Daliana Coban

Director, Regulatory Applications and Business Support Toronto Hydro-Electric System Limited 14 Carlton Street

Toronto, ON M5B 1K5

Telephone: 416.542.2627 Facsimile: 416.542.3024

regulatoryaffairs@torontohydro.com

www.torontohydro.com



August 24, 2020

Via RESS

Ms. Kirsten Walli **Board Secretary Ontario Energy Board** PO Box 2319 2300 Yonge Street, 27th floor Toronto, ON M4P 1E4

Dear Ms. Walli:

Re: Toronto Hydro-Electric System Limited ("Toronto Hydro")

Application to Finalize 2021 Electricity Distribution Rates and Charges

OEB File No. EB-2020-0057

Pursuant to section 78 of the Ontario Energy Board Act, 1998 and the Ontario Energy Board's Decision in the 2020-2024 Custom Incentive Rate Application (EB-2018-0165) enclosed is Toronto Hydro's annual rate update application to finalize the utility's distribution rates and other charges, effective January 1, 2021.

Toronto Hydro notes that the third-party reports found at Tab 4, Schedule 1, Appendices D-H contain redactions for personal information, specifically employee and customers names.

Respectfully,

Daliana Coban

Director, Regulatory Applications and Business Support Toronto Hydro-Electric System Limited

Anila Dumont, Toronto Hydro cc:

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1	Administratio	on			
		1	Legal Application		
		2	Certification - Pre-Filed E	vidence	
		3	Certification - Account Ba	alances	
		4	2021 IRM Checklist		+ excel
2	Manager's Su	ımma	ıry		
	J	1	Manager's Summary		
3	Rates and De	ferra	I/Variance Accounts		
		1	Rate Model		+ excel
		2	GA Analysis Workform		+ excel
		3	1595 Analysis Workform		+ excel
4	LRAM				
		1	LRAMVA Workform		+ excel
			А	IESO Final Verified Results	+ excel
			В	IESO Participation and Cost Reports	+ excel
			C	Detailed Project-Level Savings	+ excel
			D	Third-Party M&V Report	
			E	Third-Party M&V Report	
			F	Third-Party M&V Report	
			G	Third-Party M&V Report	
			Н	Third-Party M&V Report	
			<u> </u> 	Retrofit Projects	+ excel
-	Dill loans ste		J	Non-Retrofit CFF Projects	+ excel
5	Bill Impacts	4	OFP Assessed to 2 M/ Pill to	and a set of	
_	Towiff Charte	1	OEB Appendix 2-W Bill In	npacts	+ excel
6	Tariff Sheets	1	Current Tariff Chast		
		1	Current Tariff Sheet		Lawsal
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IN THE MATTER OF the *Ontario Energy Board Act, 1998*, Schedule B to the *Energy Competition Act, 1998*, S.O. 1998, c.15;

AND IN THE MATTER OF an Application by Toronto Hydro-Electric System Limited for an Order or Orders approving or fixing just and reasonable rates and other service charges for the distribution of electricity effective January 1, 2021.

- The Applicant, Toronto Hydro-Electric System Limited ("Toronto Hydro"), is a
- 2 corporation incorporated under the Business Corporations Act, R.S.O. 1990, c. B. 17 and
- is licensed by the Ontario Energy Board (the "OEB") under licence number ED-2002-
- 4 0497 to distribute electricity in the City of Toronto.

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- 6 Toronto Hydro's tariff of rates and charges was most recently updated by the OEB
- 7 effective January 1, 2020 per the OEB's Decision and Rate Order in Toronto Hydro's
- 8 Custom Incentive Rate-setting 2020-2024 Application (EB-2018-0165) [the "Custom IR"].
- 9 Among other orders, the OEB stated rates for 2021-2024 will be set on the basis of the
- 10 OEB-approved Custom Price Cap Index ("CPCI") framework for Toronto Hydro. This 2021
- 11 Custom Incentive Rate-setting Update Application (EB-2020-0057) for final approval of
- 2021 distribution rates and charges is in accordance with the same OEB direction.
- Pursuant to section 78 of the Ontario Energy Board Act, 1998 as amended (the "OEB
- Act") and the OEB's direction in the Custom IR application, Toronto Hydro hereby

- requests final approval of distribution rates and other charges, effective January 1,
- 2 2021, along with approval for disposition of amounts accumulated in certain Deferral
- and Variance Accounts (DVAs), as detailed in Tab 2, Schedule 1.

- 5 This application is supported by pre-filed written evidence, which may be amended or
- 6 updated from time to time, prior to the OEB's final decision on this application. The pre-
- 7 filed evidence complies with the OEB's 2021 Filing Requirements for Electricity
- 8 Distribution Rate Applications (May 14, 2020) (the "Filing Requirements") and only
- 9 deviates from these requirements in accordance with the custom rate framework
- approved by the OEB in EB-2018-0165.

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I. SPECIFIC RELIEF REQUESTED

- The list of approvals sought by Toronto Hydro in this application are detailed in the
- 15 Manager's Summary at Tab 2, Schedule 1, pages 1-2.

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II. PROPOSED EFFECTIVE DATE

- 19 Toronto Hydro requests that the OEB make its Rate Order effective January 1, 2021,
- 20 notwithstanding that the OEB's Decision and Order approving these rates and other
- charges may not be delivered until after that date. In the alternative, Toronto Hydro
- requests an Interim Order making Toronto Hydro's current distribution rates and
- charges effective on an interim basis as of January 1, 2021 and establishing an account
- to recover any differences between the interim rates and the actual rates effective
- January 1, 2021 based on the OEB's Decision and Order.

III. FORM OF HEARING REQUESTED

27 Toronto Hydro requests that this application be disposed of by way of a written hearing.

1 IV. PUBLICATION OF NOTICE

- 2 In accordance with the process established for the review and approval of Toronto
- 3 Hydro's 2019 IR Update application (EB-2018-0071), Toronto Hydro submits that a
- 4 Notice of Application and Hearing is not required for this proceeding.

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V. DIGITAL ACCESS TO THE APPLICATION

- 8 Toronto Hydro will make a copy of the application and evidence, and any amendments
- 9 thereto, available for public review on its website via the following link:

10

11 http://www.torontohydro.com/Sites/electricsystem/pages/RegulatoryAffairs.aspx

1 VI. CONTACT INFORMATION

- 2 Toronto Hydro requests that all documents filed with the OEB in this proceeding be
- 3 served on the undersigned.

4

5 All of which is respectfully submitted this 24th day of August, 2020.

6

- 7 Daliana Coban
- 8 Director, Regulatory Applications and Business Support
- 9 Toronto Hydro
- 10 14 Carlton Street
- Toronto, ON M5B 1K5
- regulatoryaffairs@torontohydro.com
- Tel: 416-542-2627
- 14 Fax: 416-542-3024

TORONTO HYDRO-ELECTRIC

SYSTEM LIMITED

14 Carlton Street

Toronto, ON M5B 1K5

Signed by:

Daliana Coban

Director, Regulatory Applications and

Business Support

Toronto Hydro-Electric System Limited EB-2020-0057 Tab 1 Schedule 1 ORIGINAL Page 5 of 5

- Appendix to Legal Application -

Title of Proceeding: Application by Toronto Hydro-Electric System

Limited for an Order or Orders approving or

fixing just and reasonable distribution rates and

other charges effective January 1, 2021.

Applicant's Name: Toronto Hydro-Electric System Limited

("Toronto Hydro")

Application Address: 14 Carlton Street

Toronto, Ontario

M5B 1K5

Counsel to the Applicant: Anila Dumont, Toronto Hydro, LSUC# 65872N

Contact Information: Anila Dumont

Regulatory Counsel

Toronto Hydro

14 Carlton Street

Toronto, ON M5B 1K5

regulatoryaffairs@torontohydro.com

adumont@torontohydro.com

Tel: 416-542-2831

Fax: 416-542-3024

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OFFICER'S CERTIFICATE – PRE-FILED EVIDENCE

As the Executive Vice President, Regulatory Affairs and General Counsel of Toronto Hydro-Electric System Limited ("Toronto Hydro"), I hereby certify that the pre-filed evidence submitted in support of Toronto Hydro's 2021 Custom Incentive Rate-setting Update Application (EB-2020-0057), as filed with the Ontario Energy Board is accurate, consistent and complete to the best of my knowledge.

This certificate is given pursuant to Chapter 1 of the Ontario Energy Board's *Filing Requirements for Electricity Distribution Rate Applications* (revised May 14, 2020).

DATED this 24th day of August, 2020.

Amanda Klein Executive Vice President, Regulatory Affairs and General Counsel

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OFFICER'S CERTIFICATE – ACCOUNT BALANCES

As the Executive Vice President, Chief Financial Officer of Toronto Hydro-Electric System Limited ("Toronto Hydro"), I hereby certify that Toronto Hydro has robust processes and internal controls in place for the preparation, review, verification and oversight of the balances in the accounts in respect of which Toronto Hydro seeks disposition in its 2021 Custom Incentive Rate-setting Update Application (EB-2020-0057), as filed with the Ontario Energy Board.

This certificate is given pursuant to Chapter 3 of the Ontario Energy Board's Filing Requirements for Electricity Distribution Rate Applications (revised May 14, 2020).

DATED this 24th day of August, 2020.

Aida Cipolla

Executive Vice President, Chief Financial Officer

2021 IRM Checklist

Toronto Hydro-Electric System Limited EB-2020-0057

Filing Requirement		Date: August 24, 2020
Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS 3.1.2 Components of the Application Filing		
3 4	Manager's summary documenting and explain all rate adjustments requested	Tab 2, Schedule 1
4	Contact info - primary contact may be a person within the applicant's organization other than the primary license contact Completed Rate Generator Model and supplementary work forms, Excel and PDF	Tab 1,Schedule 1 Tab 3, Schedule 1*TH replica
4	Current tariff sheet, PDF	version Tab 6, Schedule 1
4	Supporting documentation (e.g. relevant past decisions, RRWF etc.)	Included hyperlinks for external references
4	Statement as to who will be affected by the application, specific customer groups affected by particular request Applicant's internet address	Tab 2, Schedule 1J Tab 1, Schedule 1
4	Statement confirming accuracy of billing determinants pre-populated in model	Tab 2, Schedule 1
4	Text searchable PDF format for all documents An Excel version of the IRM Checklist	Yes Filed with Application
3.1.3 Applications and Electronic Models 5	Populated GA Analysis Workform	Tab 3, Schedule 2
5	If required, for distributors seeking revenue to cost ratio adjustments due to previous OEB decision, the Revenue to Cost Ratio Adjustment Workform must be filed	NA
5	For an incremental or pre-approved advanced capital module (ICM/ACM) cost recovery and associated rate rider(s), a distributor must file the Capital Module Applicable to ACM and ICM	NA
5	A distributor seeking to dispose of lost revenue amounts from conservation and demand management activities, during an IRM term, must file the Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Workform	Tab 4, Schedule 1
5	Account 1595 Analysis Workform - for distributors who meet the requirements for disposition of residual balances in 1595 sub-accounts	Tab 3, Schedule 3
3.2.2 Revenue to Cost Ratio Adjustments		
7	Completed revenue-to-cost ratio adjustment workform to adjust the revenue-to-cost ratio if previously approved by the OEB	NA
3.2.3 Rate Design for Residential Electricity Customers Residential Rate Design - Expendings and Mitigation (applicable)	only to distributors that have not completed the rate design transition)	NA
	If the total bill impact of the elements proposed in the application is 10% or greater for RPP customers consuming at the 10th percentile, a distributor must file a	NA NA
7	plan to mitigate the impact for the whole residential class or indicate why such a plan is not required	
7 3 2.4 Electricity Distribution Petall Transmission Service Pates	Mitigation plan if total bill increases for any customer class exceed 10%	NA
3.2.4 Electricity Distribution Retail Transmission Service Rates 3.2.5 Review and Disposition of Group 1 DVA Balances	No action required at filing - model completed with most recent uniform transmission rates (UTRs) approved by the OEB	
9	Justification if any account balance in excess of the threshold should not be disposed	NA Tab 3, Schedule 1*TH replica
10	Completed tab 3 - continuity schedule in Rate Generator Model	version
10 - 11	Explanation of variance between amounts proposed for disposition and amounts reported in RRR for each account Statement as to whether any adjustments have been made to balances previously approved by the OEB on a final basis	Tab 2, Schedule 1D
10 - 11	If yes, explanations provided for the nature and amounts of the adjustments and supporting documentation under a section titled *Adjustments to Deferral and Variance Accounts	Tab 2, Schedule 1D
11	Propose rate riders for recovery or refund of balances that are proposed for disposition. The default disposition period is one year; if the applicant is proposing an alternative recovery period must provide explanation.	Tab 2, Schedule 1D; Tab 3, Schedule 1
12 3.2.5.1 Wholesale Market Participants	GA rate riders calculated on an energy basis (kWh)	Tab 3, Schedule1
11	Establish separate rate riders to recover balances in the RSVA's from Market Participants who must not be allocated the RSVA balances related to charges for which the WMP's settle directly with the IESO.	Tab 2, Schedule 1D; Tab 3, Schedule 1
3.2.5.2 Global Adjustment	Establishment of a separate rate rider included in the delivery component of the bill that would apply prospectively to Non-RPP Class B customers when clearing	
12	balances from the GA Variance Account	Schedule1
12 - 13	For each year that the accumulated balance of Account 1589 has not been disposed, regardless of whether or not distributors are seeking disposition of Group 1 accounts in the current proceeding, all distributors are required to file the GA Analysis Workform in live Excel format and explain discrepancies.	Tab 3, Schedule 2; live Excel filed with Application
3.2.5.3 Commodity Accounts 1588 and 1589		
13	Confirm as part of its application that it has fully implemented the OEB's February 21, 2019 guidance effective from January 1, 2019.	Tab 2, Schedule 1D
13 - 14	Confirmation that historical balances that have yet to be disposed on a final basis have been considered in the context of the Feb. 21, 2019 accounting guidance, and provide a summary of the review performed. Distributors must also discuss the results of review, whether any systemic issues were noted, and whether any material adjustments to the account balances have been recorded. A summary and description of each adjustment made to the historical balances must be provided in the application.	Tab 2, Schedule 1D
15	Certification by the CEO, CFO or equivalent that distributor has robust processes and internal controls in place for the preparation, review, verification and oversight of account balances being proposed for disposition	Tab 1, Schedule 3
3.2.5.4 Capacity Based Recovery (CBR)		
15	Proposed disposition of Account 1580 sub-account CBR Class B in accordance with the OEB's CBR Accounting Guidance. - enhedded distributors who are not charged CBR (therefore no balance in sub-account CBR Class B) must indicate this is the case for them - In the DVA continuity schedule, applicants must indicate whether they serve any Class A customers during the period where Account 1580 CBR Class B sub-account balance accumulated Account 1580 sub-account CBR Class A is not to be disposed through rates proceedings but rather follow the OEB's accounting guidance The DVA continuity schedule will allocate the portion of Account 1580 sub-account CBR Class B allocated to customers who transitioned between Class A and Class B based on consumption levels	Tab 2, Schedule 1F; Tab 3, Schedule 1
3.2.6 Lost Revenue Adjustment Mechanism Variance Account		
16-21	LRAM/A - disposition of balance. Distributors must provide version 5 of LRAM/A Work Form in a working Excel file when making LRAM/A requests for remaining amounts related to CFE activity. An application for lost revenues should include. Participation and Cost reports in Excel format, made availation for lost revenues should should provide the following: An application for lost revenues should should provide the following: a statement continuing the year following the provide should provide the following: a statement continuing the provide of the provided sortings required supported provided and provided provided for disposition period; rationale provided for disposing the balance in the LRAM/A if one or more classes do not generate significant rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAM/A if one or more classes do not generate significant rate riders - statement providing the disposition period; rationale provided for disposing the balance in the LRAM/A if one or more classes do not generate significant rate riders - statement providing the disposition period; rationale for the distributors circumstances if LRAM/A Work Form's phore the disposition for actual CDM savings were determined by class and program (Tab 3-4 of LRAM/A Work Form) as applicable). **LRAM/A Work Form as applicable)** For a distributor's streetlighting project(s) which may have been completed in activation and unable provided the following must be provided: Explanation of the createst and the provided and program in the proprietal red the proposed lead profiles for streetlighting savings were calculated in accordance with OEB approved lead profiles for streetlighting savings were calculated in accordance with OEB approved lead profiles for streetlighting savings w	Tab 2, Schedule 1E; Tab 4; live Excels filed with Application

2021 IRM Checklist

Toronto Hydro-Electric System Limited EB-2020-0057

Filing Requirement
Page # Reference

Page # Reference		Evidence Reference, Notes
IRM REQUIREMENTS		
3.2.7 Tax Changes		
21	If applicable, tabs 8 and 9 of Rate Generator Model complete	NA
21	If one or more customer classes does not generate a rate rider to the fourth decimal place, a proposal that the entire 50/50 sharing amount will be transferred to Account 1595 for disposition at a future date	NA
3.2.8 Z-Factor Claims, Pg. 20-21		
23	Evidence that costs incurred meet criteria of need, materiality and prudence - see 3rd Generation IRM Report	NA
23	In addition distributor must: - Notify OEB by Inter of all Z-Factor events within 6 months of event (Confirm that letter is on file) - Apply to OEB for any cost recovery of amounts in OEB-approved deferral account claimed under Z-Factor treatment - Demonstrate that distributor could not have been able to plan or budget for the event and harm caused is genuinely incremental - Demonstrate that costs incurred within a 12-month period and are incremental to those already being recovered in rates as part of ongoing business exposure risk	NA
3.2.8.2 Z-Factor Accounting Treatment		
23	Eligible Z-factor cost amounts recorded in Account 1572, Extraordinary Event Costs, of the OEB's USoA contained in the Accounting Procedures Handbook (APH) for electricity distributors.	NA
23	Carrying charges are calculated using simple interest applied to the monthly opening balances in the account and recorded in a separate Sub-Account of this	NA
3.2.8.3 Recovery of Z-Factor Costs	account	NA .
· · · · · · · · · · · · · · · · · · ·		NA
24	Description of manner in which distributor intends to allocate incremental costs, including rationale for approach and merits of alternative allocation methods	NA
24	Specification of whether rate rider(s) will apply on fixed or variable basis, or combination; length of disposition period and rational for proposal	NA
24 24	Residential rider on fixed basis	NA
3.3.1 Advanced Capital Module	Detailed calculation of incremental revenue requirement and resulting rate rider(s)	NA
3.3.1 Advanced Capital Module 25	Evidence of passing "Means Test"	NA
	Evidence or peasing internal rest. Information on relevant project or projects updated cost projections, confirmation that the project or projects are on schedule to be completed as planned and an	
25	updated ACM/ICM module in Excel format	NA
25	If proposed recovery differs significantly from pre-approved amount, a detailed explanation is required as to why	NA
25	If updated cost projects are 30% greater than pre-approved amount, distributor must treat project as new ICM, re-filed business case and other relevant material required	NA
3.3.2 Incremental Capital Module		
3.3.2.1 ICM Filing Requirements		
	The following should be provided when filing for incremental capital:	NA
27	An analysis demonstrating that the materiality threshold test has been met and that the amounts will have a significant influence on the operation of the distributor	NA
27	Justification that the amounts to be incurred will be prudent - amounts represents the most cost-effective option (but not necessarily the least initial cost) for ratepayers	NA
27	Justification that amounts being sought are directly related to the cause, which must be clearly outside of the base upon which current rates were derived	NA
27 - 28	Evidence that the incremental revenue requested will not be recovered through other means (e.g., it is not, in full or in part, included in base rates or being funded by the expansion of service to include new customers and other load growth)	NA
28	Details by project for the proposed capital spending plan for the expected in-service year	NA
28	Description of the proposed capital projects and expected in-service dates	NA
28	Calculation of the revenue requirement (i.e. the cost of capital, depreciation, and PILs) associated with each proposed incremental capital project	NA
28	Calculation of each incremental project's revenue requirements that will be offset by revenue generated through other means (e.g. customer contributions in aid of construction)	NA
28	Description of the actions the distributor would take in the event that the OEB does not approve the application	NA
28	Calculation of a rate rider to recover the incremental revenue from each applicable customer class. The distributor must identify and provide a rationale for its proposed rider design, whether variable, fixed or a combination of fixed and variable riders. As discussed at section 3.2.3, any new rate rider for the residential class must be applied on a fixed basis	NA
3.3.5 Off-Ramps		
33 - 34	A distributor whose earnings are in excess of the dead band (i.e. 300 basis points) but nevertheless applies for an increase to its base rates - an explanation to substantiate its reasons for doing so required	NA
Appendix A		
Appendix A	Confirm disposition of residual balances for vintage Account 1595 have only been done once - distributors expected to seek disposition of the balance a year after a rate rider's sunset date has expired. No further dispositions of these accounts are generally expected unless justified by the distributor	Tab 2, Schedule D
Appendix A & Page 5	Distributors who meet the requirements for disposition of residual balances of Account 1595 sub-accounts, must complete the 1595 Analysis Workform. Account 1595 sub-accounts are eligible for disposition when one full year has elapsed since the associated rate riders' sunset dates have expired and the residual balances have been externally audited.	Tab 3, Schedule 3
Appendix A	Material residual balances will require further analysis, consisting of separating the components of the residual balances by each applicable rate rider and by customer rate class. Distributors are expected to provide detailed explanations for any significant residual balances attributable to specific rate riders for each customer rate class. Explanations must include for example, volume differences between forecast volumes (used to calculate the rate riders) as compared to actual volumes at which the rate riders were billed.	NA

APPLICATION TO FINALIZE 2021 ELECTRICITY DISTRIBUTION RATES AND

2 CHARGES: MANAGER'S SUMMARY

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- 4 On August 15, 2018, Toronto Hydro filed the 2020-2024 Custom Incentive Rate-setting
- 5 ("Custom IR") application (EB-2018-0165) pursuant to the OEB's Renewed Regulatory
- 6 Framework for Electricity (the "RRFE"). On December 19, 2019, the OEB issued the
- 7 Decision and Order (the "Decision") approving the Custom IR framework for setting
- distribution rates for 2020-2024. On February 20, 2020 the OEB issued the Rate Order
- 9 approving final distribution rates and charges for 2020 (the "Rate Order").1

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- 11 This application seeks final approval of the 2021 distribution rates, effective January 1,
- 2021, pursuant to the Custom IR framework approved by the OEB in the Decision. In
- addition, the application seeks approval of the following:
- 2021 Retail Transmission Service Rates ("RTSR"), effective January 1, 2021;
- Leave to clear the amounts accumulated in the Group 1 Deferral and Variance
 Accounts ("DVAs");
- Leave to clear the amounts accumulated in the Lost Revenue Adjustment
 Mechanism Variance Account ("LRAMVA") for 2018 and 2019;
- Approval to transfer immaterial balances resulting from the required true-up of
 specific Group 2 DVAs and Other Amounts to Account 1595 as residual amounts
 for 2021;
- Final approval of the RSVA Account Balances for 2017 and 2018, which were previously approved on an interim basis;
- A decrease in the monthly service charge for the microFIT Generator Service

 Classification from \$5.33 to \$4.49 per 30 days, based on the updated province
 wide charge;

¹ EB-2018-0165, Toronto Hydro-Electric System Limited Application (Filed: August 15, 2018), <u>Decision and Order</u> (<u>December 19, 2020</u>) at page 23; EB-2018-0165, <u>Decision and Rate Order (February 20, 2020</u>) at page 1.

- Updated Retail Service Charges and the Specific Charge for access to the Power
 Poles (Wireline Attachments);
 - Final approval of the rates and charges set out in the 2021 Tariff Sheet at Tab 6,
 Schedule 2;

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 Other items or amounts that may be requested by Toronto Hydro during the course of the proceeding, and such other relief or entitlements as the OEB may grant.

All rate adjustments, including the clearance of Group 1 DVAs, sought as a part of this application are the output of the 2021 IRM Rate Generator Model (the "Rate Model"), filed at Tab 3, Schedule 1, and the Lost Revenue Adjustment Mechanism Variance
Account (LRAMVA) Workform, filed at Tab 4, Schedule 1. The Rate Model is a replica of

Hydro's specific requirements, including: (i) integration of the Custom Incentive Price Cap
Index ("CPCI") mechanism, (ii) use of a 30-day basis for fixed and demand based rates,
and (iii) use of kVA for distribution related demand based rates. To facilitate these same

the OEB's 2021 IRM Rate Generator Model with customizations to address Toronto

customizations, the utility has developed the 2021 Tariff Sheet and the associated Bill Impacts outside of the Rate Model.

Toronto Hydro reviewed the pre-populated billing determinants in the OEB's model and made corrections for the number of customers in the residential and Competitive Sector Multi-Unit Residential ("CSMUR") classes. The utility confirms that all other prepopulated billing determinants are accurate.

All the changes that Toronto Hydro made to the model are summarized in the tab entitled "Summary of Changes".

A. 2020 TARIFF SHEET

- Toronto Hydro included within the Rate Model and at Tab 6, Schedule 1 a copy of the 2
- current 2020 Tariff Sheet approved by the OEB in the 2020-2024 Custom IR application. 3
- The rates and charges set out in the 2020 Tariff Sheet are the starting point from which 4
- the 2021 rates and charges were calculated using the Rate Model. 5

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B. CUSTOM PRICE CAP INDEX ("CPCI") ADJUSTMENT

- In the 2020-2024 Custom IR application, the OEB approved the CPCI for setting rates in 8
- the years 2021 through 2024. The OEB approved the CPCI formula as follows: 9

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11
$$CPCI = I - X + C - g$$
, or

12
$$CPCI = I - X + C_n - S_{cap} * (I + X_{cap}) - g$$

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- The OEB approved the values for all elements of the CPCI formula for the entire duration 14
- of the Custom IR period, with the exception of the Inflation Factor ("I"), which is to be 15
- updated annually.² Therefore, the only adjustment for the calculation of final 2021 16
- distribution rates is the 2021 Inflation Factor, which will be issued by the OEB sometime 17
- during the course of this proceeding. 18

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- The Rate Model filed at Tab 3, Schedule 1 adopts the OEB's 2020 Inflation Factor as a 20
- proxy. Toronto Hydro proposes to update the Rate Model with the 2021 Inflation Factor 21
- during the Draft Rate Order process. 22

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- For ease of reference, the table below outlines the approved components of the CPCI for
- $2021.^{3}$ 25

² EB-2018-0165, Decision and Order (December 19, 2020) at page 31.

³ EB-2018-0165, Decision and Order (December 19, 2020) at page 33 [reference to OEB approval of the Productivity Factor], at page 36 [reference to OEB approval of the Stretch Factor], at page 40 [reference to OEB approval of the C Factor and requirement for incremental stretch factor, X_{cap}], at page 42 [reference to OEB approval of the Growth Factor].

Table 1 - CPCI Factors and Values

CPCI Components	2021
I*	2.00%
X – productivity	0.00%
X – stretch factor	0.60%
X _{cap}	0.30%
Cn	4.97%
S _{cap}	71.22%
g	0.20%
CPCI	4.53%

^{*}Final 2021 Inflation value to be determined by OEB. CPCI to be updated accordingly.

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C. GROUP 2 ACCOUNT TRUE-UPS

- In the Custom IR Decision, the OEB approved the disposition of Group 2 DVA balances and
- 5 Other Amounts on a forecast basis.⁴ In the subsequent Rate Order, the OEB directed
- 6 Toronto Hydro to true-up any variance between the forecast principal and interest
- 7 amounts and the actual principal and interest amounts, and to dispose of these amounts
- 8 in the year that the underlying account is disposed.⁵

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- In accordance with the OEB's direction, the accounts that are subject to true-up as part of
- this Application are those which the OEB approved for disposition starting on March 1,
- 2020 and January 1, 2021. Toronto Hydro notes that the future tax savings in connection
- with two of these accounts (i.e. the Operating Centres Consolidation Program ("OCCP")
- and the Gain on Sale of 50/60 Eglinton Avenue), which the utility committed to return to
- customers, will be realized and recorded for accounting purposes as the rate rider is paid
- back to ratepayers. As a result, Toronto Hydro cannot true-up these two accounts for
- actuals until the underlying account dispositions are complete (December 31, 2021) and

⁴ EB-2018-0165, <u>Decision and Order (December 19, 2020)</u> at pages 177-178.

⁵ EB-2018-0165, <u>Decision and Rate Order (February 20, 2020)</u> at page 4.

- the final tax savings are realized. Therefore, the utility proposes to defer the required
- true-ups for these two accounts to its 2023 Custom IR Update application.

- 4 The results of the true-up exercise for all other applicable accounts are summarized in
- Tables 2 and 3 below. The true-up variances for all accounts are immaterial and sum to a
- 6 total variance of -\$171,101. Clearance of these immaterial amounts would result in rate
- riders that fall below the \$0.0001/kWh materiality threshold as per Report of the Board
- 8 on Electricity Distributors' Deferral and Variance Account Review Initiative [the "EDDVAR
- 9 Report"].⁶ Therefore, Toronto Hydro proposes to transfer the true-up amount to Account
- 1595 as a residual balance for the 2021 year.

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Table 2: Forecast and Actual Group 2 Deferral and Variance Account Balances –

Clearance Starting March 1, 2020 (\$ Millions)

		Forecast						
	Principal Balances	Carrying Charges to Feb 29, 2020	Total Balance, including carrying charges	Principal Balances	Carrying Charges to Feb 29, 2020	Total Balance, including carrying charges	Total True-up Variance	
Group 2 Acco	Group 2 Accounts							
Impact for								
USGAAP	6.4	0.0	6.4	6.4	0.0	6.4	0.0	
Deferral								
Externally								
Driven	(3.1)	(0.1)	(3.2)	(3.1)	(0.1)	(3.2)	0.0	
Capital								
Monthly	11.0	0.4	11.4	11.0	0.4	11.4	0.0	
Billing	11.0	0.4	11.4	11.0	0.4	11.4	0.0	
OPEB Cash	7.1	0.0	7.1	7.1	0.0	7.1	0.0	
vs Accrual	7.1	0.0	7.1	/.1	0.0	7.1	0.0	

⁶ EB-2008-0046, <u>The Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report</u> (July 31, 2009) at page 13.

		Forecast					
	Principal Balances	Carrying Charges to Feb 29, 2020	Total Balance, including carrying charges	Principal Balances	Carrying Charges to Feb 29, 2020	Total Balance, including carrying charges	Total True-up Variance
IFRS- USGAAP Transitional PP&E Amounts	(1.6)	-	(1.6)	(1.6)	-	(1.6)	-

Note: Variances due to rounding may exist.

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2 Table 3: Forecast and Actual Group 2 Deferral and Variance Account Balances -

3 Clearance Starting January 1, 2021 (\$ Millions)

	Forecast				Actual			
	Principal Balances	Carrying Charges to Dec 31, 2020	Total Balance, including carrying charges	Principal Balances	Carrying Charges to Dec 31, 2020	Total Balance, including carrying charges	Total True-up Variance	
Group 2 Accou	unts							
Wireless Attachments	(0.6)	(0.0)	(0.7)	(0.6)	(0.0)	(0.7)	(0.0)	
Stranded Meter Costs	(1.4)	0.0	(1.4)	(1.4)	0.0	(1.4)	0.0	
Other Amoun	ts							
Excess Expansion Deposits	(10.3)	(0.8)	(11.0)	(10.3)	(0.7)	(11.0)	(0.1)	
Accounts Receivable Credits	(3.3)	(0.2)	(3.5)	(3.3)	(0.2)	(3.4)	(0.1)	

Note: Variances due to rounding may exist.

D. REVIEW AND DISPOSITION OF GROUP 1 DVA BALANCES

- 2 Toronto Hydro requests OEB approval to clear through rate riders the balances in the
- 3 Group 1 RSVAs, as well as accumulated balances in the LRAMVA. LRAMVA balances and
- 4 rate riders are addressed separately in Section E.

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- In accordance with EDDVAR Report, the RSVA balances must be cleared if the amounts
- exceed the pre-set disposition threshold of \$0.001 per kWh. As shown in the Rate Model
- at Tab 3, Schedule 1, 2019 year-end balances exceed this threshold.

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- 10 The proposed Group 1 clearances and supporting continuity schedules are set out in the
- Rate Model. Table 4 below summarizes the balances proposed for clearance.

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Table 4 – Group 1 Balances for Clearance (\$ Millions)

Account	Dec 31, 2019 Balance (\$)	Carrying Charges (to Dec 31, 2020) (\$)	Total For Clearance (\$)
1550 – LV Variance Account	0.4	0.0	0.4
1551 – Smart Meter Entity Variance Account	(0.1)	(0.0)	(0.1)
1580 – RSVA WMS	(5.3)	(0.1)	(5.4)
1580 – RSVA WMS – Sub-account CBR Class B	(1.6)	(0.0)	(1.6)
1584 - RSVA Retail Transmission Network Charge	8.3	0.2	8.5
1586 - RSVA Retail Transmission Connection Charge	(5.7)	(0.1)	(5.8)
1588 - RSVA Power	9.3	0.1	9.4
1589 – RSVA Global Adjustment	18.6	1.0	19.6
1595 – RARA 2017	0.2	0.1	0.3

⁷ EB-2008-0046, <u>The Report of the Board on Electricity Distributors' Deferral and Variance Account Review Report</u> (July 31, 2009) at page 10.

- 1 The Rate Model details the balances allocated to each rate class and shows the
- development of the proposed rate riders. Toronto Hydro proposes to clear the balance in
- all accounts over a 12-month period from January 1, 2021 through December 31, 2021.
- 4 All rate riders were calculated using the 2019 RRR billing unit data.

Account 1595

- 7 Toronto Hydro proposes to clear the residual balance in Account 1595 -
- 8 Disposition/Refund of Regulatory Balances for 2017. The Account 1595 Analysis
- 9 Workform is filed at Tab 3, Schedule 3.

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Wholesale Market Participants

- Toronto Hydro allocated the DVA amounts proposed for clearance in accordance with the
- EDDVAR Report. The utility confirms that Wholesale Market Participants ("WMPs") are
- not subject to clearance of RSVA amounts for Power, Wholesale Market Services ("WMS")
- (including sub-account CBR Class B) or Global Adjustment ("GA"), and have not been
- included in the load/customer counts used to determine rate riders for these accounts.

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Global Adjustment

- The balances in the RSVA GA are allocated to non-RPP Class B customers only. Toronto
- 20 Hydro used the Rate Model to address the GA for customers that transitioned between
- 21 Class A and Class B during 2019. The GA Analysis Workform is filed at Tab 3, Schedule 2.

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Commodity Accounts 1588 and 1589

- Toronto Hydro implemented the OEB's February 21, 2019 accounting guidance for RSVA
- accounts 1588 Power and 1589 Global Adjustment effective from January 1, 2019.8 As
- described below, Toronto Hydro confirms that it reviewed its 2017 and 2018 balances –
- which were previously approved on an interim basis and found that no material

⁸ <u>Accounting Procedures Handbook Update - Accounting Guidance Related to Commodity Pass-Through Accounts 1588</u> <u>& 1589</u> (February 21, 2019).

- adjustments are necessary in the context of the new guidance. Therefore, Toronto Hydro
- 2 requests disposition of the previously approved account balances on a final basis.

- 4 Review of Historical Balances Previously Disposed on an Interim Basis
- 5 The OEB's February 21, 2019 accounting guidance required the following updates to the
- 6 2017 and 2018 interim balances:
 - true-up RPP and Non-RPP allocations based on actual billed usage; and
- true-up estimated to actual billed revenues.

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The result of this true-up exercise is summarized in the tables below. Table 5 compares
the approved and updated values for RSVA Power, and Table 6 compares the approved
and updated values for RSVA GA. Toronto Hydro compared the variances between
interim and true-up results to the materiality thresholds summarized in Table 7, which
were calculated based on the supplemental 1588 and 1589 accounting guidance

documentation.⁹ All variances are within the OEB defined materiality thresholds.

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Table 5: RSVA Power Interim vs True-Up Variance Based on 1588 and 1589 Accounting Guidance (\$ Millions)

ENERGY		n Approved im Basis	-	1588 and 1589 dance (True-Up)	Variance	
	2017	2018	2017	2018	2017	2018
Energy Revenue	(1,176.03)	(1,230.65)	(1,178.99)	(1,225.15)	(2.96)	5.50
Energy Costs	1,172.69	1,225.22	1,176.58	1,224.73	3.89	(0.49)
RSVA Power	(3.34)	(5.43)	(2.40)	(0.42)	0.94	5.01

⁹ Q&A's for Accounting Guidance on Accounts 1588 and 1589 (July 11, 2019) at page 8.

1 Table 6: RSVA GA Interim vs True Up Variance Based on 1588 and 1589 Accounting

2 Guidance (\$ Millions)

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GLOBAL	Submission Approved on Interim Basis		-	1588 and 1589 dance (True-Up)	Variance	
ADJUSTMENT	2017	2018	2017	2018	2017	2018
GA Revenue	(1,243.70)	(1,092.90)	(1,241.42)	(1,088.82)	2.28	4.07
GA Costs	1,250.26	1,069.00	1,249.74	1,065.10	(0.51)	(3.89)
RSVA GA	6.55	(23.90)	8.32	(23.72)	1.77	0.18

4 Table 7: Materiality Threshold Calculations for 2017 and 2018 RSVA Power and GA

5 Accounts Based on Account 1588 and 1589 Q&A Guidance (\$ Millions)

Year	Account	OEB Account used for Materiality Calculation	RRR Account Balance for Materiality Calculation	Percentage per Q&A Guidance	Materiality Threshold
2017	1588RSVA Power	4705 - Power Purchased	1,172.69	0.5%	5.86
2017	1589 RSVA GA	4707 - Charges - GA	1,283.76	0.5%	6.42
2018	1588 RSVA Power	4705 - Power Purchased	1,225.22	0.5%	6.13
2018	1589 RSVA GA	4707 - Charges - GA	1,129.36	0.5%	5.65

- 6 A certification by the Chief Financial Officer relating to the processes and controls in place
- for the preparation, review, verification, and oversight of account balances is filed at Tab
- 8 1, Schedule 3.

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Capacity Based Recovery (CBR)

- 11 Toronto Hydro seeks clearance of the Class B Capacity Based Recovery ("CBR") balances
- to December 2019 through a separate rider as calculated by the Rate Model and in
- accordance with the OEB's CBR Accounting Guidance. Toronto Hydro used the Rate
- 14 Model to address the CBR for customers that transitioned between Class A and Class B
- 15 during 2019.

Other Adjustments and Variances

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- 2 The balances proposed for clearance in this application match the account balances filed
- in the RRR, with the following exceptions:
 - The final LRAMVA balance proposed for clearance was determined using the latest LRAMVA model and final 2018 and 2019 CDM results, which were unavailable at the time of filing the RRR.
 - There is an immaterial and fully off-setting variance of \$85,385 between the WMS
 Sub-Account CBR Class B and RSVA WMS accounts in the DVA Continuity as compared to the RRR filing.
 - As discussed above, Toronto Hydro adjusted the 2019 RSVA Global Adjustment and RSVA Power principal balances for actual volumes and accrued versus actual revenue differences as per the 1588 and 1589 Accounting guidance from the OEB.
 The details of the RSVA Global Adjustment are outlined in the GA Analysis
 Workform at Tab 3, Schedule 2.
 - Toronto Hydro confirms that it has not made any other adjustments to balances and amounts previously approved by the OEB on a final basis.¹⁰

E. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT (LRAMVA)

- In the Custom IR Decision, the OEB approved Toronto Hydro's proposal to dispose of the
- 20 2018 and 2019 audited LRAMVA balances in the 2021 rates update application. Toronto
- 21 Hydro seeks approval to clear these amounts as part of this application. Specifically,
- Toronto Hydro seeks approval to dispose of balances associated with the following:
 - Incremental first-year lost revenues for 2018 and 2019; and
 - Lost revenues in 2018 and 2019 resulting from CDM savings persistence from the years 2015 through 2018.

¹⁰ Toronto Hydro notes that the balance in Account 1533, the Renewable Generation Connection Funding Adder Deferral Account, Sub-Account Provincial Rate Protection Payment Variances was adjusted from the previously approved forecast of -\$6.6 million to -\$6.1 million based on actual in-service additions. The revised amount was settled with the IESO.

¹¹ EB-2018-0165, Decision and Order (December 19, 2019) at page 173.

- 1 Where applicable, the 2018 and 2019 lost revenues were based on verified CDM savings
- results reported in the IESO's Final Verified Annual LDC CDM Program Results Report,
- which is filed at Tab 4, Schedule 1, Appendix A.¹² Toronto Hydro determined the
- 4 proposed amounts for clearance using version 5 of the OEB's LRAMVA Workform. The
- amounts conform to the most recent LRAMVA guidelines, 13 and rely on the most recent
- 6 CDM program input assumptions available at the time of program evaluation. Toronto
- 7 Hydro applied the methodology previously approved by the OEB (e.g. EB-2018-0071) with
- 8 adjustments to conform to the most recent OEB filing requirements. A copy of the
- 9 LRAMVA Workform is filed at Tab 4, Schedule 1.

- 11 Table 8 below provides a summary of the principle amount and carrying charges by rate
- class, and the resultant riders. In accordance with section 3.2.6.1 of the Filing
- 13 Requirements, Toronto Hydro submits that the 2018 and 2019 year-end LRAMVA
- balances are significant enough to merit clearance during the IRM period. Toronto Hydro
- proposes to clear the LRAMVA balance over a 12-month period, beginning January 1,
- 16 2021.

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Table 8: LRAMVA Summary

Rate Class	Principle for Clearance (\$)	Carrying Charges (\$)	Total for Clearance (\$)	Proposed Rate Rider (\$/kWh or \$/kVA)
Residential	4,470,735	170,431	4,641,165	0.00099
CSMUR	326,662	12,192	338,854	0.00122
GS<50kW	4,218,351	140,112	4,358,464	0.00185
GS 50-999kW	15,734,681	528,577	16,263,258	0.6523
GS 1000-4999kW	4,260,422	144,451	4,404,873	0.4280
Large User	2,990,891	101,305	3,092,196	0.6675

¹² Note that due to the size and nature of these documents, Toronto Hydro has filed this report and the Excel-based supporting documents (Appendices B, C, I, J) in Excel format only.

¹³ EB-2014-0278, Conservation and Demand Management Requirement Guidelines for Electricity Distributors (updated August 11, 2016); Report of the OEB on Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs (May 19, 2016).

Additional Information Supporting 2018 and 2019 LRAMVA Balances

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- 2 As noted in the OEB's Chapter 3 filing requirements, on March 20, 2019, the Minister of
- 3 Energy, Northern Development and Mines issued separate directives to the OEB and the
- 4 IESO; the directive to the IESO concluded the Conservation First Framework ("CFF")
- 5 effective immediately. In the absence of final verified annual CDM program results for
- 6 2018 and 2019, and as specified in the OEB's Chapter 3 filing requirements, Toronto
- 7 Hydro used the following additional information to determine the LRAMVA balances:
 - the IESO's Participation and Cost Reports for January 1, 2018 through April 15, 2019 (Tab 4, Schedule 1, Appendix B);¹⁴ these reports include incremental first-year energy savings;¹⁵
 - 2. the **Detailed Project-Level Savings** files that the IESO relied upon to generate the Participation and Cost Reports (Tab 4, Schedule 1, Appendix C);¹⁶
 - third-party Measurement and Verification Reports for specific projects under the Process and System Upgrades Program, which is not captured in the IESO's Participation and Cost Reports (Tab 4, Schedule 1, Appendices D-H); and
 - 4. for savings to December 31, 2019 that are related to CFF programs, project-level savings for projects that were completed within the 2015-2019 period which a distributor is contractually obligated to complete. For the **Retrofit Projects** (Tab 4, Schedule 1, Appendix I), energy savings and demand reductions are based on the list of projects for which Toronto Hydro paid incentives to customers and which had their status updated to "Project Closed" in CDM-IS system post March 1,

¹⁴ Toronto Hydro has filed the reports in Excel format.

¹⁵ Incentives for projects paid up to the end of February 2019 were settled with the IESO by March 15, 2019 and the energy savings and demand reduction of these projects were included in the Participation and Cost Report issued by the IESO in April 2019. This was the final Participation and Cost Report issued by the IESO.

 $^{^{\}rm 16}$ Toronto Hydro has filed the report in Excel format.

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2019. For non-Retrofit CFF Projects (Tab 4, Schedule 1, Appendix J), savings are 1 based on the list of projects for which Toronto Hydro has paid incentives and 2 submitted project-level details to the IESO. 3 4 Toronto Hydro confirms that the calculated savings persistence and net-to-gross factors 5 used to derive net savings by program are based on the 2017 Final Verified Annual LDC 6 CDM Program results. 7 8 F. TAX CHANGES 9 Toronto Hydro confirms that there have been no applicable legislated tax changes since 10 its last rebasing application (EB-2018-0165). 11 12 **G. RETAIL TRANSMISSION SERVICE RATES** 13 Toronto Hydro seeks to set 2021 Retail Transmission Service Rates based on the OEB's 14 guidance set out in the June 28, 2012 revision of the OEB's Guideline G-2008-0001: 15 Electricity Distribution Retail Transmission Service Rates ("RTSR"), Revision 4.0. Toronto 16 Hydro used the current OEB-approved Uniform Transmission Rates ("UTR") and the Rate 17 Model for calculating the RTSRs. The utility anticipates that the OEB will update the 18 requested RTSRs to reflect the approved 2021 Uniform Transmission Rates when those 19 rates become available. 20 21 H. OTHER RATES AND CHARGES 22 Toronto Hydro requests continuation of the various rate riders approved in EB-2018-23 0165, in accordance with their respective effective and termination dates, and of the 24 other rates and charges approved in that application, including the Specific Service 25 Charges and Loss Factors. Toronto Hydro is proposing to decrease the monthly service 26 charge for the microFIT Generator Service Classification from \$5.33 to \$4.49 per 30 days, 27

- based on the updated province-wide charge.¹⁷ Toronto Hydro is not applying for a
- deferral account to track the impact of the reduction as it is not expected to be material.
- 4 Toronto Hydro has updated its Retail Service Charges and Specific Charge for access to the
- 5 Power Poles (Wireline Attachments) in the Rate Model using the current OEB approved
- 6 inflation factor for 2020 of 2.0%. Toronto Hydro proposes to update these charges with
- the 2021 inflation factor as part of the Draft Rate Order.

9 I. 2021 TARIFF SHEET

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- Toronto Hydro seeks an Order for final approval of the rates and charges as set out in the
- 2021 Tariff Sheet, which is filed at Tab 6, Schedule 2.

J. 2021 BILL IMPACTS

- The anticipated 2021 Bill Impacts are filed at Tab 5, Schedule 1. Table 9 below provides a
- summary of the total bill impacts for a typical customer in each rate class.

17 Table 9: Summary of Total Bill Impacts

Rate Classes	\$/30 days	%
Residential (750 kWh, TOU RPP)	\$0.56	0.5%
Competitive Sector Multi Unit Residential (300 kWh, TOU RPP)	\$0.80	1.3%
General Service <50 kW (2,000 kWh, TOU RPP)	\$3.40	1.0%
General Service 50-999 kW (200 kVA, Spot)	\$315.50	2.0%
General Service 1,000-4,999 kW (2,000 kVA, Spot)	\$3,004.52	1.7%
Large User (9,700kVA, Spot, Class A)	\$4,895.77	0.6%
Unmetered Scattered Load (285 kWh, RPP)	\$0.35	0.6%
Street Lighting (2,700 kVA, Spot, Class B)	\$4,098.31	1.4%

¹⁷ Review of Fixed Monthly Charge for microFIT Generator Service Classification OEB File Numbers EB-2009-0326 and EB-2010-0219 (Feb. 24, 2020).

Summary of changes in the IRM Model

No.	Tab	Cell Reference	Description
1	4. Billing Det. for Def-Var	T17, T18	Changed to reflect the correct number of customers in the rate class.
2	6.1a GA Allocation	C19: C23, D19:D20	Formula is used, since no macro is used in the model.
3	6.1 GA	C17 : C25	Formula is used, since no macro is used in the model.
4	6.2a CBR B Allocation	C19: C23, D19: D20	Formula is used, since no macro is used in the model.
5	6.2 CBR B	C17 : D25	Formula is used, since no macro is used in the model.
6	6.2 CBR B	M17 : M25	Formula is used, since no macro is used in the model.
7	7. Calculation of Def-Var RR	l17 : K19, l24 : K24	Rounding off to five decimal instead of four decimal.
8	7. Calculation of Def-Var RR	I20 : K22, I25 : K25	Modified to change to rate per 30 days.
9	10 RTSR Current Rates	D17 : D22, D29, D30	Changed the rate from four decimal to five decimal.
10	15. RTSR Rates to Forecast	G20 : G22, G24, G32 : G34, G36, G44 : G46, G48, G56 : G58, G60 J20 : J22, J24, J32 : J34, J36, J44 : J46, J48, J56 : J58, J60	Modified since Toronto Hydro rates are per 30 days.
11	15. RTSR Rates to Forecast	J41 : J43, J47, J53 : J55, J59	Rounding off to five decimal instead of four decimal.
12	16. Rev2Cost_GDPIPI	G17 : H29	Modified to add rounding off.
13	16. Rev2Cost_GDPIPI	D13	Formula modified as per the Toronto Hydro CIR formula.
14	16. Rev2Cost_GDPIPI	D19, D27	Changed the rate from four decimal to five decimal.
15	16. Rev2Cost_GDPIPI	H12 : K14	Add the data point to accommodate the Torotno Hydro CIR formula.
16	16. Rev2Cost_GDPIPI	A28 : H28	The row is added since Toronto Hydro Unmetered Scattered Load class has three tier rates (Connection, Customer, kWh).
17	16. Rev2Cost_GDPIPI	A24 : H26	The three rows are added to include variable charges related to standby charges.

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Instructions for Tabs 1, 3 to 7

Summary of Changes from the Prior Year

- Questions are revised on tab 1. The continuity schedule in tab 3 will open starting from the year balances were last approved for disposition, unless the last approved dipsosition was on an interim basis and there are changes to those balances. If that is the case, tab 3 will open from the year of last approved disposition on a final basis. A distributor must also provide an explanation for the change in the previously approved balance.
- ² In the continuity schedule on tab 3, the option on whether Accounts 1588 and 1589 is requested for disposition has been removed. It is expected that Accounts 1588 and 1589 are to be disposed unless there is a reason it should not be. If that is the case, contact the Case Manager.
- ³ Footnote #4 in tab 3 has been revised to clarify that the amount in the "Transactions" column in the DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "DEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principal Adjustments" columns of this DVA Continuity Schedule.

Detailed Instructions for Each Tab

Tab	Tab Details	Step	Details
1 - Information Sheet	This tab shows some information pertaining to the utility and the	1	Decimic Complete the information sheet.
	application.	_	a) Questions 2 to 4
	··		Responses to questions 2 to 4 will open the DVA continuity schedule in tab 3 to the appropriate year that DVA balances should first be inputted.
			The continuity schedule will open starting from the year balances were last approved for disposition, unless the last approved dipsosition was on an interim basis and there are changes to those balances. If that is the case, the continuity schedule will open from the year of last approved disposition on a final basis. A distributor must also provide an explanation for the change in the previously approved balance.
			b) Questions 5 and 6 If the response to question 5 (GA) or 6 (CBR Class B) is yes, tab 6 relating to Class A customers' consumption will be generated. If the response to question 6 is yes, then tab 6.2 will also be generated. This tab will allocate and dispose the balance in Account 1580, sub-account CBR Class B through a separate rate rider using information inputted in tab 6, unless a rate rider is not produced. If the response to question 6 is no, then the balance in the Account 1580, sub-account CBR Class B will be allocated and disposed with Account 1580 WMS, as part of the general DVA rate rider
3 - Continuity	This tab is the continuity schedule that shows all the accounts and the	2	Complete the DVA continuity schedule.
Schedule	accumulation of the balances a utility has.		a) For all Group 1 accounts, except Account 1595: The continuity schedule will open from the year the GL balance was last disposed. Start inputting the approved ending balances in the Adjustments column of that year. For example, if in the 2020 rate application, DVA balances as at December 13, 2018 were approved for disposition, the continuity schedule will commence from 2018. Start by inputting the approved closing 2018 balances in the Adjustments column under 2018.
			b) For all Account 1595 sub-accounts: Complete the DVA continuity schedule for each Account 1595 vintage year that has a GL balance as at December 31, 2019, regardless of whether the account is being requested for disposition in the current application.
			The continuity schedule will open in the year of the earliest Account 1595 vintage year that has a balance. For each Account 1595 sub-account, start inputting data from the year the sub-account started to accumulate a balance (i.e. the vintage year).
			For example, Account 1595 (2015) would accumulate a balance starting in 2015, when the relevant balances approved for disposition were first transferred into Account 1595 (2015). Input the amount approved for disposition in the OEB Approved Disposition column.
			Note that the DVA continuity schedule can currently start from 2014. If a utility has residual balance in an Account 1595 with a vintage year prior to 2014, include residual balances for years up to 2014 in the row for Account 1595 (2014 and pre-2014) and provide a separate schedule with amounts broken down by vintage year.
		3	Review any balance variance between the DVA continuity schedule and the RRR in column BW. Provide an explanation, if necessary.
4 - Billing Determinant	This tab shows the billing determinants that will be used to allocate	4	Confirm the accuracy of the RRR data used to populate the tab.
	account balances and calculate rate riders.	5	Review the disposition threshold calculation. Select whether disposition is being requested or not in the drop down box.

6 - Class A Data Consumption	This tab is to be completed if there were any Class A customers at any point during the period the GA balance or CBR Class B accumulated. The data on this tab is used for the purposes of determining the GA rate rider,	6	This tab is generated when the utility selects yes to questions 5 or 6 in tab 1, indicating they had Class A customers during the period that the GA or CBR balance accumulated.
	CBR Class B rate rider (if applicable), as well as customer specific GA and CBR charges for transition customers (if applicable).	7	Under #2a, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1589 GA balance accumulated. If yes, tab 6.1a will be generated.
			Under #2b, indicate whether the utility had any customers that transitioned between Class A and B during the period the Account 1580, sub-account CBR Class B balance accumulated. If yes, tab 6.2a will be generated.
		8	Under #3a, enter the number of transition customers the utility had during the period the Account 1589 GA or Account 1580 CBR B balances accumulated. A table will be generated based on the number of customers.
			Complete the table accordingly for each transition customer identified (i.e. kWh/kW for half year periods, and the customer class during the half year). This data will automatically be used in the GA balance and CBR Class B balance allocation to transition customers in tabs 6.1a and 6.2a respectively. This data will also be used in the calculation of billing determinants for GA and CBR Class B balances, as applicable.
			Note that each transition customer identified in tab 6, table 3a will be assigned a customer number and the number will correspond to the same transition customer populated in tabs 6.1a and 6.2a.
			Also note that the transition customers identified for the GA may be different than those for CBR Class B. This would depend on the period in which the GA and CBR Class B balances accumulated.
		9	Under #3b, enter the number of rate classes in which there were full year Class A customers during the period the Account 1589 GA balance or Account 1580 CBR Class B balance accumulated. A table will be generated based on the number of rate classes.
			Complete the table accordingly for each rate class identified (i.e. total Class A consumption in the rate class identified for each year). This data will be used in the calculation of billing determinants for GA and CBR Class B, as applicable.
6.1a - GA Allocation	This tab allocates the GA balance to each transition customer for the	10	This tab is generated when the utility indicates that they had transition customers in tab 6, #2a during the period the Account 1589 GA balance accumulated.
	period in which these customers were Class B customers and contributed to the GA balance (i.e. former Class B customers but are now Class A customers and former Class A customers who are now Class B customers).		In row 20, enter the Non-RPP consumption less WMP consumption.
	costoners).		The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the GA balance to transition customers in the bottom table. All transition customers who are allocated a specific GA amount are not to be charged the general Non-RPP Class B GA rate rider as calculated in tab 6.1.
6.1 - GA	This tab calculates the GA rate rider to be applied to all non-RPP Class B customers (except for the transition customers allocated a customer specific balance in tab 6.1a).	11	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the GA rate riders are calculated accordingly based on whether there were any transition customers during the period that the GA balance accumulated.
6.2a - CBR_B Allocation	This tab allocates the CBR Class B balance to each transition customer for the period in which these customers were Class B customers and contributed to the CBR Class B balance (i.e. former Class B customers but	12	This tab is generated when the utility indicates that they had transition customers in tab 6, #2b during the period where the CBR Class B balance accumulated.
	are now Class A customers and former Class A customers who are now Class B).		In row 19, enter the total Class B consumption less WMP consumption.
			The rest of the information in this tab will be auto-populated and will calculate the customer specific allocation of the CBR Class B balance to transition customers in the bottom table. All transition customers who are allocated a specific CBR Class B amount are not to be charged the general CBR Class B rate rider.
6.2 - CBR	This tab calculates the CBR Class B rate rider if there were Class A customers at any point during the period that the CBR Class B balance accumulated.	13	This tab is generated when the response to question 6 in tab 1 is "yes", indicating that they had Class A customers during the period that Account 1580, sub-account CBR Class B balance accumulated.
			No input is required in this tab. The information in the tab is auto-populated and the CBR Class B rate riders are calculated accordingly. If a rate rider is not produced, the entire Account 1580 CBR Class B balance, including the amount allocated to transition customers will be transferred to Account 1580 WMS, to be disposed through the general Group 1 DVA rate rider.
5 - Allocating Def-Var Balances	This tab allocates the Group 1 balances, except GA and CBR Class B (if Class A customers exist).	14	Review the allocated balances to ensure the allocation is appropriate. Note that the final allocation for Account 1580, sub-account CBR Class B is calculated after the completion of tabs 6 to 6.2a.
7 - Calculation of Def- Var RR	This tab calculates the Group 1 rate riders, except for GA and CBR Class B (if Class A customers exist)	15	Enter the proposed rate rider recovery period if different than the default 12 month period. The rest of the information in the tab is auto-populated and the rate riders are calculated accordingly.

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

		Version	1
Utility Name	Toronto Hydro-Electric System Limited		
Assigned EB Number	EB-2020-0057		
Name of Contact and Title			
Phone Number			
Email Address			
We are applying for rates effective	January-01-21		
Rate-Setting Method	Price Cap IR		
1. Select the last Cost of Service rebasing year.	2020		
2. For Accounts 1588 and 1589, please indicate the year the accounts were last disposed on a final basis.	2016		
a) If the accounts were last approved on a final basis, select the year that the balance was last approved on a final basis.			
b) If the accounts were last approved on an interim basis, and			
 there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis. 	. 2018		
(e.g. If 2017 balances reviewed in the 2019 rate application were to be selected, select 2017.)			
3. For the remaining Group 1 DVAs, please indicate the year the accounts were last disposed on a final basis.	2016		
a) If the accounts were last approved on a final basis, select the year that the balance was 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 that the balances were last approved for diposition on an interim basis. 	2018		
ii) If there are changes to the previously approved interim balances, select the year that the balances were last approved for disposition on a final basis.			
4. Select the earliest vintage year in which there is a balance in Account 1595.	2016		
(e.g. If 2016 is the earliest vintage year in which there is a balance in a 1595 sub-account, select 2016.)			
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: Toronto Hydro-Electric System Limited 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.			

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

Incentive Rate-setting Mechanism Rate Generator for 2021 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

					•	2016	•					•				2017			•		•
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2016	Transactions Debit/ (Credit) during 2016	OEB-Approved Disposition during 2016	Principal Adjustments ¹ during 2016	Closing Principal Balance as of Dec 31, 2016	Opening Interest Amounts as of Jan 1, 2016	Interest Jan 1 to Dec 31, 2016	OEB-Approved Disposition during 2016	Interest Adjustments ¹ during 2016	Closing Interest Amounts as of Dec 31, 2016	Opening Principal Amounts as of Jan 1, 2017	Transactions Debit/ (Credit) during 2017	OEB-Approved Disposition during 2017	Principal Adjustments ¹ during 2017	Closing Principal Balance as of Dec 31, 2017		Interest Jan 1 to Dec 31, 2017	OEB-Approved Disposition during 2017	Interest Adjustments ¹ during 2017	Closing Interest Amounts as of Dec 31, 2017
Group 1 Accounts																					
LV Variance Account	1550	2,127,459	312,025	1,192,584		1,246,899	70,940	15,001	64,774		21,166	1,246,899	394,328	934,874		706,353	21,166	6,808	19,906		8,068
Smart Metering Entity Charge Variance Account	1551	127,611	(379,776)	435,919		(688,084)	12,957	14,090	16,147		10,900	(688,084)	(113,182)	(308,308)		(492,958)	10,900	(15,080)	(7,181)		3,001
RSVA - Wholesale Market Service Charge ⁵	1580	(157,236,144)	(26,035,861)	0		(183,272,005)	(5,641,062)	(1,776,861)	0		(7,417,923)	(183,272,005)	(25,199,715)	(157,236,144)		(51,235,576)	(7,417,923)	(555,630)	(7,370,570)		(602,984)
Variance WMS – Sub-account CBR Class A ⁵	1580	554,306		554,306		0	1,757		1,757		0	0				0	0				C
Variance WMS – Sub-account CBR Class B ⁵	1580	5,967,910	1,535,334			7,503,244	19,743	14,282	19,743		14,282	7,503,244	524,231	5,967,910		2,059,564	14,282	20,888	85,385		(50,215)
RSVA - Retail Transmission Network Charge	1584	66,750,305	(16,414,401)			50,335,904	2,722,331	664,278			3,386,608	50,335,904	8,096,178	66,750,305		(8,318,223)	3,386,608	(83,173)	3,456,545		(153,109)
RSVA - Retail Transmission Connection Charge	1586	35,536,950	(29,949,890)			5,587,061	1,357,063	271,369			1,628,432	5,587,061	8,333,125	35,536,950		(21,616,765)	1,628,432	(278,307)	1,747,948		(397,823)
RSVA - Power ⁴	1588	(22,433,618)	(4,099,996)		(804,747)	(27,338,361)	(261,729)	(265,904)			(527,633)	(27,338,361)	(3,337,116)	(22,433,618)		(8,241,858)	(527,633)	(93,593)	(508,477)		(112,749)
RSVA - Global Adjustment ⁴	1589	94,368,616	(14,088,418)		804,747	81,084,945	3,811,180	1,131,533			4,942,712	81,084,945	56,920,194	94,368,616		43,636,523	4,942,712	274,057	4,812,604		404,166
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	(2,641,804)		(2,737,694)		95,890	899,421	(105,194)	847,748		(53,521)	95,890		95,890		(0)	(53,521)		(53,433)		(88)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	0	8.704.230	(45,304,160)		54.008.390	0	(28,061)	(131.074)		103,013	54,008,390	(13,829,257)			40,179,133	103.013	(18,718)		(993.537)	(909,242)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	0		(1,11 , 11,		0	0	(-, ,	(- /- /		0	0	2,791,740			2,791,740	0	142,065		(,,	142,065
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0				0	0				0	0	_,, _,,			_,,	0	,			
Disposition and Recovery/Refund of Regulatory Balances (2019) ³						-	_				-	-				•	-				_
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0	0				0	0				О
RSVA - Global Adjustment	1589	94,368,616	(14.088.418)	0	804.747	81.084.945	3.811.180	1,131,533	0	0	4.942.712	81,084,945	56,920,194	94,368,616	0	43.636.523	4.942.712	274,057	4.812.604	0	404,166
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(71,247,026)	(66,328,336)	(45,859,045)	(804,747)	(92,521,064)	(818,579)	(1,197,000)	819,096	0	(2,834,676)	(92,521,064)	(22,339,668)	(70,692,141)	0	(44,168,591)	(2,834,676)	(874,740)	(2,629,877)	(993,537)	(2,073,076)
Total Group 1 Balance		23,121,590	(80,416,753)	(45,859,045)	0	(11,436,118)	2,992,600	(65,468)	819,096	0	2,108,037	(11,436,118)	34,580,526	23,676,474	0	(532,067)	2,108,037	(600,683)	2,182,727	(993,537)	(1,668,911)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	9,112,988	4,319,627	3,452,615	1,278,369	11,258,369	216,135	109,612	131,074		194,673	11,258,369	9,612,739	4,810,834		16,060,274	194,673	156,370	139,236		211,807
Total including Account 1568		32,234,578	(76,097,127)	(42,406,430)	1,278,369	(177,750)	3.208.736	44.144	950.170	0	2.302.709	(177,750)	44.193.265	28,487,308	0	15.528.207	2.302.709	(444,312)	2,321,963	(993,537)	(1,457,103)

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB

- Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 21) If the LDC's rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 belances adjusted to remove balances approved for disposition in the 2020 rate

- 31. 2020 on the December 31, 2019 beariness adjusted to reminve teams.
 31. 2020 on the December 31, 2019 beariness adjusted to remove beariness approved for disposition in the 2020 tab April 30, 2021 on the December 31, 2019 beariness adjusted to remove beariness approved for disposition in the 2020 rate decision.
 3 The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data.
 Differences need to be explained. For each Account 1595 sub-accounts, the transfer of the beharine approved for disposition into Account 1595 is to be recorded in "DEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any virtualey sery of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.
- Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1995 (2018) and (2019) will not be eligible for disposition in the 2021 rate application.
- application.

 4 New accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Foundations and State of Accounting Guidance Related to Commodify Pass-Through Accounts 1588 & The amount in the "Transactions" column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principa Adjustments" columns of this DVA Continuity Schedule.
- 5 RRR balance for Account 1580 RSVA Wholesale Market Service Charge should equal to the control account as reported in the RRR. This would include the balance for Account 1580, Variance WMS Sub-account CBR Class B.

Incentive Rate-setting Mechanism Rate Generator for 2021 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										2019					
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2018	Transactions Debit / (Credit) during 2018	OEB-Approved Disposition during 2018	Principal Adjustments ¹ during 2018	Closing Principal Balance as of Dec 31, 2018		Interest Jan 1 to Dec 31, 2018	OEB-Approved Disposition during 2018	Interest Adjustments ¹ during 2018	Closing Interest Amounts as of Dec 31, 2018	Opening Principal Amounts as of Jan 1, 2019	Transactions Debit / (Credit) during 2019	OEB-Approved Disposition during 2019	Principal Adjustments ¹ 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 Adjustments ¹ during 2019	Closing Interest Amounts as of Dec 31, 2019
Group 1 Accounts																					
LV Variance Account	1550	706,353	320,000	312,025	0	714,328	8.068	10.579	5,861		12,787	714,328	396,112	394,328		716,112	12,787	11,213	9,276		14,724
Smart Metering Entity Charge Variance Account	1551	(492,958)	(727,042)	(379,776)	0	(840,224)	3,001	(1,169)	13,241		(11,409)	(840,224)	(40,665)	(113,182)		(767,707)	(11,409)	(37,331)	(19,076)		(29,664)
RSVA - Wholesale Market Service Charge ⁵	1580	(51,235,576)	(4,206,092)	(26,035,862)	0	(29,405,806)	(602,984)	(497,277)	(498,414)		(601,847)	(29,405,806)	(5,295,316)	(25,199,715)		(9,501,407)	(601,847)	(76,409)	(556,274)		(121,982)
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	0	0	0	0	0		0	0				0	0				0
Variance WMS – Sub-account CBR Class B ⁵	1580	2,059,564	(570,685)	1,535,334	0	(46,455)	(50,215)	6,908	(52,680)		9,373	(46,455)	(1,587,252)	524,231		(2,157,938)	9,373	(22,804)	11,862		(25,293)
RSVA - Retail Transmission Network Charge	1584	(8,318,223)	8,947,315	(16,414,402)	0	17,043,495	(153,109)	200,783	(205,715)		253,388	17,043,495	8,275,362	8,096,178		17,222,678	253,388	281,455	197,730		337,113
RSVA - Retail Transmission Connection Charge	1586	(21,616,765)	17,363,768	(29,949,890)	0	25,696,892	(397,823)	277,670	(446,320)		326,167	25,696,892	(5,718,031)	8,333,125		11,645,737	326,167	350,504	197,868		478,803
RSVA - Power ⁴	1588	(8,241,858)	(5,431,100)	(4,904,742)		(8,768,216)	(112,749)	(152,662)	(98,572)		(166,840)	(8,768,216)	(2,501,345)	(3,337,116)	11,758,216	3,825,770	(166,840)	(127,472)	(73,995)		(220,317)
RSVA - Global Adjustment ⁴	1589	43,636,523	(23,898,524)	(13,283,671)	(50,366,169)	(17,344,499)	404,166	274,390	57,211	(127,587)	493,758	(17,344,499)	8,529,428	6,554,025	10,097,236	(5,271,859)	493,758	136,361	341,438		288,680
Disposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595	(0)				(0)	(88)				(88)	(0)				(0)	(88)				(88)
Disposition and Recovery/Refund of Regulatory Balances (2015) ³	1595	0				0	0				0	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2016) ³	1595	40,179,133	(14,888,043)			25,291,090	(909,242)	(91,080)			(1,000,322)	25,291,090	(21,877,042)			3,414,048	(1,000,322)	(4,307)			(1,004,629)
Disposition and Recovery/Refund of Regulatory Balances (2017) ³	1595	2,791,740	(2.695.385)			96,355	142,065	(35,114)			106,951	96,355	90,525			186,880	106.951	(45,301)			61,650
Disposition and Recovery/Refund of Regulatory Balances (2018) ³	1595	0	(6.348.433)			(6.348.433)	0	(711,779)			(711,779)	(6.348,433)	5.866.559			(481.874)		5,230			(706,549)
Disposition and Recovery/Refund of Regulatory Balances (2019) ³	1000	ŭ .	(0,010,100)			(0,010,100)		(111,110)			(111,110)	(0,010,100)	0,000,000			(101,011)	(111,110)	0,200			(100,010)
Refer to the Filing Requirements for disposition eligibility.	1595	0				0	0				0	0	(12,808)			(12,808)	0	(67,869)			(67,869)
RSVA - Global Adjustment	1589	43.636.523	(23.898.524)	(13.283.671)	(50.366.169)	(17.344.499)	404.166	274.390	57,211	(127.587)	493,758	(17,344,499)	8.529.428	6.554.025	10.097.236	(5.271.859)	493.758	136,361	341,438	0	288,680
Total Group 1 Balance excluding Account 1589 - Global Adjustment	1303	(44,168,591)	(8,235,698)	(75,837,313)	(50,500,109)	23,433,025	(2.073.076)	(993,140)	(1,282,599)	(127,387)	(1.783.618)	23,433,025	(22,403,902)	(11,302,151)	11,758,216			266,907	(232,609)	0	(1,284,102)
Total Group 1 Balance		(532,067)	(32,134,222)	(89,120,985)	(50,366,169)	6,088,526	(1,668,911)	(718,751)	(1,225,388)	(127,587)		6,088,526	(13,874,473)	(4,748,127)	21,855,452			403,267	108,829	0	(995,422)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	16,060,274	18,290,141	6,447,545		27,902,870	211,807	410,304	121,812		500,299	27,902,870	18,121,716	12,048,215	(1,974,629)	32,001,742	500,299	717,424	295,181	(265,498)	657,044
Total including Account 1568		15,528,207	(13,844,082)	(82,673,440)	(50,366,169)	33,991,396	(1,457,103)	(308,446)	(1,103,576)	(127,587)	(789,561)	33,991,396	4,247,242	7,300,088	19,880,823	50,819,373	(789,561)	1,120,691	404,010	(265,498)	(338,378)

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
21) If the LDC's rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 belances adjusted to remove balances approved for disposition in the 2020 rate

31. 2020 on the December 31, 2019 beariness adjusted to reminve teams.
31. 2020 on the December 31, 2019 beariness adjusted to remove beariness approved for disposition in the 2020 tab April 30, 2021 on the December 31, 2019 beariness adjusted to remove beariness approved for disposition in the 2020 rate decision.
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Differences need to be explained. For each Account 1595 sub-accounts, the transfer of the beharine approved for disposition into Account 1595 is to be recorded in "DEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any virtualey sery of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1995 (2018) and (2019) will not be eligible for disposition in the 2021 rate application.

apprication.

4 New accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Organization and the Accounting Guidance Related to Commodify Pass-Through Accounts 1588 & The sensure in the "Transactions' column in the DVA Continuity Schedule are to cegulat the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups'adjustments/reversation sereded to derive the claim amount must be shown separately in the "Principa" Adjustments" columns of this DVA Continuity Schedules.

5 RRR balance for Account 1580 RSVA - Wholesale Market Service Charge should equal to the control account as reported in the RRR. This would include the balance for Account 1580, Variance WMS – Sub-account CBR Class B.

\$1,226,675,25

Incentive Rate-setting Mechanism Rate Generator for 2021 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

			2	2020		Projected In	terest on Dec-31	I-2019 Bala	nces		2.1.7 RRR ⁵		
Account Descriptions	Account Number	Principal Disposition during 2020 - instructed by OEB	Interest Disposition during 2020 - instructed by OEB	Closing Principal Balances as of Dec 31, 2019 Adjusted for Disposition during 2020		Projected Interest from Jan 1, 2020 to Dec 31, 2020 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Projected Interest from Jan 1, 2021 to Apr 30, 2021 on Dec 31, 2019 balance adjusted for disposition during 2020 ²	Total Interest	Total Claim	Account Disposition: Yes/No?	As of Dec 31, 2019	Variance RRR vs. 2019 Balance (Principal + Interest)	
Group 1 Accounts													
LV Variance Account	1550	320,000	11,866	396,112	2,858	6,609		9,467	405,579		730,835	(1)	Please provide an explanation of the variance in the Manager's Summary
Smart Metering Entity Charge Variance Account	1551	(727,042)	(14,320)	(40,665)	(15,344)	(3,201)		(18,545)	(59,210)		(797,366)	5	Please provide an explanation of the variance in the Manager's Summary
RSVA - Wholesale Market Service Charge ⁵	1580	(4,206,092)	(155,387)	(5,295,316)	33,405	(88,093)		(54,688)	(5,350,003)		(11,806,620)	(2,183,231)	The variance does not match the value in cell BV25. Please provide an explanation of the variance in the Manager's Summary
Variance WMS – Sub-account CBR Class A ⁵	1580	0	0	0	0			0	0		0	0	
/ariance WMS – Sub-account CBR Class B ⁵	1580	(570,686)	(17,389)	(1,587,252)	(7,904)	(23,898)		(31,802)	(1,619,055)		(2,097,846)	85,385	Please provide an explanation of the variance in the Manager's Summary
SVA - Retail Transmission Network Charge	1584	8,947,316	289,258		47,855	146,295		194,150	8,469,512		17,559,791	(0)	
SVA - Retail Transmission Connection Charge	1586	17,363,768	581,638	(5,718,031)	(102,835)	(15,535)		(118,370)	(5,836,401)		12,124,539	(0)	
SVA - Power ⁴	1588	(5,431,100)	(234,642)	9,256,871	14,325	107,549		121,873	9,378,744		(8,152,763)	(11,758,216)	Please provide an explanation of the variance in the Manager's Summary
SVA - Global Adjustment ⁴	1589	(23,898,523)	(471,631)	18,626,664	760,311	169,285		929,596	19,556,260		(15,080,415)	(10,097,235)	Please provide an explanation of the variance in the Manager's Summary
isposition and Recovery/Refund of Regulatory Balances (2014 and pre-2014) ³	1595			(0)	(88)			(88)	0	No	0	88	Please provide an explanation of the variance in the Manager's Summary
isposition and Recovery/Refund of Regulatory Balances (2015) ³	1595			0	0			0	0	No	0	0	
isposition and Recovery/Refund of Regulatory Balances (2016) ³	1595			3,414,048	(1,004,629)			(1,004,629)	0	No	2,409,419	0	
isposition and Recovery/Refund of Regulatory Balances (2017) ³	1595			186,880	61,650			61,650	248,530	Yes	248,531	0	
risposition and Recovery/Refund of Regulatory Balances (2018) ³	1595			(481,874)	(706,549)			(706,549)	0	No	(1,188,423)	0	
Disposition and Recovery/Refund of Regulatory Balances (2019) ³													
tefer to the Filing Requirements for disposition eligibility.	1595			(12,808)	(67,869)			(67,869)	0	No	(80,677)	0	
RSVA - Global Adjustment	1589	(23,898,523)	(471,631)	18,626,664	760,311	169,285	0	929,596	19,556,260		(15,080,415)	(10,097,235)	
otal Group 1 Balance excluding Account 1589 - Global Adjustment		15,696,165	461,024		(1,745,126)	129,727	0	(1,615,399)	5,637,697		11,047,265	(11,758,124)	
otal Group 1 Balance		(8,202,359)	(10,607)	27,019,990	(984,815)	299,012	0	(685,803)	25,193,957		(4,033,150)	(21,855,359)	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568			32,001,742	657,044	440,024		1,097,068	33,098,810		34,879,171	2,220,385	Please provide an explanation of the variance in the Manager's Summary
Fotal including Account 1568		(8.202.359)	(10.607)	59,021,731	(327,771)	739.036	0	411,265	58,292,767		30,846,021	(19,634,974)	

For all OEB-Approved dispositions, please ensure that the disposition amount has the same sign (e.g. debit balances are to have a positive figure and credit balance are to have a negative figure) as per the related OEB

Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
21) If the LDC's rate year begins on January 1, 2021, the projected interest is recorded from January 1, 2020 to December 31, 2020 on the December 31, 2019 belances adjusted to remove balances approved for disposition in the 2020 rate

^{31. 2020} on the December 31, 2019 beariness adjusted to reminve teams.
31. 2020 on the December 31, 2019 beariness adjusted to remove beariness approved for disposition in the 2020 tab April 30, 2021 on the December 31, 2019 beariness adjusted to remove beariness approved for disposition in the 2020 rate decision.
3 The individual sub-accounts as well as the total for all Account 1595 sub-accounts is to agree to the RRR data.
Differences need to be explained. For each Account 1595 sub-accounts, the transfer of the beharine approved for disposition into Account 1595 is to be recorded in "DEB Approved Disposition" column. The recovery/refund is to be recorded in the "Transaction" column. Any virtualey sery of Account 1595 is only to be disposed once on a final basis. No further dispositions of these accounts are generally expected thereafter, unless justified by the distributor.

Refer to Filing Requirements for disposition eligibility of the sub-accounts. Select "yes" column BU if the sub-account is requested for disposition. Note that Accounts 1995 (2018) and (2019) will not be eligible for disposition in the 2021 rate application.

application.

4 New accounting guidance effective January 1, 2019 for Accounts 1588 and 1589 was issued Feb. 21, 2019 titled Accounting Foundations and State of Accounting Guidance Related to Commodify Pass-Through Accounts 1588 & The amount in the "Transactions" column in this DVA Continuity Schedule are to equal the transactions in the General Ledger (excluding any amounts approved for disposition, which is shown separately in the "OEB Approved Disposition" columns). Any true-ups/adjustments/reversals needed to derive the claim amount must be shown separately in the "Principa Adjustments" columns of this DVA Continuity Schedule.

⁵ RRR balance for Account 1580 RSVA - Wholesale Market Service Charge should equal to the control account as reported in the RRR. This would include the balance for Account 1580, Variance WMS – Sub-account CBR Class B.

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

ata on this worksheet has been populated using your most recent RRR filing.								
f you have identified any issues, please contact the OEB.								
lave 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

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)	1595 Recovery Proportion (2017) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,702,958,399	0	101,716,029	0	0	0	4,702,958,399	0	-39.9%	4,641,165	614,974
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh	276,756,856	0	884,543	0	0	0	276,756,856	0	-2.4%	338,854	80,403
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,358,432,334	0	344,930,237	0	0	0	2,358,432,334	0	-7.9%	4,358,464	71,643
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA	9,732,261,340	24,589,478	6,749,523,458	17,524,821	51,852,564	103,742	9,680,408,776	24,485,736	93.1%	16,263,258	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA	4,592,046,302	10,151,753	4,439,686,439	9,818,488	434,658	14,776	4,591,611,644	10,136,977	58.8%	4,404,873	
LARGE USE SERVICE CLASSIFICATION	kVA	2,156,432,881	4,568,968	1,911,193,687	4,100,000	245,239,200	468,968	1,911,193,681	4,100,000	-3.1%	3,092,196	
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0	0	0	0	0.0%		
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	40,347,093	0	119,728	0	0	0	40,347,093	0	-0.4%		
STREET LIGHTING SERVICE CLASSIFICATION	kVA	114,740,978	330,084	114,740,978	330,084	0	0	114,740,978	330,084	1.9%		
	Total	23 973 976 183	30 640 283	13 662 705 000	31 773 303	297 526 422	587 486	23 676 449 761	39 052 797	100.00%	33 008 810	767 020

Threshold Test

Total Claim (including Account 1568)
Total Claim for Threshold Test (All Group 1 Accounts)
Threshold Test (Total claim per kWh) ²

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.



\$60,258,375

\$28,728,686

\$0.0012

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.

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

No input required. This worksheet 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)				LV Variance	Smart Meter Entity Charge	WMS	Transmission Network	Transmission Connection po	OWER F	tesidual Reg balar	LRAM
		% of Customer	% of Total kWh adjusted for			allocated based on Total less WMP			allocated based on Total less WMP		
Rate Class	% of Total kWh		WMP	1550	1551	1580	1584	1586	1588	1595_(2017)	1568
RESIDENTIAL SERVICE CLASSIFICATION	19.6%	80.2%	19.9%	79,562	(47,473)	(1,062,695)	1,661,458	(1,144,923)	1,862,942	(99,164)	4,641,165
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	1.2%	10.5%	1.2%	4,682	(6,207)	(62,537)	97,772	(67,376)	109,629	(5,965)	338,854
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	9.8%	9.3%	10.0%	39,899	(5,530)	(532,919)	833,186	(574,154)	934,225	(19,634)	4,358,464
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	40.6%	0.0%	40.9%	164,645	0	(2,187,415)	3,438,207	(2,369,293)	3,834,615	231,332	16,263,258
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	19.2%	0.0%	19.4%	77,686	0	(1,037,535)	1,622,275	(1,117,922)	1,818,835	146,037	4,404,873
LARGE USE SERVICE CLASSIFICATION	9.0%	0.0%	8.1%	36,481	0	(431,859)	761,823	(524,978)	757,064	(7,704)	3,092,196
STANDBY POWER SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0	0	0	0	0	0	0	0
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.2%	0.0%	0.2%	683	0	(9,117)	14,254	(9,822)	15,982	(994)	0
STREET LIGHTING SERVICE CLASSIFICATION	0.5%	0.0%	0.5%	1,941	0	(25,927)	40,536	(27,933)	45,451	4,623	0
Total	100.0%	100.0%	100.0%	405,579	(59,210)	(5,350,003)	8,469,512	(5,836,401)	9,378,744	248,530	33,098,810

^{**} Used to allocate Account 1551 as this account records the variances arising from the Smart Metering Entity Charges to Residential and GS<50 customers.

58,698

228

57,751

185

Incentive Rate-setting Mechanism Rate Generator for 2021 Filers

	···· ,· ··· · · · · · · · · · · · · ·		1			
1b	The year Account 1580 CBR Class B was last disposed	2018	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, 2016, the period the GA variance accumulated would be 2017 to 2019.)			
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)?		(If you received approval to dispose of the CBR Class B account balance as at December 31, 2016, the period the GA variance accumulated would be 2017 to 2019.)			
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).	6				
		Transition Customers	s - Non-loss Adjusted Billing Determinants by Customer			
			D. J. Ol		20	-•
		Customer Customer 1	Rate Class LARGE USE SERVICE CLASSIFICATION	kWh	January to June 34,424,489	July to December 34,509,38
		Customer 1	LANGE USE SERVICE CLASSIFICATION	kW	79.010	98,26
		1		Class A/B	A 75,010	B 50,20
		Customer 2	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	117,707,994	113,669,14
				kW	260,726	251,43
				Class A/B	В	А
		Customer 3	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	76,326,052	70,091,07
				kW	183,764	165,48
				Class A/B	Α	В
		Customer 4	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	86,637,639	87,795,19
				kW	220,546	222,91
			CENTERAL CERVICE TO TO OCCUPA CERVICE CLASSIFICATION	Class A/B	B 22.004.405	A 22.047.07
		Customer 5	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	23,091,486	22,847,07

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

Customer 6

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).

In the table, enter the total Class A consumption for full year Class A customers in each rate class for each year (including transition customers identified in table 3a above if they were a full year Class A customer for a particular year).

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

Rate Classes with Class A Customers - billing Determinants by Rate Class			
	Rate Class		2019
Rate Class 1	LARGE USE SERVICE CLASSIFICATION	kWh	1,648,371,132
		kW	3,248,377
Rate Class 2	GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	253,231,651
		kW	636,944
Rate Class 3	GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	3,238,145,432
		kW	6.842.730

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

2018

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

		Total	2019
Non-RPP Consumption Less WMP Consumption	Α	13,662,795,099	13,662,795,099
Less Class A Consumption for Partial Year Class A Customers	В	335,385,203	335,385,203
Less Consumption for Full Year Class A Customers	С	5,139,748,216	5,139,748,216
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	8,187,661,681	8,187,661,681
All Class B Consumption for Transition Customers	E	331,901,160	331,901,160
Transition Customers' Portion of Total Consumption	F = E/D	4.05%	

Allocation of Total GA Balance \$

Total GA Balance	G	\$ 19,556,260
Transition Customers Portion of GA Balance	H=F*G	\$ 792,747
GA Balance to be disposed to Current Class B Customers through Rate Rider	I=G-H	\$ 18,763,513

Allocation of GA Balances to Class A/B Transition Customers

# of Class A/B Transition Customers	6					
Customer	the Period When They Were Class	Metered Consumption (kWh) for Transition Customers During the Period When They Were Class B Customers in 2019		Customer Specific GA Allocation for the Period When They Were Class B customers	Equ	nthly ual yments
Customer 1	34,509,385	34,509,385	10.40%	\$ 82,426	\$	6,869
Customer 2	117,707,994	117,707,994	35.46%	\$ 281,146	\$	23,429
Customer 3	70,091,075	70,091,075	21.12%	\$ 167,413	\$	13,951
Customer 4	86,637,639	86,637,639	26.10%	\$ 206,934	\$	17,245
Customer 5	22,847,075	22,847,075	6.88%	\$ 54,570	\$	4,548
Customer 6	107,992	107,992	0.03%	\$ 258	\$	21
Total	331,901,160	331,901,160	100.00%	\$ 792,747		

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)

9 e.	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 2019 Consumption excluding WMP	Total Metered 2019 Consumption for Class A Customers that were Class A for the entire period GA balance accumulated	Total Metered 2019 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	101,716,029	0	0	101,716,029	1.3%	\$242,949	\$0.00239	kWh
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh	884,543	0	0	884,543	0.0%	\$2,113	\$0.00239	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	344,930,237	0	186,828	344,743,409	4.4%	\$823,421	\$0.00239	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kWh	6,749,523,458	253,231,651	220,371,396	6,275,920,411	79.9%	\$14,990,059	\$0.00239	kWh
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kWh	4,439,686,439	3,238,145,432	377,794,264	823,746,742	10.5%	\$1,967,522	\$0.00239	kWh
LARGE USE SERVICE CLASSIFICATION	kWh	1,911,193,687	1,648,371,132	68,933,874	193,888,680	2.5%	\$463,104	\$0.00239	kWh
STANDBY POWER SERVICE CLASSIFICATION	kWh	0	0	0	0	0.0%	\$0	\$0.00000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	119,728	0	0	119,728	0.0%	\$286	\$0.00239	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kWh	114,740,978	0	0	114,740,978	1.5%	\$274,059	\$0.00239	kWh
	Total	13,662,795,099	5,139,748,216	667,286,363	7,855,760,520	100.0%	\$18,763,513		

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	2018

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

		Total	2019
Total Consumption Less WMP Consumption	А	23,676,449,761	23,676,449,761
Less Class A Consumption for Partial Year Class A Customers	В	335,385,203	335,385,203
Less Consumption for Full Year Class A Customers	С	5,139,748,216	5,139,748,216
Total Class B Consumption for Years During Balance Accumulation	D = A-B-C	18,201,316,343	18,201,316,343
All Class B Consumption for Transition Customers	E	331,901,160	331,901,160
Transition Customers' Portion of Total Consumption	F = E/D	1.82%	

Allocation of Total CBR Class B Balance \$

Total CBR Class B Balance	G	-\$	1,619,055
Transition Customers Portion of CBR Class B Balance	H=F*G	-\$	29,523
CBR Class B Balance to be disposed to Current Class B Customers			
through Rate Rider	I=G-H	-\$	1,589,531

Allocation of CBR Class B Balances to Transition Customers

# of Class A/B Transition Customers	6					
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 2019	% of kWh	Customer Specific CBR Class B Allocation for the Period When They Were Class B Customers	Equ	nthly ual yments
Customer 1	34,509,385	34,509,385	10.40%	-\$ 3,070	-\$	256
Customer 2	117,707,994	117,707,994	35.46%	-\$ 10,470	-\$	873
Customer 3	70,091,075	70,091,075	21.12%	-\$ 6,235	-\$	520
Customer 4	86,637,639	86,637,639	26.10%	-\$ 7,707	-\$	642
Customer 5	22,847,075	22,847,075	6.88%	-\$ 2,032	-\$	169
Customer 6	107,992	107,992	0.03%	-\$ 10	-\$	1
Total	331,901,160	331,901,160	100.00%	-\$ 29,523	-\$	2,460

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

.,		Total Metered 2019 (Minus Wi		Total Metered 2019 for Full Year Class		Total Metered 2019 (Transition Cu		Metered Consumption for Customers (Total Consum Class A and Transition	nption LESS WMP,	% of total kWh	\$ allocated to Current Class B Customers	CBR Class B Rate Rider	Unit
		kWh	kW	kWh	kW	kWh	kW	kWh	kW				
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,702,958,399	0	0	0	0	0	4,702,958,399	0	26.3%	(\$418,340)	(\$0.00009)	kWh
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh	276,756,856	0	0	0	0	0	276,756,856	0	1.5%	(\$24,618)	(\$0.00009)	kWh
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,358,432,334	0	0	0	186,828	413	2,358,245,506	(413)	13.2%	(\$209,772)	(\$0.00009)	kWh
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA	9,680,408,776	24,485,736	253,231,651	636,944	220,371,396	559,908	9,206,805,729	23,288,884	51.5%	(\$818,969)	(\$0.03470)	kVA
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA	4,591,611,644	10,136,977	3,238,145,432	6,842,730	377,794,264	861,414	975,671,947	2,432,833	5.5%	(\$86,789)	(\$0.03520)	kVA
LARGE USE SERVICE CLASSIFICATION	kVA	1,911,193,681	4,100,000	1,648,371,132	3,248,377	68,933,874	177,277	193,888,674	674,345	1.1%	(\$17,247)	(\$0.02520)	kVA
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0	0	0	0	0.0%	\$0	\$0.00000	kVA
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	40,347,093	0	0	0	0	0	40,347,093	0	0.2%	(\$3,589)	(\$0.00009)	kWh
STREET LIGHTING SERVICE CLASSIFICATION	kVA	114,740,978	330,084	0	0	0	0	114,740,978	330,084	0.6%	(\$10,207)	(\$0.03050)	kVA
	Total	23,676,449,761	39,052,797	5,139,748,216	10,728,051	667,286,363	1,599,013	17,869,415,182	26,725,734	100.0%	(\$1,589,531)		

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)
DVA Proposed Rate Rider Recovery Period (in months)
LRAM Proposed Rate Rider Recovery Period (in months)

12	
12	Rate Rider Recovery to be used below
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	Revenue Reconcilation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	4,702,958,399	0	4,702,958,399	0	1,249,708		0.00027	0.00000	0.00099	
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	kWh	276,756,856	0	276,756,856	0	70,000		0.00025	0.00000	0.00122	
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	2,358,432,334	0	2,358,432,334	0	675,072		0.00029	0.00000	0.00185	
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	kVA	9,732,261,340	24,589,478	9,680,408,776	24,485,736	1,464,892	1,647,200	0.0588	0.0664	0.6523	
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	kVA	4,592,046,302	10,151,753	4,591,611,644	10,136,977	728,076	781,300	0.0707	0.0760	0.4280	
LARGE USE SERVICE CLASSIFICATION	kVA	2,156,432,881	4,568,968	1,911,193,681	4,100,000	265,622	325,205	0.0573	0.0782	0.6675	
STANDBY POWER SERVICE CLASSIFICATION	kVA	0	0	0	0	0		0.00000	0.0000	0.00000	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	40,347,093	0	40,347,093	0	10,985		0.00027	0.00000	0.00000	
STREET LIGHTING SERVICE CLASSIFICATION	kVA	114,740,978	330,084	114,740,978	330,084	38,690		0.1156	0.0000	0.0000	

7,214,260.02

¹ When calculating the revenue reconciliation for distributors with Class A customers, the balances of sub-account 1580-CBR Class B will not be taken into consideration if there are Class A customers since the rate riders, if any, are calculated separately.

² Only for rate classes with WMP customers are the Deferral/Variance Account Rate Riders for Non-WMP (column H and J) calculated separately. For all rate classes without WMP customers, balances in account 1580 and 1588 are included in column G and disposed through a combined Deferral/Variance Account and Rate Rider.

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	0.00906	4,702,958,399	-	1.0295	4,841,695,672
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00737	4,702,958,399	-	1.0295	4,841,695,672
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00906	276,756,856	-	1.0295	284,921,183
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00737	276,756,856	-	1.0295	284,921,183
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00882	2,358,432,334	-	1.0295	2,428,006,088
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00659	2,358,432,334	-	1.0295	2,428,006,088
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9842	9,732,261,340	24,589,478		
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3822	9,732,261,340	24,589,478		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8833	4,592,046,302	10,151,753		
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3797	4,592,046,302	10,151,753		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2868	2,156,432,881	4,568,968		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6439	2,156,432,881	4,568,968		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00549	40,347,093	-	1.0295	41,537,332
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00465	40,347,093	-	1.0295	41,537,332
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6543	114,740,978	330,084		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.8403	114,740,978	330,084		

Uniform Transmission Rates	Unit	Ja	2019 In to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.71	\$ 3.83	\$ 3.92	\$ 3.92
Line Connection Service Rate	kW	\$	0.94	\$ 0.96	\$ 0.97	\$ 0.97
Transformation Connection Service Rate	kW	\$	2.25	\$ 2.30	\$ 2.33	\$ 2.33
Hydro One Sub-Transmission Rates	Unit	Ja	2019 In to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Network Service Rate	kW	\$	3.1942	\$ 3.2915	\$ 3.3980	\$ 3.3980
Line Connection Service Rate	kW	\$	0.7710	\$ 0.7877	\$ 0.8045	\$ 0.8045
Transformation Connection Service Rate	kW	\$	1.7493	\$ 1.9755	\$ 2.0194	\$ 2.0194
Both Line and Transformation Connection Service Rate	kW	\$	2.5203	\$ 2.7632	\$ 2.8239	\$ 2.8239
If needed, add extra host here. (I)	Unit	Ji	2019 an to Jun	2019 Jul to Dec	2020	2021
Rate Description			Rate	Rate	Rate	Rate
Rate Description Network Service Rate	kW		Rate	Rate	Rate	Rate
·	kW kW		Rate	Rate	Rate	Rate
Network Service Rate			Rate	Rate	Rate	Rate
Network Service Rate Line Connection Service Rate	kW	\$	Rate -	\$ Rate	\$ Rate	\$ Rate -
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate	kW kW		Rate	\$ Rate - 2019 Jul to Dec	\$ Rate - 2020	\$ Rate - 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate	kW kW kW		- 2019	\$ - 2019	\$ -	\$ -
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II)	kW kW kW		2019 an to Jun	\$ 2019 Jul to Dec	\$ 2020	\$ 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description	kW kW kW		2019 an to Jun	\$ 2019 Jul to Dec	\$ 2020	\$ 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate	kW kW kW		2019 an to Jun	\$ 2019 Jul to Dec	\$ 2020	\$ 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate Line Connection Service Rate	kW kW Unit		2019 an to Jun	\$ 2019 Jul to Dec	\$ 2020	\$ 2021
Network Service Rate Line Connection Service Rate Transformation Connection Service Rate Both Line and Transformation Connection Service Rate If needed, add extra host here. (II) Rate Description Network Service Rate Line Connection Service Rate Transformation Connection Service Rate	kW kW W Unit kW kW	J.	2019 an to Jun	2019 Jul to Dec	2020	\$ 2021

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 crate, 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			_			_				_	
Month	Units Billed	Network Rate	Amount	Units Billed	ne Connecti Rate	On Amount	Transfo Units Billed	rmation Co Rate	nnection	Tot	al Connection Amount
January February	3,840,875 3,723,885	\$3.71 \$3.71	\$ 14,249,646 \$ 13,815,613	3,866,698 3,688,845	\$0.94 \$0.94	\$ 3,634,696 \$ 3,467,514	3,955,729 3,776,331	\$2.25 \$2.25	8,900,390 8,496,745	\$ \$	12,535,086 11,964,259
March	3,646,534	\$3.71	\$ 13,528,641	3,559,802	\$0.94	\$ 3,346,214	3,655,000	\$2.25	8,223,750	\$	11,569,964
April	3,142,558	\$3.71	\$ 11,658,890	3,513,569	\$0.94	\$ 3,302,755	3,602,853	\$2.25	8,106,419	\$	11,409,174
May	2,988,341	\$3.71	\$ 11,087,000	3,065,015	\$0.94	\$ 2,880,843	3,138,065	\$2.25	7,058,207	\$	9,939,050
June	3,665,689	\$3.71	\$ 13,600,018	3,732,845	\$0.94	\$ 3,508,544	3,824,465	\$2.25	8,602,074	\$	12,110,618
July	4,147,384	\$3.83	\$ 15,884,481	4,257,026	\$0.96	\$ 4,086,745	4,335,173	\$2.30	9,970,898	\$	14,057,643
August	4,079,208	\$3.83	\$ 15,623,367	4,031,377	\$0.96	\$ 3,870,122	4,127,139	\$2.30	9,492,420	\$	13,362,542
September	3,668,942	\$3.83	\$ 14,052,048	3,596,304	\$0.96	\$ 3,452,452	3,672,573	\$2.30	8,446,918	\$	11,899,370
October	3,461,688	\$3.83	\$ 13,258,265	3,409,230	\$0.96	\$ 3,272,861	3,478,497	\$2.30	8,000,543	\$	11,273,404
November December	3,489,176 3,644,594	\$3.83 \$3.83	\$ 13,363,544 \$ 13,958,795	3,426,654 3,597,973	\$0.96 \$0.96	\$ 3,289,588 \$ 3,454,054	3,510,188 3,683,973	\$2.30 \$2.30	8,073,432 8,473,138	\$ \$	11,363,020 11,927,192
Total	43,498,874	3.77	\$ 164,080,308	43,745,338	\$ 0.95	\$ 41,566,388	44,759,986	\$ 2.28	\$101,844,934	\$	143,411,322
Hydro One		Network	, . , ,		ne Connecti			rmation Co		To	al Connection
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
			Amount	Omis billed		Amount	Omis bineu		Amount		Amount
January February					\$ - \$ -			\$ - \$ -		\$ \$	-
March					\$ -			\$ -		\$	
April		-			\$ -			\$ -		\$	-
May					\$ -			\$ -		\$	
June					\$ -			\$ - \$ -		\$	-
July					\$ -			\$ -		\$	-
August		-			\$ -			\$ -		\$	- :
September					\$ -			\$ -		\$	-
October					\$ -			\$ -		\$	- :
November		-			\$ -			\$ -		\$	
December		-			\$ -			\$ -		\$	-
Total	- :	-	\$ -		\$ -	\$ -		\$ -	\$ -	\$	
Add Extra Host Here (I)		Network		Lir	ne Connecti	on	Transfo	rmation Co	nnection	Tot	al Connection
(if needed) Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
					e			s -		\$	
January February					¢ .			\$ -		\$	
March					\$ -			\$ -		\$	
April					\$ -			š -		Š	
Mav					¢ -			\$ -		\$	
June					¢ -			\$.		\$	
July					\$ -			Š -		\$	
August		-			\$ -			š -		\$	
September					\$ -			š -		\$	
October		-			š -			š -		Š	
November		-			\$ -			\$ -		\$	-
December	:	-			\$ -			\$ -		\$	
Total		-	\$ -		\$ -	\$ -		\$ -	\$ -	\$	-
		Network		Lir	ne Connecti	on	Transfo	rmation Co	nnection	Tot	tal Connection
Add Extra Host Here (II)											Amount
(if needed)	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate			rimount
(if needed) Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		
(if needed) Month January	Units Billed		Amount	Units Billed	Rate	Amount	Units Billed	\$ -	Amount	\$	-
(if needed) Month January February			Amount	Units Billed	\$ - \$ -	Amount	Units Billed	\$ - \$ -	Amount	\$:
(if needed) Month January February March		- - -	Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ -	Amount	\$ \$:
(if needed) Month January February March April		- - -	Amount	Units Billed	\$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ -	Amount	\$ \$ \$	
(if needed) Month January February March April May		- - -	Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ -	Amount	\$ \$ \$	- - - -
(if needed) Month January February March April May June		- - -	Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ -	Amount	\$ \$ \$ \$	
(if needed) Month January February March April May June July		- - -	Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ -	Amount	\$ \$ \$ \$	
(if needed) Month January February March April May June July August		- - -	Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ -	Amount	***	
(if needed) Month January February March April May June July August September			Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	\$ \$ \$ \$	-
(if needed) Month January February March April May June July August			Amount	Units Billed	\$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	***	
(if needed) Month January February March April May June July August September October			Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	****	-
(if needed) Month January February March April May June July August September October November			Amount \$ -	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount	***	
(if needed) Month January February March April May June July August September October November December			Amount		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$.	****	al Connection
(if needed) Month January February March April May June July August September October November December			Amount \$ -		\$ - \$ 5 - \$ 7 - 5	\$ -		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$.	****	al Connection
(if needed) Month January February March April May June July August September October November December Total Total	Units Billed	- - - -	\$ -	Linus Billed	\$	\$ -	Transfo Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount	****	Amount
(if needed) Month January February March April May June July August September October November December Total Month January	Units Billed 3,840,875	- - - -	Amount \$ 14,249,646	- Lii Units Billed 3,866,698	\$	\$ - On Amount \$ 3,634,696	Transfo Units Billed 3,955,729	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 8,900,390	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08
(if needed) Month January February March April May June July August September October November December Total Total	Units Billed 3.840,875 : 3,723,885	- - - -	\$ -	Linus Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ -	Transfo Units Billed	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08 11,964,25
(if needed) Month January February March April May June July August September October November December Total Month January February	Units Billed 3,840,875 3,723,885	S	Amount \$ 14,249,646 \$ 13,815,613	Units Billed 3,866,698 3,888,845	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ On Amount \$ 3,634,696 \$ 3,467,514	Transfo Units Billed 3,955,729 3,776,331	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 8,900,390 \$ 8,496,745	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08 11,964,25 11,569,96
(if needed) Month January February March April May June July August September October November December Total Total Month January February March	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341	S	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,658,890 \$ 11,087,000	Units Billed 3,866,698 3,686,845 3,559,802 3,513,569 3,065,015	\$	\$	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,983,341 3,665,689	S	Amount \$ 14,249,646 \$ 13,815,613 \$ 11,658,890 \$ 11,087,000 \$ 13,600,018	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845	\$ - \$ - \$ - \$ - \$	\$ Amount \$ 3,634,696 \$ 3,467.514 \$ 3,302.755 \$ 2,880,843 3,508,544	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 8,900,390 \$ 8,496,745 \$ 8,223,750 \$ 7,058,207 \$ 8,602,074	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05 12,110,61
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May	Units Billed 3,840,875 3,723,885 3,646,534 3,142,556 2,988,341 3,665,689 4,147,384	S	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,658,890 \$ 13,600,018 \$ 15,884,481	Units Billed 3,866,698 3,868,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026	\$ - \$ - \$ - \$ - \$	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,302,755 \$ 2,880,843 \$ 3,508,544 \$ 4,086,745	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05 12,110,61 14,057,64
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,983,341 3,665,689 4,147,384 4,079,208	Network Rate 3.7100 3.7100 3.7101 3.7101 3.7101 3.7101 3.7101 3.7303 3	Amount \$ 14,249,646 \$ 13,815,613 \$ 11,658,890 \$ 11,087,000 \$ 13,600,018 \$ 15,884,481 \$ 15,623,367	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377	\$	\$ Amount \$ 3,634,696 \$ 3,467.514 \$ 3,346,214 \$ 3,302,755 \$ 2,880,843 \$ 4,086,745 \$ 3,870,122	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 4,335,173 4,127,139	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 8,900,390 \$ 8,496,745 \$ 8,223,750 \$ 7,058,207 \$ 8,602,074 \$ 9,970,898 \$ 9,492,420	********************************	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05 12,110,61 14,057,64 13,362,54
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June	Units Billed 3,840,875 3,272,885 3,646,534 3,142,558 2,988,341 3,665,699 4,147,384 4,079,208 3,666,942	Network Rate 3.7100 3.7100 3.7101 3.7101 3.7101 3.7101 3.7101 3.7303	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,658,890 \$ 13,600,018 \$ 15,884,481	Units Billed 3,866,698 3,868,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026	\$ - \$ - \$ - \$ - \$	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,302,755 \$ 2,880,843 \$ 3,508,544 \$ 4,086,745 \$ 3,870,122 \$ 3,452,452	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05 12,110,61 14,057,64 13,362,54
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,461,688	Network Rate 3.7100 3.7100 3.7101 3.7101 3.7101 3.7101 3.7101 3.7101 3.7303 3	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,697,000 \$ 13,600,018 \$ 15,884,481 \$ 15,884,481 \$ 15,884,481 \$ 14,052,048	Units Billed 3,866,698 3,688,845 3,559,802 3,513,369 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304	\$	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,346,214 \$ 3,346,214 \$ 4,086,745 \$ 4,086,745 \$ 3,870,122 \$ 3,452,452 \$ 3,472,281	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 4,335,173 4,127,139 3,672,673 3,478,497	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 8,900,390 \$ 8,496,745 \$ 8,223,750 \$ 7,058,207 \$ 8,602,074 \$ 9,970,888 \$ 9,492,420 \$ 8,446,918 \$ 8,000,543	********************************	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,06 12,110,61 14,057,64 13,362,54 11,899,37 11,273,40
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October October November December	Units Billed 3,840,875 3,722,885 3,645,534 3,142,558 2,988,341 3,666,699 4,147,394 4,079,208 3,666,942 3,461,688 3,489,176	Network Rate 3.7100 3.7101 3.7101 3.7101 3.7101 3.7101 3.7101 3.7101 3.7103	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,688,800 \$ 11,087,000 \$ 15,864,481 \$ 15,623,367 \$ 14,052,048 \$ 13,258,265 \$ 13,363,544	Units Billed 3,866,698 3,868,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654	\$	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,346,214 \$ 3,346,214 \$ 3,302,755 \$ 2,880,843 \$ 3,508,544 \$ 4,086,745 \$ 3,870,122 \$ 3,472,861 \$ 3,272,861 \$ 3,272,861	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,184	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	555555555555555555555555555555555555555	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05 12,110,61 14,057,64 13,362,54 11,899,37 11,273,40 11,363,02
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,461,688	Network Rate 3.7100 3.7101 3.7101 3.7101 3.7101 3.7101 3.7101 3.7101 3.7103	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,688,800 \$ 11,087,000 \$ 15,864,481 \$ 15,623,367 \$ 14,052,048 \$ 13,258,265 \$ 13,363,544	Units Billed 3,866,698 3,688,845 3,559,802 3,513,369 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304	\$	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,346,214 \$ 3,346,214 \$ 4,086,745 \$ 4,086,745 \$ 3,870,122 \$ 3,452,452 \$ 3,472,281	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 4,335,173 4,127,139 3,672,673 3,478,497	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ nnection Amount \$ 8,900,390 \$ 8,496,745 \$ 8,223,750 \$ 7,058,207 \$ 8,602,074 \$ 9,970,888 \$ 9,492,420 \$ 8,446,918 \$ 8,000,543		al Connection Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,339,05 12,110,61 13,362,54 11,893,37 11,273,40 11,363,02
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October October November December	Units Billed 3,840,875 3,722,885 3,645,534 3,142,558 2,988,341 3,666,699 4,147,394 4,079,208 3,666,942 3,461,688 3,489,176	Network Rate 3.7100 3.7100 3.7101 3.7101 3.8300 3.8300 3.8300 3.8300 3.8300 3.8300 3.8300 3.8300	Amount \$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,688,800 \$ 11,087,000 \$ 15,864,481 \$ 15,623,367 \$ 14,052,048 \$ 13,258,265 \$ 13,363,544	Units Billed 3,866,698 3,868,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654	\$	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,346,214 \$ 3,346,214 \$ 3,302,755 \$ 2,880,843 \$ 3,508,544 \$ 4,086,745 \$ 3,870,122 \$ 3,472,861 \$ 3,272,861 \$ 3,272,861	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,184	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$	555555555555555555555555555555555555555	Amount 12,535,08 11,964,25 11,569,96 11,409,17 9,939,05 12,110,61 14,057,64 13,362,54 11,899,37 11,273,40 11,363,02
(if needed) Month January February March April May June July August September October November December Total Total Month January February March April May June July August September October October November December	Units Billed 3,840,875 3,722,885 3,645,534 3,142,558 2,988,341 3,663,689 4,147,384 4,079,208 3,666,942 3,461,688 3,489,176 3,644,594	Network Rate 3.7100 3.7100 3.7101	\$ 14,249,646 \$ 13,815,613 \$ 13,528,641 \$ 11,688,800 \$ 11,087,000 \$ 15,824,481 \$ 15,623,367 \$ 14,052,048 \$ 13,258,265 \$ 13,363,544 \$ 13,958,795	Units Billed 3,866,698 3,868,845 3,559,802 3,513,569 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654 3,597,973	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ Amount \$ 3,634,696 \$ 3,467,514 \$ 3,346,214 \$ 3,346,214 \$ 4,086,745 \$ 2,880,843 \$ 4,086,745 \$ 3,870,122 \$ 3,452,452 \$ 3,452,452 \$ 3,454,054 \$ 4,1,566,388	Transfo Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,572,573 3,478,497 3,510,188 3,683,973	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ Amount \$ 8,900,390 \$ 8,496,745 \$ 8,223,750 \$ 8,106,419 \$ 7,058,207 \$ 8,602,074 \$ 9,970,888 \$ 9,492,420 \$ 8,446,918 \$ 8,000,543 \$ 8,073,432 \$ 8,473,138 \$ 101,844,934	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Amount 12,535,08 11,964,25 11,569,66 11,409,17 9,939,05 12,110,61 14,057,64 13,362,54 11,899,37 11,273,40 11,363,02 11,927,19

The purpose of this sheet is to calculate the expected billing when current 2020 Uniform Transmission Rates are applied against historical 2019 transmission units.

Month	IESO		Network		Lir	ne Connectio	n	Transfo	ormation Co	nnection	Tota	al Connection
February 3,722,885 \$3,2000 \$1,4507.620 \$3,0000	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
February 3,722,885 \$3,2000 \$1,4507.620 \$3,0000	January	3.840.875	\$ 3,9200	\$ 15.056.230	3.866.698	\$ 0.9700	\$ 3.750.697	3.955.729	\$ 2.3300	\$ 9.216.849	\$	12.967.546
Methods												
April 2016 2016 2017 2017 2017 2017 2017 2017 2017 2017												
May												
June												
Adv												
Appoint												
Sequenter 3,869,842 \$ 3,300,0 \$ 1,439,2525 3,000,0 \$ 3,446,45 \$ 3,472,773 \$ 2,380 \$ 8,457,005 \$ \$ 1,2204,540												
Cischer 3.461,688 3.3001 \$1.350077 3.462,200 3.00700 3.300,201 3.478,007 2.300,007 5.007,007 3.000,007												
November 3.489170 3.3200 9.136770 3.202364 0.09707 \$ 3.202364 3.2000 \$ 2.2000 \$ 0.09707 \$ 5.												
Total												
Total												
Month	Boomboi	0,011,001	0.0200	Ψ 11,200,000	0,007,070	Ψ 0.0700	ψ 0,100,001	0,000,010	Ψ 2.0000	ψ 0,000,001	Ψ.	12,070,001
Month	Total	43,498,874	\$ 3.92	\$ 170,515,585	43,745,338	\$ 0.97	\$ 42,432,978	44,759,986	\$ 2.33	\$ 104,290,768	\$	146,723,745
January	Hydro One		Network		Lir	ne Connectio	n	Transfo	rmation Co	nnection	Tota	al Connection
February S 3,290 S S 0,294 S S C,294 S S S C,294 S S S C,294 S S S C,294 S S S S S S C,294 S S S S S S S S S	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
March	January	-			-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$	-
April	February	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$	-
Mary S 3,380 S S 0,0504 S S 2,7104 S S S Angust S 3,380 S S S 0,0504 S S S 2,7104 S S S S Angust S 3,380 S S S 0,0504 S S S 2,7104 S S S S S S S S S	March	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$	-
June	April	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$	-
July	May	-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$	-
August	June	-	\$ 3.3980		-	\$ 0.8045		-				-
August		-			-		\$ -	-			\$	-
September		-	\$ 3.3980	\$ -	-	\$ 0.8045		-			\$	-
October		-			-			-			\$	-
Documber S 3.398 S S 0.8945 S S S S S S S S S		-	\$ 3.3980	\$ -	-	\$ 0.8045	\$ -	-	\$ 2.0194	\$ -	\$	-
Documber S 3.398 S S 0.8945 S S S S S S S S S		-			-			-				-
Note		-			-			-			\$	-
Month	Total		\$ -	\$ -		\$ -	ş -		\$ -	\$ -	\$	
January	Add Extra Host Here (I)		Network		Lir	ne Connectio	n	Transfo	ormation Co	nnection	Tota	al Connection
February		Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		
February	lanuary		e	¢		e	e		e	e	e	
March												
April												
May												
June		_			_			_				_
July				1								
August				-								
September S S S S S S S S S												
October S S S S S S S S S		_			_			_				_
November		_		-	_			_				_
Total												
Total S												
Month Units Billed Rate Amount									-			
Month Units Billed Rate Amount Units Billed Rate Amount Units Billed Rate Amount Amount	Total		\$ -	\$ -		\$ -	\$ -		\$ -	\$ -	\$	-
January	Add Extra Host Here (II)		Network		Lir	ne Connectio	n	Transfo	rmation Co	nnection	Tota	al Connection
February	Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount		Amount
March		-			-			-				-
April		-			-			-				-
May		-			-			-				-
July		-			-			-				-
July		-			-			-				-
August -		-		Ŧ	-			-				-
September - S												-
October - S		-		5 -		\$ -	\$ -	-				-
November	August	-			-			-	\$ -	S -		
Total Network Line Connection Transformation Connection Total Connection	August September	-	\$ -	\$ -	-	\$ -	\$ -	-				
Total Network Line Connection Transformation Connection Total Connection	August September October		\$ - \$ -	\$ - \$ -		\$ - \$ -	\$ - \$ -	-	\$ -	\$ -	\$	-
Month Units Billed Rate Amount Amount Amount January 3,840,875 \$ 3,9200 \$ 14,597,629 3,686,698 \$ 0,9700 \$ 3,750,897 3,955,729 \$ 2,3300 \$ 9,216,849 \$ 12,967,546 March 3,646,634 \$ 3,9200 \$ 14,294,413 3,559,802 \$ 0,9700 \$ 3,453,008 3,655,000 \$ 2,3300 \$ 8,798,851 \$ 12,397,031 April 3,142,558 \$ 3,9200 \$ 12,318,827 \$ 5,13,569 \$ 0,9700 \$ 3,463,008 3,665,000 \$ 2,3300 \$ 8,716,150 \$ 11,969,158 June 3,665,689 \$ 3,9200 \$ 11,42,297 3,065,015 \$ 0,9700 \$ 2,973,065 3,138,065 \$ 2,3300 \$ 7,311,691 \$ 10,284,756	August September October November	- - - -	\$ - \$ - \$ -	\$ - \$ - \$ -	- - - -	\$ - \$ - \$ -	\$ - \$ - \$ -	- - -	\$ - \$ -	\$ - \$ -	\$	-
Month Units Billed Rate Amount Amount </td <td>August September October November December</td> <td>- - - -</td> <td>\$ - \$ - \$ - \$ -</td> <td>\$ - \$ - \$ - \$ -</td> <td>-</td> <td>\$ - \$ - \$ - \$ -</td> <td>\$ - \$ - \$ - \$ -</td> <td>-</td> <td>\$ - \$ - \$ -</td> <td>\$ - \$ - \$ -</td> <td>\$ \$ \$</td> <td>-</td>	August September October November December	- - - -	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	-	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	-	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ \$ \$	-
January 3,840,875 \$ 3,9200 \$ 15,056,230 3,866,698 \$ 0,9700 \$ 3,750,697 3,955,729 \$ 2,3300 \$ 9,216,849 \$ 12,967,546 February 3,723,885 \$ 3,9200 \$ 14,597,629 3,688,845 \$ 0,9700 \$ 3,578,180 3,776,331 \$ 2,3300 \$ 8,798,851 \$ 12,377,031 March 3,646,534 \$ 3,9200 \$ 14,294,413 3,559,802 \$ 0,9700 \$ 3,463,008 3,655,000 \$ 2,3300 \$ 8,516,150 \$ 11,969,158 April 3,142,558 \$ 3,9200 \$ 12,318,827 3,513,569 \$ 0,9700 \$ 3,408,162 3,602,853 \$ 2,3300 \$ 8,946,47 \$ 11,802,845 \$ 1,909,188 \$ 1,909,189 \$ 1,90	August September October November December Total	: : : :	\$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ -	-	\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -	Transfr	\$ - \$ - \$ -	\$ - \$ - \$ -	\$	al Connection
February 3,723,885 \$ 3,920 \$ 14,597,629 3,688,845 \$ 0,970 \$ 3,578,180 3,776,331 \$ 2,3300 \$ 8,798,851 \$ 12,377,031 March 3,646,534 \$ 3,920 \$ 14,294,413 3,558,902 \$ 0,9700 \$ 3,458,308 3,655,008 \$ 2,3300 \$ 8,798,851 \$ 11,961,289 April 3,142,558 \$ 3,9200 \$ 12,318,827 3,513,569 \$ 0,9700 \$ 3,408,162 3,602,853 \$ 2,3300 \$ 8,394,647 \$ 11,802,809 May 2,988,341 \$ 3,9200 \$ 11,714,297 3,065,105 \$ 2,973,065 3,138,065 \$ 2,3300 \$ 7,311,691 \$ 10,284,756 Jule 3,665,698 \$ 3,9200 \$ 14,369,9500 3,732,845 \$ 0,9700 \$ 3,620,860 3,824,465 \$ 2,3300 \$ 7,311,691 \$ 10,284,756 July 4,147,384 \$ 3,9200 \$ 16,257,745 4,257,026 \$ 0,9700 \$ 4,129,315 4,335,173 \$ 2,3300 \$ 10,00,955 \$ 14,230,268 September 3,669,842 \$ 3,9200 \$ 1,369,990,495 4,317,373 <t< td=""><td>August September October November December Total</td><td></td><td>\$ - \$ - \$ - \$ - \$ - Network</td><td>\$ - \$ - \$ - \$ -</td><td></td><td>\$ - \$ - \$ - \$ -</td><td>\$ - \$ - \$ - \$ - \$ -</td><td></td><td>\$ - \$ - \$ -</td><td>\$ - \$ - \$ - \$ -</td><td>\$</td><td></td></t<>	August September October November December Total		\$ - \$ - \$ - \$ - \$ - Network	\$ - \$ - \$ - \$ -		\$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ -		\$ - \$ - \$ -	\$ - \$ - \$ - \$ -	\$	
March 3,646,634 \$ 3,920 \$ 14,294,413 3,559,802 \$ 0,970 \$ 3,453,008 3,655,000 \$ 2,3300 \$ 8,516,150 \$ 11,969,158 April 3,142,558 \$ 3,9200 \$ 12,318,827 3,513,569 \$ 0,9700 \$ 2,973,065 3,602,853 \$ 2,3300 \$ 8,394,647 \$ 11,802,809 May 2,988,341 \$ 3,9200 \$ 11,714,297 3,065,015 \$ 0,9700 \$ 2,973,065 3,138,065 \$ 2,3300 \$ 8,394,647 \$ 11,802,809 June 3,665,689 \$ 3,9200 \$ 11,714,297 3,065,015 \$ 0,9700 \$ 3,620,860 3,824,465 \$ 2,3300 \$ 8,911,004 \$ 12,531,864 July 4,147,384 \$ 3,9200 \$ 16,257,745 42,706 \$ 0,9700 \$ 3,620,860 3,824,465 \$ 2,3300 \$ 8,911,004 \$ 12,531,864 August 4,079,208 \$ 3,9200 \$ 16,590,495 4,031,377 \$ 0,9700 \$ 3,910,436 4,127,139 \$ 2,3300 \$ 9,162,234 \$ 13,526,670 September 3,668,942 \$ 3,9200 \$ 13,569,3617 3,409,	August September October November December Total Total	Units Billed	\$ - S - S - S - S - S - S - S - S - S -	\$ - \$ - \$ - \$ - \$ -	Units Billed	\$ - \$ - \$ - \$ - \$ - Rate	\$ - \$ - \$ - \$ - \$ - Amount	Units Billed	\$ - \$ - \$ - \$ - ormation Co	\$ - \$ - \$ - nnection	\$ \$ \$ Tota	Amount
April 3,142,558 \$ 3,920 \$ 1,2318,827 3,513,569 \$ 0,970 \$ 3,408,162 3,602,863 \$ 2,3300 \$ 8,394,647 \$ 1,802,809 May 2,988,341 \$ 3,920 \$ 1,4369,500 3,732,845 \$ 0,970 \$ 3,620,860 3,824,465 \$ 2,3300 \$ 8,394,647 \$ 1,202,809 July 4,147,384 \$ 3,920 \$ 14,369,500 3,732,845 \$ 0,970 \$ 3,620,860 3,824,465 \$ 2,3300 \$ 8,911,004 \$ 12,251,864 August 4,079,208 \$ 3,920 \$ 16,257,745 4,257,026 \$ 0,9700 \$ 3,910,436 4,127,139 \$ 2,3300 \$ 1,010,953 \$ 14,230,268 September 3,666,894 \$ 3,920 \$ 14,382,253 3,596,304 \$ 0,9700 \$ 3,488,415 3,672,573 \$ 2,3300 \$ 16,623,459 \$ 13,526,502 October 3,461,688 \$ 3,920 \$ 13,682,693 \$ 0,9700 \$ 3,488,415 3,672,573 \$ 2,3300 \$ 8,567,095 \$ 12,045,510 November 3,461,688 \$ 3,920 \$ 13,677,570 3,426,654	August September October November December Total Month January	Units Billed 3,840,875	\$ - \$ - \$ - \$ - Network Rate \$ 3.9200	\$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 3,866,698	\$ - \$ - \$ - \$ - \$ - Rate \$ 0.9700	\$ - \$ - \$ - \$ - Mount \$ 3,750,697	Units Billed 3,955,729	\$ - \$ - \$ - ormation Co Rate \$ 2.3300	\$ - \$ - \$ - \$ - nnection Amount \$ 9,216,849	\$ \$ \$ Tota	Amount 12,967,546
May 2,883,41 \$ 3,920 \$ 11,714,297 \$ 3,065,015 \$ 0,9700 \$ 2,973,065 \$ 3,138,065 \$ 2,3300 \$ 7,311,691 \$ 10,284,756 \$ 1,000 \$ 1,0	August September October November December Total Total Month January February	Units Billed 3,840,875 3,723,885	\$ - \$ - \$ - \$ - \$ - Network Rate \$ 3.9200 \$ 3.9200	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 3,866,698 3,688,845	\$ - \$ - \$ - \$ - \$ - EConnectio Rate \$ 0.9700 \$ 0.9700	\$ - \$ - \$ - \$ - \$ - Amount \$ 3,750,697 \$ 3,578,180	Units Billed 3,955,729 3,776,331	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - *** ** ** ** ** ** ** ** ** ** ** ** **	\$ \$ \$ Tota	Amount 12,967,546 12,377,031
June 3,665,689 \$ 3,9200 \$ 14,369,500 3,732,845 \$ 0,9700 \$ 3,620,860 3,824,465 \$ 2,3300 \$ 8,911,004 \$ 12,531,864 July 4,147,384 \$ 3,9200 \$ 16,257,745 4,257,026 \$ 0,9700 \$ 3,610,436 4,129,315 4,335,173 \$ 2,3300 \$ 10,100,953 \$ 14,230,268 August 4,079,208 \$ 3,9200 \$ 15,990,495 4,031,377 \$ 0,9700 \$ 3,610,436 4,127,139 \$ 2,3300 \$ 9,616,234 \$ 13,526,670 September 3,668,942 \$ 3,9200 \$ 13,569,504 \$ 0,9700 \$ 3,488,415 3,672,573 \$ 2,3300 \$ 8,657,095 \$ 12,045,516 October 3,461,688 \$ 3,9200 \$ 13,669,817 3,409,230 \$ 0,9700 \$ 3,323,854 3,510,188 \$ 2,3300 \$ 8,677,059 \$ 11,401,515 November 3,489,176 \$ 3,9200 \$ 14,286,808 3,597,973 \$ 0,9700 \$ 3,420,034 3,683,973 \$ 2,3300 \$ 8,583,657 \$ 11,502,592 December 3,644,594 \$ 3,920 \$ 14,286,808	August September October November December Total Month January February March	Units Billed 3,840,875 3,723,885 3,646,534	\$ - \$ - \$ - \$ - \$ - \$ - \$ - Network Rate \$ 3.9200 \$ 3.9200 \$ 3.9200 \$ 3.9200	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 15,056,230 \$ 14,597,629 \$ 14,294,413	Units Billed 3,866,698 3,688,845 3,559,802	\$ - \$ - \$ - \$ - E Connectio Rate \$ 0.9700 \$ 0.9700 \$ 0.9700	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 3,955,729 3,776,331 3,655,000	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - nnection Amount \$ 9,216,849 \$ 8,798,851 \$ 8,516,150	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158
July 4,147,384 \$ 3,920 \$ 16,257,745 4,257,026 \$ 0,9700 \$ 4,129,315 4,335,173 \$ 2,3300 \$ 10,100,953 \$ 14,230,268 August 4,079,208 \$ 3,920 \$ 1,438,253 4,031,377 \$ 0,9700 \$ 3,488,415 3,23300 \$ 16,6234 \$ 13,526,670 September 3,669,942 \$ 3,920 \$ 14,382,253 3,596,304 \$ 0,9700 \$ 3,488,415 3,672,573 \$ 2,3300 \$ 8,57,095 \$ 12,045,510 October 3,461,688 \$ 3,920 \$ 13,677,570 3,426,654 \$ 0,9700 \$ 3,323,854 3,510,188 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 December 3,644,594 \$ 3,920 \$ 14,286,808 3,597,973 \$ 0,9700 \$ 3,490,034 3,683,973 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 Total 43,498,874 \$ 3,92 \$ 170,515,585 43,745,338 \$ 0,970 \$ 42,432,978 44,759,986 \$ 2,33 \$ 104,290,768 \$ 146,723,745	August September October November December Total Total Month January February March April	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569	\$ - \$ - \$ - \$ - E Connectio Rate \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$.750,697 \$ 3,578,180 \$ 3,458,008 \$ 3,458,085 \$ 3,408,162	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809
August 4,079,208 \$ 3,920 \$ 15,990,495 4,031,377 \$ 0,9700 \$ 3,910,436 4,127,139 \$ 2,3300 \$ 9,616,234 \$ 13,526,670 September 3,668,942 \$ 3,9200 \$ 14,382,253 3,596,304 \$ 0,9700 \$ 3,306,953 3,478,497 \$ 2,3300 \$ 8,557,095 \$ 12,045,510 October 3,461,688 \$ 3,9200 \$ 13,569,817 3,409,230 \$ 0,9700 \$ 3,309,6953 3,478,497 \$ 2,3300 \$ 8,157,095 \$ 11,411,851 November 3,489,176 \$ 3,9200 \$ 13,677,570 3,426,664 \$ 0,9700 \$ 3,323,854 3,510,188 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 December 3,644,594 \$ 3,920 \$ 14,286,808 3,597,973 \$ 0,9700 \$ 3,490,034 3,683,973 \$ 2,3300 \$ 8,583,657 \$ 12,073,691 Total 43,498,874 \$ 3.92 \$ 170,515,585 43,745,338 \$ 0.97 \$ 42,432,978 44,759,986 \$ 2.33 \$ 104,290,768 \$ 146,723,745	August September October November December Total Total Month January February March April May	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015	\$ - \$ - \$ - \$ - \$ - EConnection Rate \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756
September 3,668,942 \$ 3,920 \$ 14,382,253 3,596,304 \$ 0,9700 \$ 3,488,415 3,672,573 \$ 2,3300 \$ 8,57,095 \$ 12,045,510 October 3,461,688 \$ 3,920 \$ 13,677,570 3,426,654 \$ 0,9700 \$ 3,323,854 3,510,188 \$ 2,3300 \$ 8,178,738 \$ 11,512,592 December 3,644,594 \$ 3,920 \$ 14,286,808 3,597,973 \$ 0,9700 \$ 3,490,034 3,683,973 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 Total 43,496,874 \$ 3,92 \$ 170,515,585 43,745,338 \$ 0,970 \$ 42,432,978 44,759,986 \$ 2,33 \$ 104,290,768 \$ 146,723,745	August September October November December Total Total Month January February March April May June	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,294,413 \$ 12,316,827 \$ 11,714,297 \$ 14,369,500	Units Billed 3,866,698 3,688,845 3,559,802 3,513,669 3,065,015 3,732,845	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 3,750,697 \$ 3,578,180 3 3,453,008 \$ 3,463,008 \$ 3,463,008 \$ 3,973,065 \$ 3,97	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 9,216,849 \$ 8,798,851 \$ 8,516,150 \$ 8,394,647 \$ 7,311,691 \$ 7,311,691	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864
October 3,461,688 \$ 3,920 \$ 13,569,817 3,409,230 \$ 0,9700 \$ 3,306,953 3,478,497 \$ 2,3300 \$ 8,104,898 \$ 11,411,851 November 3,489,176 \$ 3,9200 \$ 13,677,570 3,426,654 \$ 0,9700 \$ 3,323,854 3,510,188 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 December 3,644,594 \$ 3,920 \$ 14,286,808 3,597,973 \$ 0,9700 \$ 3,490,034 3,683,973 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 Total 43,498,874 \$ 3,92 \$ 170,515,585 43,745,338 \$ 0,970 \$ 42,432,978 44,759,986 \$ 2,33 \$ 104,290,768 \$ 146,723,745	August September October November December Total Month January February March April May June July	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,218,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,463,008 \$ 3,408,162 \$ 2,973,065 \$ 3,620,860 \$ 4,129,315	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 9,216,849 \$ 8,798,851 \$ 8,516,150 \$ 8,394,647 \$ 7,311,691 \$ 8,911,004 \$ 10,100,953	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268
November December 3,489,176 \$ 3,920 \$ 13,677,570 3,426,654 \$ 0,9700 \$ 3,323,854 3,510,188 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 December 3,644,594 \$ 3,920 \$ 14,286,808 3,597,973 \$ 0,9700 \$ 3,490,034 3,683,973 \$ 2,3300 \$ 8,178,738 \$ 11,502,592 Total 43,498,874 \$ 3,92 \$ 170,515,585 43,745,338 0,97 \$ 42,432,978 44,759,986 \$ 2,33 \$ 104,290,768 \$ 146,723,745	August September October November December Total Total Month January February March April May June July August	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,294,421 \$ 12,318,827 \$ 11,714,297 \$ 14,368,500 \$ 16,257,745 \$ 15,990,495	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377	\$ \$ \$ \$ \$ \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700 \$ 0.9700	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 3,955,729 3,776,331 3,655,003 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139	\$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 9,216,849 \$ 8,798,851 \$ 8,346,647 \$ 7,311,691 \$ 8,911,004 \$ 10,100,953 \$ 9,616,234	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670
December 3,644,594 \$ 3,920 \$ 14,286,808 3,597,973 \$ 0,970 \$ 3,490,034 3,683,973 \$ 2,330 \$ 8,583,657 \$ 12,073,691 Total 43,498,874 \$ 3.92 \$ 170,515,585 43,745,338 \$ 0.97 \$ 42,432,978 44,759,986 \$ 2.33 \$ 104,290,768 \$ 146,723,745	August September October November December Total Total Month January February March April May June July August September	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,203 3,668,942	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297 \$ 14,366,500 \$ 16,257,745 \$ 15,990,495 \$ 14,382,253	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 4,129,315 \$ 3,910,436 \$ 3,910,438 \$ 3,910,438	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,060 3,824,465 4,335,173 4,127,139 3,672,573	\$ \$ \$ prmation Co Rate \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300	\$ - \$ - \$ - \$ - \$ - \$ - \$ 9,216,849 \$ 8,798,851 \$ 8,516,150 \$ 8,516,150 \$ 8,911,004 \$ 10,100,933 \$ 9,616,234 \$ 8,557,095	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670 12,045,510
Total 43,498,874 \$ 3.92 \$170,515,585 43,745,338 \$ 0.97 \$ 42,432,978 44,759,986 \$ 2.33 \$104,290,768 \$ 146,723,745	August September October November December Total Total Month January February March April May June July August September October	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,461,688	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,218,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745 \$ 15,990,495 \$ 14,382,253 \$ 13,569,817	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230	\$ \$ \$ \$ \$ \$ 0.9700 \$ 0.9700	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497	\$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670 12,045,510 11,411,851
	August September October November December Total Total Month January February March April May June July August September October November	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,461,688 3,489,176	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745 \$ 15,990,451 \$ 15,990,569,817 \$ 13,877,570	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654	\$	Amount \$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 3,620,860 \$ 4,129,315 \$ 3,910,436 \$ 3,488,415 \$ 3,306,953 \$ 3,323,854	3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,188	\$ \$ \$ Trmation Co Rate \$ 2.3300 \$ 2.3000 \$ 2.	\$ - \$ - \$ - \$ - \$ - \$ - \$ 9,216,849 \$ 8,798,851 \$ 8,516,150 \$ 8,516,150 \$ 10,100,953 \$ 8,911,004 \$ 10,100,953 \$ 8,911,004 \$ 10,100,953 \$ 8,178,798 \$ 8,178,798	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670 12,045,510 11,411,851 11,502,592
	August September October November December Total Total Month January February March April May June July August September October November	Units Billed 3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,461,688 3,489,176	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745 \$ 15,990,451 \$ 15,990,569,817 \$ 13,877,570	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654	\$	Amount \$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 3,620,860 \$ 4,129,315 \$ 3,910,436 \$ 3,488,415 \$ 3,306,953 \$ 3,323,854	3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,188	\$ \$ \$ Trmation Co Rate \$ 2.3300 \$ 2.3000 \$ 2.	\$ - \$ - \$ - \$ - \$ - \$ - \$ 9,216,849 \$ 8,798,851 \$ 8,516,150 \$ 8,516,150 \$ 10,100,953 \$ 8,911,004 \$ 10,100,953 \$ 8,911,004 \$ 10,100,953 \$ 8,178,798 \$ 8,178,798	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670 12,045,510 11,411,851 11,502,592
Low Voltage Switchese Credit It's amiliable Commission of the Comm	August September October November December Total Total Month January February March April May June July August September October November December	Units Billed 3,840,875 3,723,885 3,646,534 1,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,666,445,461,688 3,489,476 3,644,594	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745 \$ 14,382,253 \$ 13,569,817 \$ 13,677,570 \$ 14,286,808	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,722,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654 3,597,973	\$	Amount \$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 4,129,315 \$ 3,620,860 \$ 4,129,315 \$ 3,910,436 \$ 3,488,415 \$ 3,306,953 \$ 3,323,854 \$ 3,490,034	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,188 3,683,973	\$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Amount 12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670 12,045,510 11,411,851 11,502,592 12,073,691
	August September October November December Total Total Month January February March April May June July August September October November December	Units Billed 3,840,875 3,723,885 3,646,534 1,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,666,445,461,688 3,489,476 3,644,594	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	Amount \$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745 \$ 14,382,253 \$ 13,569,817 \$ 13,677,570 \$ 14,286,808	Units Billed 3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,722,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654 3,597,973	\$	Amount \$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 4,129,315 \$ 3,620,860 \$ 4,129,315 \$ 3,910,436 \$ 3,488,415 \$ 3,306,953 \$ 3,323,854 \$ 3,490,034	Units Billed 3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,188 3,683,973	\$ \$	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	12,967,546 12,377,031 11,969,158 11,802,809 10,284,756 12,531,864 14,230,268 13,526,670 12,045,510 11,411,851 11,502,592

Total including deduction for Low Voltage Switchgear Credit \$ 135,657,346

The nurrose of this sheet is to calculate the expected billing when forecasted 2021 Uniform Transmission Rates are applied against historical 2019 transmission units

IESO		Network		Lin	ne Connectio	n	Transfo	rmation Con	nection	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	3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,461,688 3,489,176 3,644,594	\$ 3.9200 \$ 3.9200	\$ 15,056,230 \$ 14,597,629 \$ 14,294,413 \$ 12,318,827 \$ 11,714,297 \$ 14,369,500 \$ 16,257,745 \$ 15,990,495 \$ 14,382,253 \$ 13,569,817 \$ 13,677,570 \$ 14,286,808	3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654 3,597,973	\$ 0.9700 \$ 0	\$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 3,620,860 \$ 4,129,315 \$ 3,910,436 \$ 3,488,415 \$ 3,306,953 \$ 3,323,854	3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,672,573 3,478,497 3,510,188 3,683,973	\$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300 \$ 2.3300	\$ 9,216,849 \$ 8,798,851 \$ 8,516,150 \$ 8,394,647 \$ 7,311,691 \$ 8,911,004 \$ 10,100,953 \$ 9,616,234 \$ 8,557,095 \$ 8,104,898 \$ 8,178,738 \$ 8,583,657	\$ 12,967,546 \$ 12,377,031 \$ 11,969,158 \$ 11,802,809 \$ 10,284,756 \$ 12,531,864 \$ 14,230,268 \$ 13,526,670 \$ 12,045,510 \$ 11,411,851 \$ 11,502,592 \$ 12,073,891
Total	43,498,874	\$ 3.92	\$ 170,515,585	43,745,338	\$ 0.97	\$ 42,432,978	44,759,986	\$ 2.33	\$ 104,290,768	\$ 146,723,745
Hydro One		Network		Liı	ne Connectio	n	Transfo	rmation Con	nection	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	-	\$ 3.3980 \$ 3.3980	S	: : : : : : :	\$ 0.8045 \$ 0			\$ 2.0194 \$ 2.0194	S S S S S S S S S S S S S S S S S S S	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Add Extra Host Here (I)		Network		Lin	ne Connectio	n	Transfo	rmation Con	nection	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	-		S		\$				\$	
Add Extra Host Here (II)		Network	-	- 1	ne Connectio	_	Transfo	rmation Con		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	-		\$ 5 - 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-	\$ - ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !		- - - - - - - - - - - - - - - - - - -		S S S S S S S S S S S S S S S S S S S	S
Total		Network	-	- 1	ne Connectio		Transfo	rmation Con	·	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	3,840,875 3,723,885 3,646,534 3,142,558 2,988,341 3,665,689 4,147,384 4,079,208 3,668,942 3,481,688 3,489,176 3,644,594	\$ 3.92 \$ 3.92		3,866,698 3,688,845 3,559,802 3,513,569 3,065,015 3,732,845 4,257,026 4,031,377 3,596,304 3,409,230 3,426,654 3,597,973	\$ 0.97 \$	\$ 3,750,697 \$ 3,578,180 \$ 3,453,008 \$ 3,408,162 \$ 2,973,065 \$ 3,620,860 \$ 4,129,315 \$ 3,910,436 \$ 3,488,415 \$ 3,308,953 \$ 3,323,854 \$ 3,490,034	3,955,729 3,776,331 3,655,000 3,602,853 3,138,065 3,824,465 4,335,173 4,127,139 3,572,573 3,478,497 3,510,188 3,683,973	\$ 2.33 \$ 2.33		\$ 12,967,546 \$ 12,377,031 \$ 11,969,158 \$ 11,802,809 \$ 10,224,756 \$ 12,531,864 \$ 14,230,268 \$ 13,526,670 \$ 12,045,510 \$ 11,411,851 \$ 11,502,592 \$ 12,073,691 \$ 146,723,745
							Low Voltage Swit	chgear Credi	it (if applicable)	-\$ 11,066,399

Total including deduction for Low Voltage Switchgear Credit

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 \$/kWh	0.00906 0.00906	4,841,695,672 284,921,183	0	43,865,763 2,581,386	23.3% 1.4%	39,726,868 2,337,823	0.00821 0.00821
Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh	0.00882	2,428,006,088	0	21,415,014	11.4%	19,394,429	0.00821
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.9842	2,420,000,000	24,589,478	74,399,086	39.5%	67,379,261	2.7026
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8833		10,151,753	29,677,085	15.8%	26,876,944	2.6113
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	3.2868		4,568,968	15,225,857	8.1%	13,789,242	2.9767
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.00549	41,537,332	0	228,040	0.1%	206,524	0.00497
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6543		330,084	888,311	0.5%	804,495	2.4039
The purpose of this table is to re-align the current RT	S Connection Rates to recover current wholesale connection costs.							Current	Adjusted
Rate Class	Rate Description	Unit	Current RTSR- Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	RTSR- Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00737	4,841,695,672	0	35,683,297	23.6%	32,045,022	0.00662
Competitive Sector Multi-unit Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00737	284,921,183	0	2,099,869	1.4%	1,885,766	0.00662
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00659	2,428,006,088	0	16,000,560	10.6%	14,369,140	0.00592
General Service 50 To 999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3822		24,589,478	59,390,625	39.3%	53,335,147	2.1393
General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW \$/kW	2.3797 2.6439		10,151,753 4,568,968	24,493,656 12,247,671	16.2% 8.1%	21,996,279 10,998,896	2.1371 2.3743
Large Use Service Classification Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00465	41.537.332	4,566,966	193,149	0.1%	173.455	0.00418
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.8403	41,007,002	330,084	950,559	0.6%	853,640	2.5507
The nurnose of this table is to undate the re-aligned l	RTS Network Rates to recover future wholesale network costs.								
The purpose of this table is to update the re-anglied i	ATO NELWORK Nates to recover future wholesale network costs.							Forecast	Proposed
Rate Class	Rate Description	Unit	Adjusted RTSR- Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Forecast Wholesale Billing	Proposed RTSR- Network
Rate Class	Rate Description		Network	Billed kWh		Amount	Amount %	Wholesale Billing	RTSR- Network
Rate Class Residential Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh	Network 0.00821	Billed kWh 4,841,695,672	0	Amount 39,726,868	Amount %	Wholesale Billing 39,726,868	RTSR- Network
Rate Class	Rate Description		Network	Billed kWh		Amount	Amount %	Wholesale Billing	RTSR- Network
Rate Class Residential Service Classification Competitive Sector Multi-unit Residential Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh	Network 0.00821 0.00821	Billed kWh 4,841,695,672 284,921,183	0	Amount 39,726,868 2,337,823	Amount % 23.3% 1.4%	Wholesale Billing 39,726,868 2,337,823	RTSR- Network 0.00821 0.00821
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW	0.00821 0.00821 0.00799 2.7026 2.6113	Billed kWh 4,841,695,672 284,921,183	0 0 0 24,589,478 10,151,753	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944	23.3% 1.4% 11.4% 39.5% 15.8%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944	Network 0.00821 0.00821 0.00799 2.7026 2.6113
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW \$/kW	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767	Billed kWh 4,841,695,672 284,921,183 2,428,006,088	0 0 0 24,589,478 10,151,753 4,568,968	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242	23.3% 1.4% 11.4% 39.5% 15.8% 8.1%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242	Network 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kW	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497	Billed kWh 4,841,695,672 284,921,183	0 0 0 24,589,478 10,151,753 4,568,968 0	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524	23.3% 1.4% 11.4% 39.5% 15.8% 8.1% 0.1%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524	RTSR- Network 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW \$/kW	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767	Billed kWh 4,841,695,672 284,921,183 2,428,006,088	0 0 0 24,589,478 10,151,753 4,568,968	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242	23.3% 1.4% 11.4% 39.5% 15.8% 8.1%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242	Network 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kW	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332	0 0 0 24,589,478 10,151,753 4,568,968 0	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495	23.3% 1.4% 11.4% 39.5% 15.8% 8.1% 0.1%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524	RTSR- Network 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kW	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332	0 0 0 24,589,478 10,151,753 4,568,968 0	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524	23.3% 1.4% 11.4% 39.5% 15.8% 8.1% 0.1%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,779,261 26,876,944 13,789,242 206,524 804,495	RTSR- Network 0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned Residual Control of the Service Classification	Rate Description Retail Transmission Rate - Network Service Rate	\$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kW \$/kWh	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted	0 0 0 24,589,478 10,151,753 4,568,968 0 330,084	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed	23.3% 1.4% 11.4% 39.5% 15.8% 8.1% 0.1% 0.5%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale	RTSR- Network 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR-
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned Rate Class	Rate Description Retail Transmission Rate - Network Service Rate RETS Connection Rates to recover future wholesale connection costs. Rate Description	\$/kWh \$/kWh \$/kWh \$/kW \$/kW \$/kWh \$/kWh	0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Adjusted RTSR- Connection	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted Billed kWh	0 0 0 24,589,478 10,151,753 4,568,968 0 330,084 Billed kW	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed Amount	23.3% 1.4% 11.4% 39.5% 15.8% 8.1% 0.19% 0.5% Billed Amount % 23.6% 1.4%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale Billing	RTSR- Network 0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR- Connection 0.00662 0.00662
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned in Rate Class Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kWy S/kW S/kWh S/kWh S/kWh S/kWh	0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Adjusted RTSR-Connection 0.00662 0.00662 0.00592	8illed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted Billed kWh 4,841,695,672	0 0 0 24,589,478 10,151,753 4,568,968 330,084 Billed kW	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed Amount 32,045,022 1,885,766 14,369,140	23.3% 1.4% 11.4% 11.4% 39.5% 15.8% 8.1% 0.15% Billed Amount % 23.6% 1.0.6%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale Billing 32,045,022 1,885,766 14,389,140	RTSR- Network 0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR- Connection 0.00662 0.00662 0.00692
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned if Rate Class Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kWh S/kW S/kW S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh	0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Adjusted RTSR- Connection 0.00662 0.00592 2.1393	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted Billed kWh 4,841,695,672 284,921,183	0 0 0 24,589,478 10,151,753 4,568,968 0 330,084 Billed kW	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed Amount 32,045,022 1,885,766 1,369,140 53,335,147	23.3% 1.4% 11.4% 39.5% 15.8% 8.1% 0.1% 0.5% Billed Amount % 23.6% 1.4% 10.6% 39.3%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale Billing 32,045,022 1,885,766 14,369,140 53,335,147	RTSR- Network 0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR- Connection 0.00662 0.00662 0.00592 2.1393
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service to Service Service Classification General Service 50 To 999 kW Service Classification General Service 10,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned for the propose of the service Classification Rate Class Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service to To 999 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kWV S/kW S/kW S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh	0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Adjusted RTSR-Connection 0.00662 0.00592 2.1393 2.1371	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted Billed kWh 4,841,695,672 284,921,183	0 0 0 24,589,478 10,151,753 4,568,968 0 330,084 Billed kW	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed Amount 32,045,022 1,895,766 14,369,140 53,335,147 21,996,279	23.3% 1.4% 11.4% 11.4% 39.5% 15.8% 8.1% 0.19% 0.5% Billed Amount % 23.6% 1.4% 10.6% 39.3% 16.2%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale Billing 32,045,022 1,885,766 14,369,140 53,335,147 21,996,279	RTSR- Network 0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR- Connection 0.00662 0.00592 2.1393 2.1371
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned if Rate Class Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service 50 To 999 kW Service Classification General Service 10,000 To 4,999 kW Service Classification General Service Classification Large Use Service Classification	Rate Description Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kWh S/kW S/kW S/kWh S/kW S/kWh	0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Adjusted RTSR-Connection 0.00662 0.00662 0.00592 2.1393 2.1371 2.3743	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted Billed kWh 4,841,695,672 284,921,183 2,428,006,088	0 0 0 24,589,478 10,151,753 4,568,968 0 330,084 Billed kW	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed Amount 32,045,022 1,885,766 14,369,140 53,335,147 21,996,279 10,998,896	23.3% 1.4% 11.4% 11.4% 39.5% 8.1% 0.19% 0.5% Billed Amount % 23.6% 1.4% 10.6% 39.3% 16.2% 8.19%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale Billing 32,045,022 1,885,766 14,369,140 53,335,147 21,996,279 10,998,896	RTSR- Network 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR- Connection 0.00662 0.00662 0.00662 0.00592 2.1393 2.1371 2.3743
Residential Service Classification Competitive Sector Multi-unit Residential Service Classification General Service Less Than 50 kW Service Classification General Service 50 To 999 kW Service Classification General Service 1,000 To 4,999 kW Service Classification Large Use Service Classification Unmetered Scattered Load Service Classification Street Lighting Service Classification The purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of this table is to update the re-aligned for the purpose of t	Retail Transmission Rate - Network Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate Retail Transmission Rate - Line and Transformation Connection Service Rate	S/kWh S/kWh S/kWV S/kW S/kW S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh S/kWh	0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Adjusted RTSR-Connection 0.00662 0.00592 2.1393 2.1371	Billed kWh 4,841,695,672 284,921,183 2,428,006,088 41,537,332 Loss Adjusted Billed kWh 4,841,695,672 284,921,183	0 0 0 24,589,478 10,151,753 4,568,968 0 330,084 Billed kW	Amount 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Billed Amount 32,045,022 1,895,766 14,369,140 53,335,147 21,996,279	23.3% 1.4% 11.4% 11.4% 39.5% 15.8% 8.1% 0.19% 0.5% Billed Amount % 23.6% 1.4% 10.6% 39.3% 16.2%	Wholesale Billing 39,726,868 2,337,823 19,394,429 67,379,261 26,876,944 13,789,242 206,524 804,495 Forecast Wholesale Billing 32,045,022 1,885,766 14,369,140 53,335,147 21,996,279	RTSR- Network 0.00821 0.00821 0.00821 0.00799 2.7026 2.6113 2.9767 0.00497 2.4039 Proposed RTSR- Connection 0.00662 0.00592 2.1393 2.1371

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 2020 value and will be updated by OEB staff at a later date.

Price Escalator	2.00%	Productivity Factor	0.00%
Choose Stretch Factor Group	V	Price Cap Index	4.530%
Associated Stretch Factor Value	0.60%		

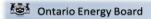
Cn Factor	4.97%	X _{cap}	0.30%
S _{cap}	71.22%		
Growth Factor	0.20%		

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
RESIDENTIAL SERVICE CLASSIFICATION	38.34				4.53%	40.08	0.00000
COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION	31.46				4.53%	32.89	0.00000
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	36.98		0.03421		4.53%	38.66	0.03576
GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION	49.14		7.8922		4.53%	51.37	8.2497
GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION	926		6.5219		4.53%	967.95	6.8173
LARGE USE SERVICE CLASSIFICATION	4099.14		7.0665		4.53%	4,284.83	7.3866
STANDBY POWER SERVICE CLASSIFICATION	239.74				4.53%	250.60	0.0000
STANDBY GENERAL SERVICE 50 to 999 kW SERVICE CLASSIFICATION			7.8922		4.53%	0.00	8.2497
STANDBY GENERAL SERVICE 1,000 to 4,999 kW SERVICE CLASSIFICATION			6.5219		4.53%	0.00	6.8173
STANDBY LARGE USE SERVICE CLASSIFICATION			7.0665		4.53%	0.00	7.3866
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	6.06		0.07618		4.53%	6.33	0.07963
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION (Connection)	0.63				4.53%	0.66	
STREET LIGHTING SERVICE CLASSIFICATION	1.56		34.7952		4.53%	1.63	36.3714
microFIT SERVICE CLASSIFICATION	5.33					4.49	

If applicable, Wheeling Service Rate will be adjusted for PCI on Sheet 19.

^{**}Please note Standby rates will be adjusted for PCI on Sheet 19.

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GA Analysis Workform

Version 1.9

Account 1589	Global Ad	iustment (GA) Analysis	Workform

Input cells		
Drop down cells		
	Utility Name	TORONTO HYDRO-ELECTRIC SYSTEM LIMITED

Note 1

For Account 1589.

a) If the account was last approved on a final basis, select the year that the balance was last approved on a final basis.

b) If the account was last approved on an interim basis, and

i) there are no changes to the previously approved interim balances, select the year that the balances were last approved for diposition on an interim basis. OR

ii) there are changes to the previously approved interim balances, select the year that the balances 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 2017 balances reviewed in the 2019 rate application were to be selected, select 2017)

1) Determine which scenario above applies (a, bi or bii). Select the appropriate year to generate the GA Analysis Workform tabs and the Principal Adjustments tab.

For example:

- Scenario a -If 2018 balances were last approved on a final basis Select 2018 and a GA Analysis Workform for 2019 will be generated. • Scenario bi - If 2018 balances were last approved on an interim basis and there are no changes to 2018 balances - Select 2018 and a GA Analysis Workform for 2019 will be generated.
- Scenario bii If 2018 balances were last approved on an interim basis, there are changes to 2018 balances, and 2017 balances were last approved for disposition - Select 2017 and GA Analysis Workforms for 2018 and 2019 will be generated.
- 2) Complete the GA Analysis Workform for each year generated.

3) Complete the Principal Adjustments tab. Note that the number of years that require principal adjustment reconciliations are all shown in 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.

Year	Annual Net Change in Expected GA Balance from GA Analysis	Net Change in Principal Balance in the GL		Adjusted Net Change in Principal Balance in the GL	Unresolved Difference	\$ Consumption at	
rear	Allitual Net Change in Expected GA Balance Ironi GA Allalysis	Dalatice III tile GL	Reconciling items	GL	Difference	Actual Rate Falu	rayillellis to IE30
2019	\$ 24,970,917	\$ 8,529,428	\$ 17,207,104	\$ 25,736,532	\$ 765,615	\$ 917,190,602	0.1%
Cumulative Balance	\$ 24,970,917	\$ 8,529,428	\$ 17,207,104	\$ 25,736,532	\$ 765,615	\$ 917,190,602	N/A

1.0337

Calculated Loss Factor

Most Recent Approved Loss Factor for Secondary Metered



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

Year	2019			
Total Metered excluding WMP	C = A+B	23,676,449,769	kWh	100%
RPP	A	10,013,654,670	kWh	42.3%
Non RPP	B = D+E	13,662,795,099	kWh	57.7%
Non-RPP Class A	D	5,475,133,418	kWh	23.1%
Non-RPP Class B*	E	8,187,661,681	kWh	34.6%

^{*}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

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

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

2019

Yes

Note 4 Analysis of Expected GA Amount

Calendar Month	Non-RPP Class B Including Loss Factor Billed Consumption (kWh)	Deduct Previous 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 Variance (\$)
	F	G	Н	I = F-G+H	J	K = I*J	L	M = I*L	=M-K
January	715,423,326	781,348,434	794,652,438	728,727,330	0.06741	\$ 49,123,509	0.08092	\$ 58,968,616	\$ 9,845,106
February	746,346,927	794,652,438	724,209,045	675,903,535	0.09657	\$ 65,272,004	0.08812	\$ 59,560,619	\$ (5,711,385)
March	730,266,365	724,209,045	726,802,564	732,859,884	0.08105	\$ 59,398,294	0.08041	\$ 58,929,263	\$ (469,030)
April	701,394,130	726,802,564	741,027,182	715,618,747	0.08129	\$ 58,172,648	0.12333	\$ 88,257,260	\$ 30,084,612
May	679,593,287	741,027,182	689,993,069	628,559,173	0.12860	\$ 80,832,710	0.12604	\$ 79,223,598	\$ (1,609,111)
June	662,665,969	689,993,069	681,514,378	654,187,279	0.12444	\$ 81,407,065	0.13728	\$ 89,806,830	\$ 8,399,765
July	640,714,066	681,514,378	881,366,898	840,566,586	0.13527	\$ 113,703,442	0.09645	\$ 81,072,647	\$ (32,630,795)
August	740,575,370	881,366,898	995,196,431	854,404,903	0.07211	\$ 61,611,138	0.12607	\$ 107,714,826	\$ 46,103,689
September	768,736,507	995,196,431	822,568,524	596,108,599	0.12934	\$ 77,100,686	0.12263	\$ 73,100,798	\$ (3,999,889)
October	687,693,631	822,568,524	742,910,887	608,035,994	0.17878	\$ 108,704,675	0.13680	\$ 83,179,324	\$ (25,525,351)
November	633,876,964	742,910,887	781,200,245	672,166,322	0.10727	\$ 72,103,281	0.09953	\$ 66,900,714	\$ (5,202,567)
December	708,563,607	781,200,245	828,736,919	756,100,282	0.08569	\$ 64,790,233	0.09321	\$ 70,476,107	\$ 5,685,874
Net Change in Expected GA Balance in the Year (i.e. Transactions in the Year)	8,415,850,149	9,362,790,093	9,410,178,578	8,463,238,633		\$ 892,219,685		\$ 917,190,602	\$ 24,970,917

	Customer < 5,0	1.0293
	Diffe	ence 0.0042
a) Please provide an explanation in the textbox below if columns G and H are not used in the table above.		
	b) Please provide an explanation in the textbox below if the difference in loss factor is greater than 19	

Toronto Hydro-Electric System Limited
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Tab 3
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Note 5 Reconciling Items

Item	Amount	Explanation		Principal Adjustments
Net Change in Principal Balance in the GL (i.e. Transactions in the Year)	\$ 8,529,428		Principal Adjustment on DVA Continuity Schedule	If "no", please provide an explanation
CT 148 True-up of GA Charges based on Actual Non-RPP 1a Volumes - prior year		Not applicable as Toronto Hydro ("TH") records the true-up RPP settlement amounts with the IESO on a quarterly basis. The RPP amounts for 2019 are based on the actual IESO invoices received.		
CT 148 True-up of GA Charges based on Actual Non-RPP 1b Volumes - current year		Not applicable as Toronto Hydro ("TH") records the true-up RPP settlement amounts with the IESO on a quarterly basis. The RPP amounts for 2019 are based on the actual IESO invoices received.		
2a Remove prior year end unbilled to actual revenue differences			No	Related to reveresal of prior year; was not previously included in prior year DVA continuity
2b Add current year end unbilled to actual revenue differences	\$ 10,097,236		Yes	
Remove difference between prior year accrual/unbilled to 3a actual from load transfers		Not applicable		
Add difference between current year accrual/unbilled to 3b actual from load transfers		Not applicable		
Significant prior period billing adjustments recorded in current 3 year		Not applicable	No	
4 Differences in actual system losses and billed TLFs	\$ 10,188,891			
5 CT 2148 for prior period corrections				
6 Others as justified by distributor				
7				
8				
9				
10				

Note 6	Adjusted Net Change in Principal Balance in the GL	\$	25,736,532
	Net Change in Expected GA Balance in the Year Per		
	Analysis	\$	24,970,917
	Unresolved Difference	\$	765,615
	Unresolved Difference as % of Expected GA Payments t	to	
	IESO		0.1%

Ontario Energy Board

GA Analysis Workform -Account 1588 and 1589 **Principal Adjustment Reconciliation**

Breakdown of principal adjustments included in last approved balance:

	Account 1589 - RSVA G Adjustment Description	lobal Adjustment Amount	To be reversed in current application?	Explanation if not to be reversed in current application
1				
2				
3				
4				
5				
6				
7				
8				
	Total			
	Total principal adjustments included in last approved balance			
	Difference	-		

	Account 1588 - RSVA Power									
	Adjustment Description	Amount	To be Reversed in Current Application?	Explanation if not to be reversed in current application						
1										
2										
3										
4										
5										
6										
7										
8										
	Total									
	Total principal adjustments included in last approved balance									
	Difference	-								

Principal adjustment reconciliation in current application

- 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. 2019 Balance" column should equal principal adjustments made in the current disposition period. It should not be impacted by reversals from prior year approved principal adjustments.

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

Year		Adjustment Description	Amount	Year Recorded in GL
	Reversals	of prior approved principal adjustments (auto-populated from table abov	e)	
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	-	
	Current y	ear principal adjustments		
	1	CT 148 true-up of GA Charges based on actual Non-RPP volumes	-	2020
	2	Unbilled to actual revenue differences	10,097,236	2020
	3			
	4			
	5			
	6			
	7			
	8			
		Total Current Year Principal Adjustments	10,097,236	
	Total P	rincipal Adjustments to be Included on DVA Continuity Schedule	10,097,236	

		Account 1588 - RSVA Power		
Year		Adjustment Description	Amount	Year Recorded in GL
I Cai			Amount	GL
	Reversals	of prior approved principal adjustments (auto-populated from table above)		
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
		Total Reversal Principal Adjustments	-	
	Current y	ear principal adjustments		
	1	CT 148 true-up of GA Charges based on actual RPP volumes	•	2020
	2	CT 1142 true-up based on actuals	25,541	2020
	3	Unbilled to actual revenue differences	11,732,675	2020
	4			
	5			
	6			
	7			
	8			,
		Total Current Year Principal Adjustments	11,758,216	
		Total Principal Adjustments to be Included on DVA Continuity Schedule	11,758,216	

Instruction Sheet

Summary of Changes from the Prior Year

Criteria for Disposition Eligibility

The criteria for disposition eligibility has been revised to the following: Distributors only become eligible to seek disposition of these residual balances two years after the expiry of the rate rider (i.e. in the fourth rate year after the expiry of the rate rider). For example:

- January 1 rate year If 2018 rate riders end on December 31, 2018, the balance of sub-account 1595 (2018) is eligible to be disposed once the December 31, 2020 account balance has been audited. Therefore, sub-account 1595 (2018) would be eligible for disposition in the 2022 rate year.
- May 1 rate year If 2018 rate riders end on April 30, 2019, the balance of sub-account 1595 (2018) is eligible to be disposed once the December 31, 2021 account balance has been audited. Therefore, sub-account 1595 (2018) would be eligible for disposition in the 2023 rate year.

Note that applicants are expected to request disposition of residual balances in Account 1595 Sub-accounts on a final basis, only once, for each vintage Sub-account.

Account 1595 Workform Instructions

The Account 1595 Workform must be completed if the eligibility criteria for disposition is met, regardless of whether disposition is sought or not.

In the Information Sheet,

- 1. Select "Yes" or "No" with respect to eligibility for disposition in Column D.
- 2. If an applicant has any Account 1595 sub-accounts for years 2014 or before, indicate the number of 2014 and prior sub-accounts (including 2014). This should correspond to that included in the Account 1595 (2014 and pre-2014) row on the DVA Continuity Schedule/Tab 3 of the IRM Model.

For example, if the applicant has residual balances for years 2010 and 2012, select 2 under "# of years" column, and two 1595 worksheets will open up for the applicant to enter detailed rate rider information.

- a. In each worksheet generated for 2014 and prior years, indicate the year for which the worksheet relates to in cell C11. For example, enter 2010 and 2012 for the example above.
- b. Note that for DVA Continuity Schedule purposes, a separate schedule with amounts broken down by each vintage year 2014 and prior is to be provided, with the total reconciling to the amount in row for 1595 (2014 and pre-2014). The amounts in the 1595 worksheets for 2014 and pre-2014 years are expected to agree to the amounts on the separate schedule for 2014 and pre-2014 1595 vintage years provided to support the 1595 (2014 and pre-2014) balance in the DVA Continuity Schedule.

Toronto Hydro-Electric System Limited EB-2020-0057 Tab 3 Schedule 3 ORIGINAL Page 2 of 3



Account 1595 Analysis Workform

Input cells Drop down cells

Utility Name Toronto Hydro-Electric System Limited
Utility name must be selected

Eligible for disposition?

2014 and pre-2014 No

2015 No

2016 No

2017 Yes

2018 No

2019 No

Note that vintage years 2018 and 2019 are not eligible for disposition in the current rate year application.

Version 1.0

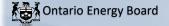


Year in which this worksheet relates to 2017

	rear in which this worksheet relates to	2017								
1	Components of the 1595 Account Balances:		Approved for Disposition	Carrying Charges Balance Approved for Disposition	for Disposition	Rate Rider Amounts Collected/(Returned)	Residual Balances Pertaining to Principal and Carrying Charges Approved for Disposition	Carrying Charges Recorded on Net Principal Account Balances	Total Residual Balances	Collections/Returns Variance (%)
	Total Group 1 and Group 2 Balances excluding Account 1589 - Global Adjustment		-\$65,881,307	-\$2,490,641	-\$68,371,948	-\$71,810,008	\$3,438,060	-\$180,914	\$3,257,146	-5.0%
	Account 1589 - Global Adjustment		\$94,368,616	\$4,812,604	\$99,181,220	\$102,432,400	-\$3,251,180	\$242,565	-\$3,008,615	-3.3%
	Total Group 1 and Group 2 Balances		\$28,487,309	\$2,321,963	\$30,809,272	\$30,622,391	\$186,880	\$61,650	\$248,531	0.6%
Total residual balance per continuity schedule:							\$248,531			
							Difference (any varia	nce should be explained):	\$0	

*Unresolved differences of +/- 10% require further analysis and explanation. Amounts originally approved for disposition based on forecasted consumption or number of customers must be compared to actual figures.

Additional Notes and Comments		



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 5.0 (2021)

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 applic ation. 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 indicate d above, any copying, reproduction, publication, sale, adaptation, translation, modification, reverse engineering or other use or dissemination of this model without the expr ess 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



LRAMVA Work Form: Instructions

Version 5.0 (2021)

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.
Tab 3-a. Rate Class Allocations	A tab is provided to allow LDCs to include documentation or analysis on how rate class allocations for actual CDM savings were determined by customer class and program each year. The rate class allocations would support the LRAMVA rate class allocation figures used in Tabs 4 and 5.
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).



LRAMVA Work Form: Checklist and Schematic

Version 5.0 (2021)

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,	y, and provide rationale for the change in Tab 1-a
	o Include any necessary assumptions the LDC has to make in it	n its LRAMVA work form in the "Notes" section of the work form
	o Provide documentation on the LRAMVA threshold by providin	ding 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	ation 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 rela	elates to.
	o Provide documentation or data substantiating savings from pr	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 allocation	tions were determined by customer class and program each year, inserted in Tab 3-a

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"					



LRAMVA Work Form: Summary Tab

\$33,098,810

C. Documentation of Changes

Amount for Final Disposition

Original Amount

Legend

User Inputs (Green) Auto Populated Cells (White)

Instructions (Grey)

LDC Name

Toronto Hydro

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
--	----	----------	--------	-------------

EB-2018-0071 Previous LRAMVA Application (EB#) Application of Previous LRAMVA Claim 2019 IRM Application Period of LRAMVA Claimed in Previous Application 2017 Amount of LRAMVA Claimed in Previous Application 12,334,962.61

B. Current LRAMVA Application

Current LRAMVA Application (EB#) EB-2020-0057 2021 IRM Application Application of Current LRAMVA Claim Period of New LRAMVA in this Application 2018-2019 Period of Rate Recovery (# years) Actual Lost Revenues (\$) 38,867,604 Forecast Lost Revenues (\$) 6.865.862 Carrying Charges (\$)

1,097,068 LRAMVA (\$) for Account 156 A-B+C 33,098,810

Table 1-a. LRAMVA Totals by Rate Class

Mease input the customer rate classes applicable to the LUC and associated billing units (kWn 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 adjus-

Customer Class	Billing Unit	Principal (\$)	Carrying Charges (\$)	Total LRAMVA (\$)
Residential	kWh	\$4,470,735	\$170,431	\$4,641,165
Competitive Sector Multi-Unit Residential Service	kWh	\$326,662	\$12,192	\$338,854
GS <50kW	kWh	\$4,218,351	\$140,112	\$4,358,464
GS 50-999kW	kW	\$15,734,681	\$528,577	\$16,263,258
GS 1000-4999kW	kW	\$4,260,422	\$144,451	\$4,404,873
Large Use	kW	\$2,990,891	\$101,305	\$3,092,196
Total		\$32,001,742	\$1,097,068	\$33,098,810

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	Competitive Sector Multi-Unit Residential	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use									Total
		kWh	kWh	kWh	kW	kW	kW	0	0	0	0	0	0	0	0	
2018 Actuals		\$3,153,328.71	\$210,460.45	\$3,103,887.02	\$8,510,164.04	\$2,284,463.57	\$1,694,282.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,956,586.55
2018 Forecast	_	(\$187,529.44)	(\$5,848.63)	(\$1,264,090.58)	(\$1,372,022.01)	(\$290,089.45)	(\$298,909.42)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$3,418,489.53)
Amount Cleared																
2019 Actuals		\$1,602,492.91	\$125,091.57	\$3,690,011.05	\$10,020,525.90	\$2,567,140.13	\$1,905,755.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,911,017.37
2019 Forecast		(\$97,557.65)	(\$3,041.15)	(\$1,311,456.08)	(\$1,423,986.76)	(\$301,092.62)	(\$310,238.51)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$3,447,372.77)
Amount Cleared																
Carrying Charges		\$170,430.72	\$12,191.79	\$140,112.25	\$528,577.01	\$144,451.02	\$101,305.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,097,068.19
Total LRAMVA Balance		\$4,641,165	\$338,854	\$4,358,464	\$16,263,258	\$4,404,873	\$3,092,196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,098,810

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



LRAMVA Work Form: Summary of Changes

Version 5.0 (2021)

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	3. Distribution Rates	L23, L30, L37, M23, M30, M3	Changed rounding to 5 decimal places.	Toronto Hydro's billing units for customers that are billed on \$/kWh include 5 decimal places.
2	5. 2015-2020 LRAM	Column B	Edited the default programs listed. Deleted programs that are not delivered by Toronto	To align programs with those delivered by THESL.
	5. 2015-2020 LRAM	Column N	Home Assistance Program multiplier changed to 12	A portion of the participants for the Home Assistance program reside in buildings with only General
3				Service (Non-Residential) bulk accounts. For the portion of savings allocated to General Service
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.				

Record Current year savings Adjustment

Source of Persistence Reports

2011 Results Persistence 2012 Results Persistence 2013 Results Persistence 2014 Results Persistence

2014 Results Persistence 2015 Results Persistence 2016 Results Persistence 2017 Results Persistence 2018 Results Persistence 2019 Results Persistence 2020 Results Persistence

Service Classifications	Billing Unit	Year	Response	Threshold	Tabs
Residential	kWh	2006	Yes	2015	1. LRAMVA Summary
GS<50 kW	kWh	2007	No	0	LRAMVA Threshold
GS>50 kW	kW	2008	Not Applicable		3. Distribution Rates
General Service ≥ 1,000 kW	kW	2009			4. 2011-2014 LRAM
General Service ≥ 1,500 kW	kW	2010			5. 2015-2020 LRAM
General Service 1,000 kW and Greater	kW	2011			Carrying Charges
General Service 1,000 to 4,999 kW	kW	2012			7. Persistence Data
General Service 1,000 to 4,999 kW (co-generation)	kW	2013			
General Service 1,500 to 4,999 kW	kW	2014			
General Service 3,000 to 4,999 kW	kW	2015			
General Service 50 to 1,499 kW	kW	2016			
General Service 50 to 2,999 kW	kW	2017			
General Service 50 to 4,999 kW	kW	2018			
General Service 50 to 499 kW	kW	2019			
General Service 50 to 699 kW	kW	2020			
General Service 50 to 999 kW	kW				
General Service 500 to 1,499 kW	kW				
General Service 500 to 4,999 kW	kW				
General Service 700 to 4,999 kW	kW				
General Service Demand Billed (50 kW and above) - GSd	kW				
General Service Intermediate 1,000 to 4,999 kW	kW				
Intermediate With Self Generation	kW				
Intermediate With Self Generation - excluding MUSH customers	kW				
Sub-Transmission (Embedded supply to LDC or loads > 500 kW) - ST	kW				
Unmetered Scattered Load	kWh				
Urban General Service Demand Billed (50 kW and above) - UGd	kW				
Embedded Distributor	kW				
Large Use	kW				
Sentinel Lighting	kW				
Standby Power	kW				
Standby Power - 1,500 - 4,999 kW	kW				
Standby Power - 1000-4999 kW	kW				
Standby Power - 50 - 1,499 kW	kW				
Standby Power - 50 - 499 kW	kW				
Standby Power - 50 - 4999 kW	kW				
Standby Power - 50 - 999 kW	kW				
Standby Power - 500 - 4999 kW	kW				
Standby Power - Large Use	kW				
Street Lighting	kW				



LRAMVA Work Form: Forecast Lost Revenues

Version 5.0 (2021)

Legend

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

Table 2-a. LRAMVA Threshold

2015

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 threshold should generally be consistent with the annualized savings targets developed from Appendix 2-1. 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	Competitive Sector Multi- Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use								
		kWh	kWh	kWh	kW	kW	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	55,893,405	17,641,528	359,473	37,892,403											
kW	238,029				155436.4876	42036.59122	40556.1436								
Summary		17641528.12	359473,4954	37892403.44	155436.4876	42036.59122	40556.1436	0	0	0	0	0	0	0	0

Years Included in Threshold
Source of Threshold EB-

EB-2014-0116, THESL Decision and Order, p. 38

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate 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.

2018 2015 17,641,528 359,473 37,892,403 155,436 42,037 40,556 0 0 0 0 0 0 0 0 0 0	Year	LRAMVA Threshold	Residential	Competitive Sector Multi- Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use								
	2018	2015	17,641,528	359,473	37,892,403	155,436	42,037	40,556	0	0	0	0	0	0	0	0
2019 2015 17,641,528 359,473 37,892,403 155,436 42,037 40,556 0 0 0 0 0 0 0 0		2015	17,641,528	359,473	37,892,403	155,436	42,037	40,556	0	0	0	0	0	0	0	0

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



LRAMVA Work Form: Distribution Rates

Version 5.0 (2021)

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-XXXX	EB-2010-XXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-0077	EB-2018-0071	EB-2019-XXXX	EB-2020-XXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)													
Period 2 (# months)		12	12	12	12	12	12	12	12	12	12	12	12
		7.2	12	- "-				7.2	72			,	- 12
Residential Rate rider for tax sharing										\$ 0.01063	\$ 0.00553		
	kWh												
Rate rider for foregone revenue Other	KWII												
Otner Adjusted rate		s -	s -	s -	s -	\$ -	s -	\$ -	\$ -	\$ 0.01063	\$ 0.00553	s -	
		3 -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01063	\$ 0.00553		
Calendar year equivalent			• -	• -	• -	• -	•	• -	• -	\$ 0.01003	\$ 0.00555	• -	
Competitive Sector Multi-Unit Residential Service										\$ 0.01627	\$ 0.00846		
Rate rider for tax sharing	kWh												
Rate rider for foregone revenue	N.V.II												
Other													
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01627			
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.01627	\$ 0.00846	\$ -	
						1			I	\$ 0.03187	\$ 0.03312		
GS <50kW Rate rider for tax sharing													
Rate rider for tax snaring Rate rider for foregone revenue										\$ 0.00076			-
Rate Rider for Application of IFRS – 2014	kWh									\$ 0.00024	\$ 0.00024		
Derecognition										\$ 0.00049	\$ 0.00049		
Adjusted rate		s -	s -	s -	s -	s -	s -	s -	s -	\$ 0.03336		s -	-
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.03336	\$ 0.03461	\$ -	
3S 50-999kW										\$ 7.7987			
Rate rider for tax sharing										\$ 0.1659			
Rate rider for foregone revenue	kW									\$ 0.0498	\$ 0.0498		
Rate Rider for Application of IFRS – 2014	***												
Derecognition		_				_	_	_		\$ 0.0781	\$ 0.0781	_	
Adjusted rate		\$ -	\$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ 8.0925		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	• -	\$ -	\$ -	\$ 8.0925	\$ 8.3990	\$ -	
3S 1000-4999kW										\$ 6.1355	\$ 6.3766		
Rate rider for tax sharing										\$ 0.1226			
Rate rider for foregone revenue	kW	,								\$ 0.0356	\$ 0.0356		
Rate Rider for Application of IFRS – 2014													
Derecognition			_				_			\$ 0.0627	\$ 0.0627		
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.3564		\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.3564	\$ 6.5975	\$ -	
arge Use										\$ 6.5820			
Rate rider for tax sharing										\$ 0.1382			
Rate rider for foregone revenue	kW									\$ 0.0406	\$ 0.0406		
Rate Rider for Application of IFRS – 2014													
Derecognition		٠ .				\$ -		¢		\$ 0.0648	\$ 0.0648		
Adjusted rate		\$ -	\$ -	\$ - \$ -	\$ -	\$ - \$ -	\$ -	\$ -	\$ -	\$ 6.8256 \$ 6.8256	\$ 7.0843 \$ 7.0843	\$ -	
Calendar year equivalent			• -	• -	\$ -	a -	• -	\$ -	\$ -	\$ 6.8256	\$ 7.0843	\$ -	
)	0	_					_				_		
Adjusted rate		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
)	0												
Adjusted rate	Ŭ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Calendar year equivalent			s -	s -	s -	S -	S -	s -	S -	s -	S -	S -	

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	Billing Unit	EB-20	09-XXXX	EB-20	0-XXXX	EB-2011	-xxxx	EB-2012	2-XXXX	EB-201	з-хххх	EB-20	14-XXXX	EB-201	5-XXXX	EB-2016	-xxxx	EB-201	7-0077	EB-20	18-0071	EB-2019	9-XXXX	EB-2020-XXX
)	- 0					_		_						_		_				_				
Adjusted rate		\$		\$	-	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-	\$	-	\$	-	
Calendar year equivalent				\$	-	\$	-	\$	-	\$	•	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
ı	0																							
Adjusted rate	0	\$	-	\$	-	\$		\$	-	\$		\$	-	\$	-	\$	-	\$	-	\$	-	\$,	
Calendar year equivalent				\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
diusted rate	- 0	\$		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$		
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ate rider for foregone revenue	0																							
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Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

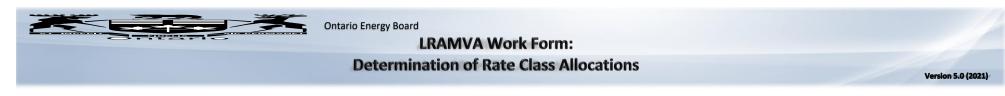
Table 3-a. Distribution Rates by Rate Class

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	Competitive Sector Multi-Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000- 4999kW	Large Use								
	kWh	kWh	kWh	kW	kW	kW	0	0	0	0	0	0	0	0
2011	\$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
2012	\$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
2013	\$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
2014	\$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
2015	\$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
2016	\$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
2017	\$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
2018	\$0.0106	\$0.0163	\$0.0334	\$8.0925	\$6.3564	\$6.8256	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
2019	\$0.0055	\$0.0085	\$0.0346	\$8.3990	\$6.5975	\$7.0843	\$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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LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supporting documentation and rationale for its proposal. This should be shown by customer class and program each year.

LDGS must clearly show now it has anocated actual GDM savings to applicable rate class		<u> </u>				2015	•				1					2016									2017				$\overline{}$
		R	RES	RES120	GS<50		999kW GS	1000-49991	kW GS	>5MW	RE	ES	RES120	.0	GS<50		50-999kW GS 10	00-4999kW	GS>5MW		RES	RES1	120	GS<50		Sv 50-999kW	GS 1000-4999k	N GS>5MV	N P
Program	Framework	kW	kWh k	W kWh	kW kWh	kW	kWh kW	kWh		kWh		kWh I	kW kW				kWh kW	kWh	kW kWh	kW			kWh kW			kWh	kW kWh	kW kW	/h kW
Save on Energy Coupon Program	2015-2020	95%	95%	5%	5% 0% 09	% 0%	0%	0%	0% 0'	% 09	6 95%	95%	5%	5%	0%	0% 0	0% 0%	0%	6 0% C	959	% 95%	5%	5%	0%	0%	0% 09	6 0%	0% 0%	0%
Save on Energy Instant Discount Program	2015-2020																			959	% 95%	5%	5%	0%	0%	0% 09	6 0%	0% 0%	0% 95%
Save on Energy Heating & Cooling Program	2015-2020	100%	100%	0%	0% 0% 09	% 0%	0%	0%	0% 0'	% 09	6 100%	100%	0%	0%	0%	0% 0	0% 0%	0%	6 0% 0	% 1009	% 100%	0%	0%	0%	0%	0% 09	6 0%	0% 0%	0% 100%
Save on Energy New Construction Program	2015-2020	100%	100%	0%	0% 0% 09	% 0%	0%	0%	0% 0'	% 09	6 100%	100%	0%	0%	0%	0% 0	0% 0%	0%	6 0% 0	% 1009	% 100%	0%	0%	0%	0%	0% 09	6 0%	0% 0%	0% 100%
Save on Energy Home Assistance Program	2015-2020	60%	60%	0%	0% 26% 26	% 14%		0%	0% 0'	% 09	6 79%	79%	0%	0%	11%	11% 10	9% 10% (0%	6 0% 0	% 709	% 70%	0%	0%	22%	22%	8% 89	6 0%	0% 0%	0% 70%
Save on Energy Audit Funding Program	2015-2020	0%	0%	0%	0% 4% 49	% 66%	66%	25%	25% 5	% 59	6 0%	0%	0%	0%	8%	8% 73	1% 73% 12	2% 129	6 7% 7	% 09	% 0%	0%	0%	7%	7%	65% 65%	6 21%	21% 7%	7% 0%
Save on Energy Retrofit Program	2015-2020	0%	0%	0%	0% 10% 79				25% 17	% 209	6 0%	0%	0%	0%	8%	6% 53		3% 319	6 15% 14	% 09		0%	0%	3%		86% 709		16% 3%	8% 0%
Save on Energy Small Business Lighting Program	2015-2020						.0,1				0%		0%	0%	100%	100% 0		0% 09		1% 05			0%			7% 99		1% 1%	1% 0%
Save on Energy High Performance New Construction Program	2015-2020	0%	0%	0%	0% 1% 09	% 45%	45%	6%	2% 48'	% 529			0%	0%	0%	0% 95		0% 29		% 09		0%	0%	5%	9%	9% 159		75% 0%	0% 0%
Save on Energy Existing Building Commissioning Program	2015-2020										0%		0%	0%	0%	0% 28		2% 359		1% 09		0%	0%	0%	0%	2% 89		92% 0%	0% 0%
Save on Energy Process & Systems Upgrades Program	2015-2020										0%		0%	0%	0%	0% 0	0% 0% 100			1% 05		0%	0%	0%	0%	0% 09		27% 35%	73% 0%
Save on Energy Energy Manager Program	2015-2020		†			1					0%		0%	0%	0%	0% 57		0% 19					0%	2%	-,-	9% 229		14% 85%	64% 0%
Save on Energy Monitoring & Targeting Program	2015-2020		†			1					0,0	0,0	0,0	0,0	0,0	5,0	70 2570	2,0	4370 74	09			0%	0%		0% 09		0% 0%	0% 0%
Save on Energy Energy Performance Program for Multi-Site Customers	2015-2020		†			1					1 1									09		0%	0%	0%		.00% 1009		0% 0%	0% 0%
Adaptive Thermostat Local Program	2015-2020																			1009		0%	0%	0%		0% 1007		0% 0%	0% 100%
Business Refrigeration Local Program	2015-2020																			1005		0%			-,-	17% 179		4% 1%	1% 100%
OPsaver Local Program	2015-2020																			0;		0%	0%	0%		0% 09		0% 0%	0% 0%
PUMPsaver Local Program	2015-2020		H + H			+ +					0%	0%	0%	0%	0%	0% 100)% 100% (0% 09	6 0% C	0,		0%	0%	5%	070	78% 839		12% 0%	2% 0%
Pool Saver Local Program	2015-2020	100%	100%	0%	0% 0% 0'	% 0%	0%	0%	0% 0'	% 09		U%	0%	U%	U%	0% 100	176 100%	J% U:	o U76 U	1009		0%	0%	0%		0% 09		0% 0%	0% 100%
RTUsaver Local Program	2015-2020	100%	100%	U%	U% U% U	76 0%	0%	U%	U% U	76 07	6							_		1005		0%	0%	0%	0%	0% 09		0% 0%	0% 100%
			 			+ -		_	_		+ +							_		0,					0%				0% 0%
Social Benchmarking Local Program	2015-2020																	_		1009		0%	0%	0%		0% 09		411	0%
Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program																				829			0%	1370	13/0	2% 29		0% 0%	0%
Whole Home Pilot Program	2015-2020																			1009	% 100%	0%	0%	0%	0%	0% 09	6 0%	0%	0%
PUMPsaver LDC Innovation Fund Pilot Program	2015-2020	0%	0%	0%	0% 0% 09	% 84%	82%	16%	18% 0	% 09	•																		/ /
RTUsaver LDC Innovation Fund Pilot Program	2015-2020										0%		0%	0%	0%	0% 100		0%	0,70	1%									/ /
Electronics Take Back LDC Innovation Fund Pilot Program	2015-2020										100%		0%	0%	0%	0% 0		0%		1%									/ /
OPsaver LDC Innovation Fund Pilot Program	2015-2020										0%		0%	0%	0%	0% 51		9% 499		1%									/ /
Truckload Event LDC Innovation Fund Pilot Program	2015-2020										95%	95%	5%	5%	0%	0% 0	0% 0%	0%	6 0% C	1%									/ /
EnerNOC Conservation Fund Pilot Program	CF	0%	0%	0%	0% 0% 09	% 0%	44%	0%	56% 0'	% 09																			/ /
Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	CF										100%	100%	0%	0%	0%	0% 0	0% 0%	0%	6 0% 0	1%									/ /
Loblaw P4P Conservation Fund Pilot Program	CF	0%	0%	0%	0% 0% 09	% 100%	100%	0%	0% 0'	% 09	6																		/ /
Strategic Energy Group Conservation Fund Pilot Program	CF	0%		0%	0% 0% 09		0% 1	100%	100% 0		6																		/ /
Appliance Retirement Initiative	2011-2014+2015	100%		0%	0% 0% 09		4.1-	0%		% 09	6																		/ /
Coupon Initiative	2011-2014+2015	95%	95%	5%	5% 0% 09	% 0%	0%	0%	0% 0'	% 09	6																		/ /
Bi-Annual Retailer Event Initiative	2011-2014+2015	95%	95%	5%	5% 0% 09	% 0%	0%	0%	0% 0'	% 09	%																		/ /
HVAC Incentives Initiative	2011-2014+2015	100%	100%	0%	0% 0% 09	% 0%	0%	0%	0% 0	% 09	6																		/ /
Residential New Construction and Major Renovation Initiative	2011-2014+2015	100%	100%	0%	0% 0% 09	% 0%	0%	0%	0% 0	% 09	6																		
Energy Audit Initiative	2011-2014+2015	0%	0%	0%	0% 4% 4	% 66%	66%	24%	24% 6	% 69	6																		
Efficiency: Equipment Replacement Incentive Initiative	2011-2014+2015	5 0%	0%	0%	0% 10% 75	% 48%	48%	25%	25% 17	% 209	%																		
Direct Install Lighting and Water Heating Initiative	2011-2014+2015	5 0%	0%	0%	0% 100% 1009	% 0%	0%	0%	0% 0'	% 09	%																		
New Construction and Major Renovation Initiative	2011-2014+2015	5 0%	0%	0%	0% 1% 09	% 45%	45%	6%	2% 48'	% 529	6																		
Existing Building Commissioning Incentive Initiative	2011-2014+2015	5 0%	0%	0%	0% 0% 09			0%		% 09	6																		
Process and Systems Upgrades Initiatives - Project Incentive Initiative	2011-2014+2015	0%	0%	0%	0% 0% 09	% 0%	0% 1	100%	100% 0	% 09	6																		
Process and Systems Upgrades Initiatives - Energy Manager Initiative	2011-2014+2015	5 0%	0%	0%	0% 0% 09			2%	10% 95	% 779	6																		
Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	2011-2014+2015	5																											
Low Income Initiative	2011-2014+2015	60%	60%	0%	0% 26% 26	% 14%	14%	0%	0% 0'	% 09	6																		
Aboriginal Conservation Program	2011-2014+2015	5	2270	*/-	200					- 0,																			
Program Enabled Savings	2011-2014+2015	5 0%	0%	0%	0% 0% 09	% 100%	100%	0%	0% 0'	% 09	6																		
OPsaver Program	2015-2020	070	370	5,5	-,-, 0,0, 0.	100/0	10070	370	-/	07	1																		0%
Residential Engagement Program	2015-2020																												100%
RTUsaver Program	2015-2020																												0%
Swimming Pool Efficiency Program	2015-2020																												100%
Adaptive Thermostat Rebate Program	2015-2020																												100%
MURB DIL Local Program	2015-2020																												0%
WORD DIE LOCAL TORIAN	2013-2020																												0/8



Instructions

LDCs must clearly show how it has allocated actual CDM savings to applicable rate classes, including supp

Part							201	8											2019)					
Control Long Program			ES	RE	S120	GS<	<50	GSv 50-99	9kW	GS 1000-4	1999kW	GS>5MW		RES		RES120		GS<50		GSv 50-999k	W G	S 1000-4	999kW	GS>5N	/W
Seed Configuration State State Principles Seed Configuration State Principles Seed C	Program	Framework	kWh	kW	kWh k	W	kWh l	kV kV	Vh	kW k	(Wh	kW kWh	kW	kWh	kW	kWh	n kW	kWh	k۱	W kWh	kW	k¹	Wh k	.W k	:Wh
See	Save on Energy Coupon Program	2015-2020																							
See of Long Plane Comprehen Comprehen (1920-2008) 2000 000	Save on Energy Instant Discount Program	2015-2020	95%	5%	5%	0%	0%	0%	0%	0%	0%	0%	0%	95%	95%	5%	5%	0%	0%	0%	0%	0%	0%	0%	0%
See est Congress Continue Septime Septim	Save on Energy Heating & Cooling Program	2015-2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0% 10	00%	00%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Seed College Medit Forders Targers Seed Seed Seed College	Save on Energy New Construction Program	2015-2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0% 10	00% 10	00%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
See of Deep Seed Forgons Co. C	Save on Energy Home Assistance Program	2015-2020	70%	0%	0%	20%	20%	11%	11%	0%	0%	0%	0%	70%	70%	0%	0%	20%	20%	11%	11%	0%	0%	0%	0%
See of Except professional Environmental Programs 2015-2003 0.0	Save on Energy Audit Funding Program	2015-2020	0%	0%	0%	15%	15%	71%	71%	13%	13%	1%	1%	0%	0%	0%	0%	9%	9%	69%	69%	17%	17%	5%	5%
See of Energy Interference Chee Conduction Program 2032-2030 75	Save on Energy Retrofit Program	2015-2020	0%	0%	0%	17%	12%	54%	55%	24%	30%	5%	3%	0%	0%	0%	0%	8%	7%	62%	56%	18%	24%	12%	13%
Secret Energy Teacher Bullery Commissioner Regimen	Save on Energy Small Business Lighting Program	2015-2020	0%	0%	0%	99%	99%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	93%	92%	7%	7%	0%	0%	0%	0%
See of Enging Process & Systems (Logistic Program 5051 2008 00 00 00 00 00 00 00	Save on Energy High Performance New Construction Program	2015-2020	0%	0%	0%	1%	1%	48%	48%	16%	8%	35%	43%	0%	0%	0%	0%	1%	1%	48%	48%	16%	8%	35%	43%
See of Energy Temper Manager Energies Pulgreis	Save on Energy Existing Building Commissioning Program	2015-2020	0%	0%	0%	0%	0%	17%	35%	83%	65%	0%	0%	0%	0%	0%	0%	0%	0%	17%	35%	83%	65%	0%	0%
See of trong Montering & Irreging Program 2015-2020 04 05 05 05 05 05 05 0	Save on Energy Process & Systems Upgrades Program	2015-2020	0%	0%	0%	0%	0%	13%	19%	67%	58%	19%	23%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%
Since or December Foreign Federate region for Multi-Selec Customers 1,501-2,500 1,501	Save on Energy Energy Manager Program	2015-2020	0%	0%	0%	3%	1%	22%	26%	8%	18%	67%	55%	0%	0%	0%	0%	3%	1%	22%	26%	8%	18%	67%	55%
Edging temperate local Program	Save on Energy Monitoring & Targeting Program	2015-2020	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Expense Memory 1995 2000 00 00 00 00 00 00	Save on Energy Energy Performance Program for Multi-Site Customers	2015-2020	0%	0%	0%	0%	0%	12%	12%	68%	68%	20%	20%	0%	0%	0%	0%	0%	0%	12%	12%	68%	68%	20%	20%
Description 1903-2000 0% 0% 0% 0% 0% 0% 0%	Adaptive Thermostat Local Program	2015-2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0% 10	00% 10	00%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Parameter 1931-2003 0% 0% 0% 0% 0% 0% 0%	Business Refrigeration Local Program	2015-2020	0%	0%	0%	69%	68%	19%	20%	7%	7%	5%	5%	0%	0%	0%	0%	75%	74%	19%	19%	5%	4%	2%	2%
Pack State Load Program		2015-2020	0%	0%	0%	0%	0%	12%	12%	68%	68%	20%	20%	0%	0%	0%	0%	0%	0%	12%	12%	68%	68%	20%	20%
Estimate Load Program			0%	0%	0%	5%	3%	77%	83%	18%	12%	0%	1%	0%	0%	0%	0%	5%	3%	77%	83%	18%	12%	0%	1%
Social Benchmarking, Local Program LDC Imnovation Fund Pilot Program 2015-2020 Whole Home Pilot Program 4 2015-2020 Whole Home Pilot Program 5 2015-2020 Ultisaver LDC Imnovation Fund Pilot Program 2015-2020 Ultisaver LDC Imnovation Fund Pilot Program 2015-2020 Ultisaver LDC Innovation Fund Pilot Program 3015-2020 Ultisaver LDC Innovation Fund Fund Fund Fund Fund Fund Fu	Pool Saver Local Program	2015-2020	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0% 10	00% 10	00%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Whole-Home Plop Program	RTUsaver Local Program	2015-2020	0%	0%	0%	60%	60%	35%	35%	3%	3%	0%	0%	0%	0%	0%	0%	60%	60%	35%	35%	3%	3%	0%	0%
Whole-Home Plop Program	Social Benchmarking Local Program	2015-2020				-																			
Wholeser Dictionation fund Pilot Program																									
Electronical Take Back LDC Imnovation Fund Pilot Program 2015-2020																									
Efficiency Table (and the Planger) Compared District Connectation Fund Pilot Program 2015-2020 Conservation Fund Pilot Program 2015-2020 Connectation																									
Extraction Take Back LDC Innovation Fund Pilot Program																									
Dispared																									
Trustation former Trustation Fund Prior Frogram Cr			-																						
InterNICC Conservation Fund Pilot Program																									
Summe peptiane Ament Uplif Conservation Fund Pilot Program CF			-																						
CF Strategic Energy Group Consensation Fluid Pilot Program CF Coupon Institute 2011-2014-2015 Coupon Institute 2011-2014-201		CF	-																						
Strategic fleregy Group. Conservation Fund Pilot Program Croppon Initiative 2011-2014-2015 Residential New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Construction and Major Renovation Initiative 2011-2014-2015 Residential United New Constru		CF																							
Appliance Retirement Initiative 2011-2014-2015 Glupon Initiative 3011-2014-2015 Bi-Annual Retailer Event Initiative 3011-2014-2015 Bi-Annual Retailer Event Initiative 3011-2014-2015 Bi-British Residential New Construction and Major Renovation Initiative 3011-2014-2015 Efficiency: Equipment Replacement Incentive Initiative 3011-2014-2015 Efficiency: Equipment Replacement Incentive Initiative 3011-2014-2015 Existing Building commissioning Incentive Initiative 3011-2014-2015 Existing Building Commissioning Incentive Initiative 3011-2014-2015 Process and Systems Upgrades Initiatives - Project Incentive Initiative 3011-2014-2015 Process and Systems Upgrades Initiatives - Project Incentive Initiative 3011-2014-2015 Low Income Initiative 3011-2014-2015 Low Income Initiative 3011-2014-2015 Program 3011-2014-201		CF																							
Coupon Initiative 2011-2014-2015		2011-2014+2015	-																						
El-Annual Retailer Event Initiative	PP		-																						
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Residential New Construction and Major Renovation Initiative 2011-2014-2015 Efficiency: Equipment Replacement Incentive Initiative 2011-2014-2015 Direct Install Lighting and Water Heating Initiative 2011-2014-2015 Eisting Building Commissioning Incentive Initiative 2011-2014-2015 Eisting Building Commissioning Incentive Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process and Systems Upgrades Initiatives - Energy Manager Initiative 2011-2014-2015 Process																									
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LRAMVA Work Form: 2015 - 2020 Lost Revenues Work Form

Version 5.0 (2021

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-b. 2016 Lost Revenues
Table 5-c. 2017 Lost Revenues
Table 5-d. 2018 Lost Revenues
Table 5-e. 2019 Lost Revenues

Table 5-a. 2015 Lost Revenues Work Form

0.9168 0.9211 0.9261

Table 5-a. 2015 Lost Revenues Work Form																																	
		Net Energy Savings (kWh))			Net E	Energy Savi	ings Persiste	ence (kWh)				Net Demand Savings (kW)		Net Peak	Demand Savings I	ersistence (kW	0							Rate Alloc	ations for LRAM	VA						
Program	Results Status											Monthly Multiplier								Competitive Sector Multi-													
		2015	2016	2017	201	18 2	2019	2020	2021	2022	2023 2024		2015	2016 201	2018	2019 2020	2021 202	2 2023 2024	Residential	Unit Residential	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use									Total
Legacy Framework Residential Program											ļ .								kWh	kWh	kWh	kW	kW	kW	0	0	0	0	0	0	0	0	
1 Coupon Initiative Adjustment to 2015 savings	Verified Unverified	2,535,775	2,516,47	5 2,516,47				2,516,475	2,516,475		2,515,780 2,515,7 0 0		161			160 160 0 0		0 160 160	95.00% 95.00%	5.00% 5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
2 Bi-Annual Retailer Event Initiative	Verified	4.242.771	4.096.71								4.096.716 4.096.7		315				·	6 306 306	95.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	100%
Adjustment to 2015 savings	Unverified	0	0	0	0)	0	0	0	0	0 0		0					0 0	95.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Appliance Retirement Initiative Adjustment to 2015 savings	Verified Unverified	315,844 0		315,844					0		0 0		50 0					0 0	100.00% 100.00%	0.00%	0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
4 HVAC Incentives Initiative	Verified	3,398,974	3,398,97								3,398,974 3,398,9		1,768					58 1,768 1,768	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0				0	0	0	0 0		0			0 0		0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
 Residential New Construction and Major Renovation Adjustment to 2015 savings 	Verified Unverified	0	0	0	0)	-	0	0	0	0 0		0		0	0 0	0 0	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Commercial & Institutional Program																																	
6 Energy Audit Initiative	Verified Unverified	7,005,020	7,005,02		20 7,005	5,020 7,00	05,028 7	,005,028	7,005,028	7,005,028			1,493					54 1,554 1,554		0.00%	4.00%	66.40%	24.00%	5.60%	0.00%	0.00%	0.00%						100%
Adjustment to 2015 savings Efficiency: Equipment Replacement Incentive Initiative		0	0	0	0) 	0	0 1	0	0	0 0	12	0			0 0		0 0	0.00%	0.00%	4.00%	66.40%	24.00%	5.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Z Adjustment to 2015 savings	Verified Unverified	160,764,586	160,764,5	85 160,764,5	586 160,88	35,037 160,8	885,037 16 0	0 0,878,543	0	160,878,545	0 0	437 12 12	24,142	24,143 24,1		24,180 24,178 0 0	24,178 24,1 0 0	78 23,964 20,967 0 0	0.00%	0.00%	7.34% 7.34%	48.10% 48.10%	25.04% 25.04%	16.85% 16.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	97%
Direct Install Lighting and Water Heating Initiative	Verified	6.890.643	6.890.64	2 6,890,64	42 7,189	000 746	89.098 7	,189,098	7,189,098	7,189,098	7,189,098 7,189,0	98 12	1,570	1,569 1,5	70 1,635	1,635 1,635	1,635 1,63	35 1,635 1,635	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0,890,643	0,090,04	0,090,04	7,169) 7,10	0 09,096	0	0	0	0 0	12	0	,		0 0	0 0		0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
New Construction and Major Renovation Initiative	Verified	25.471.986	25,471.9	36 25.471.98	86 25.471	1.986 25.4	160.834 25	5,460,834	25.460.834	25,460,834 2	25,384,446 25,384,	146 12	7,095	7,095 7,0	95 7,095	7,093 7,093	7,093 7,09	93 7,070 7,070	0.00%	0.00%	0.28%	45.13%	5.99%	48.36%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0)	0	0	0	0	0 0	12	0	0 0		0 0	0 0		0.00%	0.00%	0.28%	45.13%	5.99%	48.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10 Existing Building Commissioning Incentive Initiative	Verified	521,754	521,75	521,754	4 243,	087 24	13,087	243,087	243,087	243,087	243,087 243,0	37 3	221	221 22	1 74	74 74	74 74	74 74	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0		0	0	0	0	0 0	3	0	0 0	0	0 0	0 0	0 0	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program Process and Systems Upgrades Initiatives - Project	VWd	5 000 500	5 000 50			500 500	00.500	200 500	5 000 500	5 000 500	5,326,500 5,326,5	20 40			0	0 0		0 0	0.000/	0.00%	0.000/	0.000/	400.000/	0.000/									1000/
Incentive Initiative Adjustment to 2015 savings	Verified Unverified	5,326,500	5,326,50		00 5,326) 5,32		0,326,500	0		0 0		0	0 0		0 0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Process and Systems Upgrades Initiatives - Monitoring and	Verified	0	0	0	0		0	0	0	0	0 0	12	0	0 0	0	0 0	0 0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Targeting Initiative Adjustment to 2015 savings	Unverified	0	0	0	0)	0	0	0		0 0		0			0 0		0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	8,403,488	5,924,15	4 5,243,94	41 5,243	3,941 5,13	37,854 5	5,012,537	5,012,537	4,955,357	4,659,602 3,829,6	60 12	2,711	1,899 1,6	65 1,665	1,640 1,640	1,640 1,64	40 1,589 1,292	0.00%	0.00%	0.46%	3.14%	1.65%	95.22%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0		0	0	0	0	0 0	12	0	0 0	0	0 0	0 0	0 0	0.00%	0.00%	0.46%	3.14%	1.65%	95.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Low Income Program 14 Low Income Initiative	Verified	1,680,074	1,359.36	3 1,312.37	72 1,265	5,424 1.24	48,299 1	,248,299	1,226,335	1,211,186	722,324 720.3	3 12	151	135 13	3 130	129 129	128 121	8 103 101	60.00%	0.00%	26.00%	14.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0							0 0							0 0	60.00%	0.00%	26.00%	14.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other 15 Pool Saver Local Program	Verified	0		0							0 0		0	0 0	0	0 0	0 0	0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	2,467	, ,	2,467				, .	2,467		2,467 2,46		0			0 0		0 0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16 Program Enabled Savings Adjustment to 2015 savings	Verified Unverified	311,368 0									311,368 311,3 0 0							0 0	0.00% 0.00%	0.00%	0.00%	100.00% 100.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

Conservation Fund Pilots																																		1
EnerNOC Conservation Fund Pilot Program	Verified	198,755	0	0	0	0	0	0	0	0 0) 12	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 0) 12	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Loblaw P4P Conservation Fund Pilot Program	Verified	2,469,300	2,469,300	2,469,300	2,469,300	2,469,300	2,469,300	2,469,300	2,469,300 2	,469,300 2,469	9,300 12	12	193	193 193	193	193	93 193	193 193	193	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 () 1:	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Strategic Energy Group Conservation Fund Pilot Program	Verified	2,577,024	0	0	0	0	0	0	0	0 () 12	12	294	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 () 12	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Conservation First Framework																																		
Residential Province-Wide Programs Save on Energy Coupon Program	Verified	15,588,830								5,450,930 15,45								989 989		95.00%	5.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 0)		0	0 0	0	0	0 0	0 0	0	95.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Heating & Cooling Program	Verified	4,022,885	4,022,885		4,022,885	4,022,885	4,022,885	4,022,885	4,022,885 4	,022,885 4,022	2,885	2	,					2,097 2,097		100.00%	0.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 (-				- 1 - 1	0 0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23 Save on Energy New Construction Program Adjustment to 2015 savings	Verified Unverified	39,186 0	39,186 0		39,186 0	39,186 0	39,186 0			39,186 39,								9 9		100.00% 100.00%	0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
24 Save on Energy Home Assistance Program	Verified	282,586								263,738 262,										60.00%	0.00%	26.00%	14.00%	0.00%	0.00%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 () 12	12	0	0 0	0	0	0 0	0 0	0	60.00%	0.00%	26.00%	14.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program	Verified	251,367	251,367	251,367	251,367	251,367	251,367	251,367	251,367	251,367 251,	,367 12	12	54	54 54	54	54	54 54	54 54	54	0.00%	0.00%	3.88%	65.89%	24.81%	5.43%									100%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 () 12	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	3.88%	65.89%	24.81%	5.43%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26 Save on Energy Retrofit Program Adjustment to 2015 savings	Verified Unverified	39,245,856 586,304	39,245,856 584,967	39,245,856 583,447	39,314,316 583,447	39,314,316 583,447	39,290,365 583,009	39,290,365 556,637	39,290,365 3 556,637	9,019,791 33,77 551,422 467,	7,505 12 ,438 12	12 4	4,930 4	4,930 4,93 17 17	0 4,951 17	4,951 4 17	944 4,944 17 16	4,944 4,859 16 16	4,030 13	0.00%	0.00%	7.39% 7.39%	48.04% 48.04%	25.01% 25.01%	16.86% 16.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	97%
27 Save on Energy Small Business Lighting Program	Verified	0	0	0	0	0	0	0	0	0 0) 12	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									0%
Adjustment to 2015 savings	Unverified	0	0	1	0	0	0	0	0						0		0 0		0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy High Performance New Construction										77,097 77,0																								
Program Adjustment to 2015 savings	Verified Unverified	77,097 165.899	77,097 165,899	77,097 165,899	77,097 165,899	77,097 165,899	77,097 165,899	77,097 165,899		77,097 77,0				21 21			21 21	21 21	21	0.00%	0.00%	0.28%	45.13% 45.13%	5.99% 5.99%	48.36% 48.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Existing Building Commissioning Program																																		
Adjustment to 2015 savings	Verified Unverified	193 232	193 232	193 232	193 232	193.232	193 232	193 232	193 232	0 (0 41	0 0			0 0	0 0	0 41	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
30 Save on Energy Process & Systems Upgrades Program							,	,																										
Adjustment to 2015 savings	Verified	0	0	0	0	0	0	0	0	0 0		12	•	0 0	0		0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Save on Energy Monitoring & Targeting Program	Cincinica			1	1															0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
Adjustment to 2015 savings	Verified Unverified	0	0	0	0	0	0	0	0	0 0		12		0 0		0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program	Verified	0					0		ū l	0 0		_				*				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.00%	0%
Adjustment to 2015 savings	Unverified	0	0	0	0	0	0	0	0	0 0	12	12	0	0 0	0	0	0 0	0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.6
Pilot Programs PUMPsaver LDC Innovation Fund Pilot Program	ı																																	
36 PUMPsaver LDC Innovation Fund Pilot Program Adjustment to 2015 savings	Verified	667,979	667,979	667,979	667,979	667,979	667,979	667,979	667,979	667,979 667,	,979 12	12	68	68 68	68	68	68 68	68 68	68	0.00%	0.00%	0.00%	83.82% 83.82%	16.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Augustinent to 2015 savings	Unvermed	U	U	U	U	U	U	U	U	U (12	12	U	0 0	0	U	0 0	0 0	U	0.00%	0.00%	0.00%	83.82%	16.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2015 Forecast CDM Savings in 2015		293,237,551										4	18,492							30,205,960	1,118,369	22,545,375	224,202	101,175	132,281	0	0	0	0	0	0	0	0	
-			l	1		1	1	<u> </u>												\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	1
Distribution Rate in 2015 Lost Revenue in 2015 from 2011 programs Lost Revenue in 2015 from 2012 programs																				\$0.000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.000 \$0.00 \$0.00	\$0.00 \$0.00
Lost Revenue in 2015 from 2012 programs Lost Revenue in 2015 from 2013 programs Lost Revenue in 2015 from 2014 programs																				\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00
Lost Revenue in 2015 from 2015 programs																				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Lost Revenues in 2015 Forecast Lost Revenues in 2015																				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
LRAMVA in 2015																																		\$0.00
2015 Savings Persisting in 2016 2015 Savings Persisting in 2017																				29,730,260 29,701,547	1,103,654 1,103,654	22,448,990 22,433,335	223,873 223,775	97,489 97,440	123,005 120,329	0	0	0	0	0	0	0	0	
2015 Savings Persisting in 2018 2015 Savings Persisting in 2019 2015 Savings Persisting in 2020																				29,670,250 29,524,410	1,103,654 1,103,654	22,733,259 22,728,215	223,670 224,134	97,617 97,786	120,448 120,192	0	0	0	0	0	0	0	0	
																				29.346.562	1,103,654	22.725.364	224.082	97,759	120,174									

The state of the s	Table 5-b. 2016 Lost Revenues Work Form		Return to	top nergy												Net Demand						a																
Part	Program	Results	Savin	s (kWh)				Net Energy	y Savings	Persistence	(KWh)				onthly				Net Peak	Demand Savi	gs Persisten	ce (KW)			Competitive					Rate Alloc	ations for LKAN	IVA						
Section of the content of the cont		Status	2	16	2017	2018	2019	2020	20	21 2	1022	2023	2024	025 Mu	ltiplier	2016	2017	2018	2019	2020 202	2022	2023	2024 2025	Residential	Unit	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use									Total
Part	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Verified Unverified	9	26	9,426	9,426	9,426	9,426	9,4	26 9	0,426	9,426	9,426	0		1	1 0	1 0	1 0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
This improvement of the content of	Residential Province-Wide Programs 21 Save on Energy Coupon Program		84,7													5,497														0.000/	0.000/	0.00%	0.00%	0.000/	0.000	0.000	0.00%	100%
Part	-																													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
See	-															2,759	2,759													0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Series of the content	23 Save on Energy New Construction Program Adjustment to 2016 savings		23	,600 :	36,600								236,600 23	06,600	F	47 0														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
**************************************	24 Save on Energy Home Assistance Program Adjustment to 2016 savings		1,1																											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Part	Non-Residential Province-Wide Programs 25 Save on Energy Audit Funding Program		2,0								63,394	2,063,394 2	063,394 2,0	63,394	12															0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			100%
This content	26 Save on Energy Retrofit Program		213,	04,101 21	3,504,101 2	13,752,724	213,752,724	4 362 920	33 212,1	9,227 212,	159,227 2	12,159,227 21	1,504,345 211	504,345																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
																														0.0078	0.0070	0.5070	0.0076	5.5076	5.5076	5.5076	5.5076	100%
Series and the series	Adjustment to 2016 savings							0	00,							0														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10070
See the seed of th	28 Save on Energy High Performance New Construction Program	Verified	8,9							3,546 8,9	28,546	3,928,546 8	928,546 8,9	28,546	12	2,382	2,382	2,382	2,382	2,382 2,38	2 2,382	2,382		0.00%	0.00%	0.05%	95.19%	0.42%	4.28%									100%
Part	Adjustment to 2016 savings	Unverified	87	,779	77,779	877,779	877,779	877,779	877	779 87	7,779	877,779	877,779 8	7,779	12	137	137	137	137	137 13	137	137	137 137	0.00%	0.00%	0.05%	95.19%	0.42%	4.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
See 1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23)	0		0	0	3	83		83	83	83 0 0 0		0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Semi-proper Semi-p		Verified	18,8	0,827 18	.830,827 1	8,830,827	18,830,827	18,830,82	7 18,49	1,408 18,4	191,408 1	8,491,408 18	,491,408 18,	191,408	12	23	23	23	23	23 0	0	0	0 0	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%									100%
Part	Adjustment to 2016 savings	Unverified)	0	0	0	0			0	0	0			0					0	0	0 0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Part	21)	0	0	0	0)	0	0	0	0	12	0		0	0	0 0		0																0%
Part			15.5	3 844 15	313 143 1	5 116 813	14 814 037	14.814.03	7 641	3435 55	52.685	0 5 5 5 2 6 8 5 5	552 685 5 5	52 685	12	1 499		1 447	1 425	0 0		0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Properties of Properties Pr			10,0)	0	0	0																							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10070
Part	33 Business Refrigeration Local Program)	0	0	0	0)	0	0	0			0	0	0	0	0 0	0	0	0 0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part	34 PUMPsaver Local Program Adjustment to 2016 savings		98	,259 !	88,259 0	988,259	988,259 0	988,259 0								89 0														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Purple P																0														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
Part	RTUsaver LDC Innovation Fund Pilot Program	Verified	37	,393 ;	70,393	370,393	370,393	370,393	370	393 37	0,393	370,393	370,393 3			27														0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
		Varified	11	5.490 1	145 490	1 145 490	1 145 490	1 145 490	047	102 04	6 727	046 727	0			26		26												0.0070	0.00%	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	100%
Appliament to 2016 savings	Adjustment to 2016 savings		1,1)	0	0	0	0	947) 94	0	0				0	0	0	0	0 0		0								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Person Verlies Verli	30		3,2	5,945 3	295,945	3,295,945	3,295,945	3,295,945	5 3,29	i,945 3,2	95,945	3,295,945 3				207	207	207	207	207 20		207								0.009/	0.009/	0.009/	0.009/	0.000/	0.000/	0.009/	0.009/	100%
Agestment to 2016 savings Unwerlied: 0			2 9	1 454	864 454	2 864 454	2 864 454	2 864 454	4 286	454 29	64 454	2 864 454			12	2	2	2	2	2 2		2								0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Forecast COM Savings No. 0000		Unverified																												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	.5070
Lext Revenue in 2016 from 2011 programs 1	Actual CDM Savings in 2016 Forecast CDM Savings in 2016		369,	36,369												46,195								95,358,403 0							_	0	0			_	0	
2016 Savings Persisting in 2018 95.446,891 4.01.381 13.866,331 254,712 93,773 68,955 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Lost Revenue in 2016 from 2011 programs Lost Revenue in 2016 from 2012 programs Lost Revenue in 2016 from 2013 programs Lost Revenue in 2016 from 2014 programs Lost Revenue in 2016 from 2016 programs Lost Revenue in 2016 from 2016 programs Lost Revenue in 2016 from 2016 programs Total Lost Revenues in 2016 Forecast Lost Revenues in 2016 LRAMVA in 2016																							\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00												
	2016 Savings Persisting in 2018 2016 Savings Persisting in 2019 2016 Savings Persisting in 2020																							95,345,891 95,345,891	4,401,381 4,401,381	13,866,331 13,861,533	254,712 254,561	93,773 93,773	68,955 68,842	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	

Table 5-c. 2017 Lost Revenues Work Form		atotop It Energy Savings Persistence (kWh)		Net Demand	Net Peak	Demand Savings Persisten	ce (kW)						Rate Allo	ocations for LRAN	//VA						
Program	Results Status	ings (kWh)	Monthly Multiplier	Savings (kW)					Competitive Sector Multi-					Deations for ENAP	***						
Conservation First Framework		2017 2018 2019 2020 2021 2022 2023 2	24 2025 2026	2017 2018	2019 2020	2021 2022 2023	2024 2025 2026	Residential	Unit Residential Service	GS <50kW GS	50-999kW GS 100	0-4999kW Large Use									Total
Residential Province-Wide Programs 21 Save on Energy Coupon Program Adjustment to 2017 savings	Verified Unverified	5,853,313 69,054,570 6					4,795 4,795 4,785 0 0 0	95.00% 95.00%	5.00% 5.00%	0.00% 0.00%		.00% 0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Heating & Cooling Program	Verified		8,090 7,328,090 7,328,090	2,087 2,087	2,087 2,087	2,087 2,087 2,087	2,087 2,087 2,087	100.00%	0.00%	0.00%	0.00% 0	0.00%									100%
Adjustment to 2017 savings	Unverified Verified	858,604 858,604				0 0 0		100.00%	0.00%			00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4000/
23 Save on Energy New Construction Program Adjustment to 2017 savings	Unverified	236,476 236,47	,187 130,187 130,187	9 9	9 9	9 9 9		100.00%	0.00%	0.00%	0.00% 0	.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
24 Save on Energy Home Assistance Program Adjustment to 2017 savings	Verified Unverified	773,687 773,68					165 165 164 0 0 0	70.00% 70.00%	0.00%	22.00% 22.00%		.00% 0.00% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
39 Save on Energy Instant Discount Program Adjustment to 2017 savings	Verified Unverified	3,945,047 49,929,208 49,929,2	28,242 49,928,242 49,928,242 322 74,322 74,154				3,453 3,453 3,453 0 0 0	95.00% 95.00%	5.00% 5.00%			0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs Save on Energy Audit Funding Program Adjustment to 2017 savings	Verified Unverified	6,604,049 9,604,	4,049 9,604,049 8,294,829 12 0 0 0 12			427 427 427 0 0 0	427 427 368 0 0 0	0.00% 0.00%	0.00% 0.00%			1.99% 6.63% 1.99% 6.63%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2017 savings	Verified Unverified	6,418,548 146,934,275 146,934,275 146,934,275 146,934,275 138,991,065 138,991,065 138,91						0.00% 0.00%	0.00%			65% 3.45% 65% 3.45%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	102%
Save on Energy Small Business Lighting Program	Verified		1,022 1,478,271 980,161 12			1,052 906 781	562 430 291	0.00%	0.00%			89% 1.02%									99%
Adjustment to 2017 savings	Unverified	10,019 10,019 9,636 9,547 8,447 6,790 5,603 3	778 2,791 1,851 12	3 3	3 3	3 3 2	2 1 1	0.00%	0.00%	89.38%	7.35% 0	89% 1.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Save on Energy High Performance New Construction Program Adjustment to 2017 savings	Verified Unverified		0,141 2,610,141 2,610,141 12 9,364 1,099,364 1,099,364 12		1,365 1,365 612 612	1,365 1,365 1,365 612 612 612	1,365 1,365 1,365 612 612 612	0.00%	0.00%			0.00% 0.51% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	104%
Save on Energy Existing Building Commissioning Program	Verified	788,072			62 62	62 0 0	0 0 0	0.00%	0.00%	0.00%	1.95% 98	1.05% 0.00%									100%
Adjustment to 2017 savings	Unverified	226,738 226,738 226,738 226,738 0 0	0 0 3	100 100	100 100	100 0 0	0 0 0	0.00%	0.00%	0.00%	1.95% 98	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Save on Energy Process & Systems Upgrades Program	Verified		4,428 2,544,428 2,544,428 12 .010 813.010 813.010 12			704 704 704 94 94 94	704 704 704 94 94 94	0.00%	0.00%			34.51%	0.000/	0.00%	0.000	0.000/	0.000/	0.000/	0.00%	0.00%	100%
Adjustment to 2017 savings Save on Energy Energy Performance Program for Multi-Site	Unverified		,263 338,665 0 12	0 0		0 0 0	94 94 94	0.00%	0.00%			.49% 34.51% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Customers Adjustment to 2017 savings	Unverified	0 0 0 0 0 0 0 0 0	0 0 0 12		0 0			0.00%	0.00%			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
32 Save on Energy Energy Manager Program Adjustment to 2017 savings	Verified Unverified	,776,413 5,723,835 5,488,564 4,700,813 4,700,813 3,722,531 3,160,330 3,16 0 0 0 0 0 0 0 0 0 0 0					168 168 168 0 0 0	0.00% 0.00%	0.00% 0.00%			93% 85.46% 93% 85.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
Local & Regional Programs 33 Business Refrigeration Local Program Adjustment to 2017 savings	Verified Unverified	.480,662 3,480,662 3,102,160 2,774,799 2,718,568 2,718,568 0 0 0 0 0 0 0 0	8,568 2,718,568 2,718,568 12 0 0 0 12				351 351 351 0 0 0	0.00% 0.00%	0.00% 0.00%			.18% 1.29% 18% 1.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	101%
34 PUMPsaver Local Program Adjustment to 2017 savings	Verified Unverified	5.568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 15,568,700 16,568,7					2,001 2,001 2,001 41 41 41	0.00%	0.00% 0.00%			.49% 0.00% .49% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
35 Social Benchmarking Local Program Adjustment to 2017 savings	Verified Unverified		0 0 0				0 0 0	100.00% 100.00%	0.00% 0.00%			00% 0.00% 00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
36 Pool Saver Local Program Adjustment to 2017 savings	Verified Unverified	,401,850 1,401,850 1,401,850 1,401,850 1,401,850 1,401,850 1,401,850 1,401,850 5,049 5,049 5,049 5,049 5,049 5,049 5					268 268 268 2 2 2	100.00% 100.00%	0.00% 0.00%			.00% 0.00% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
37 Adaptive Thermostat Local Program Adjustment to 2017 savings	Verified Unverified	0 0 0 0 0 0 0 0 0 0 375,276 37		0 0 0	0 0 0	0 0 0	0 0 0	100.00% 100.00%	0.00% 0.00%			.00% 0.00% .00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
38 Whole Home Pilot Program Adjustment to 2017 savings	Verified Unverified	,131,518 1,131,518 1,131,518 1,131,518 1,128,806 1,119,867 1,119,867 1,11 0 0 0 0 0 0 0 0 0 0 0	9,867 1,119,867 1,119,867 0 0 0			144 143 143 0 0 0	143 143 143 0 0 0	100.00% 100.00%	0.00% 0.00%			0.00% 0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Toronto Hydro – Enbridge Joint Low-Income Program LDC 40 Innovation Fund Pilot Program	Verified	373,136 373,136 373,136 373,136 373,136 373,136 373,136 373,136	,136 373,136 372,824 12	78 78	78 78	78 78 78	78 78 78	82.61%	0.00%	15.36%	2.41% 0	0.00%									100%
Adjustment to 2017 savings	Unverified	0 0 0 0 0 0	0 0 12	0 0	0 0	0 0 0	0 0 0	82.61%	0.00%	15.36%	2.41% 0	.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2017 Forecast CDM Savings in 2017		3,830,280		49,211				169,939,566 0	7,744,538 0	18,607,772	295,273 5 0	3,995 18,126 0 0	0	0	0	0	0	0	0	0	
Distribution Rate in 2017 Lost Revenue in 2017 from 2011 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2012 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2014 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2016 programs Lost Revenue in 2017 from 2017 programs Total Lost Revenues in 2017 Forecast Lost Revenues in 2017 LRAMVA in 2017								\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$ \$0.00 \$ \$0.00 \$ \$0.00 \$ \$ \$0.00 \$ \$ \$ \$	00000 \$0.00000 0.00 \$0.00 0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00							
2017 Savings Persisting in 2018 2017 Savings Persisting in 2019 2017 Savings Persisting in 2020								135,898,536 135,898,536 135,898,536		18,454,386	296,615 5	7,113 18,058 7,111 18,056 7,076 18,044	0 0 0								
Note: LDC to make note of key assumptions included above								.00,000,000	0,002,000	.5,110,201	, 700 5	, 10,044	Ü	Ü	- v	<u> </u>		•	<u> </u>		

Table 5-d. 2018 Lost Revenues Work Form		Return to top Net Energy												Net Deman	ud.							1														
Program	Results	Savings (kW	h)			Net Ene	ergy Savings	Persistence	e (kWh)				Monthly	Savings (kV			Net Peak I	emand Savir	gs Persisten	ce (kW)			Competitive Sector Multi-					Rate Allo	cations for LRA	MVA						
	Status	2018	2019	2020	2021	202	2 20)23 2	2024	2025	2026	2027	Multiplier	2018	2019	2020	2021	2022 202	2024	2025	2026 2027	Residential	Unit Residential Service	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use									Total
Conservation First Framework Residential Province-Wide Programs 21 Save on Energy Instant Discount Program	Verified	0		0				0	0	0	0	0		0	0		0	0 0	0	0	0 0	95.00%	5.00%	0.00%	0.00%	0.00%	0.00%									100%
Adjustment to 2018 savings	Unverified	29,551,044		26 21,400,526										0	0	0	0	0 0	0	0	0 0	95.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
22 Save on Energy Heating & Cooling Program Adjustment to 2018 savings	Verified Unverified	0 3,248,302	3,248,30	0 3,248,302	3,248,3	0 3,248,			0 48,302 3	248,302	0 3,248,302	3,248,302		0	0	0	0	0 0	0	0	0 0	100.00% 100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
23 Save on Energy New Construction Program Adjustment to 2018 savings	Verified Unverified	0	0	0 33 1,097,233		0 33 1.097					0			0 47							0 0 47 47		0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
24 Save on Energy Home Assistance Program Adjustment to 2018 savings	Verified Unverified	0	0	0	0	0		0	0	0	0	0	12	0	0	0	0	0 0	0	0	0 0 485 482	69.67%	0.00% 0.00%	19.67% 19.67%	10.67% 10.67%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Non-Residential Province-Wide Programs		034,343	0.54,84	034,848	004,84	5 054,5	1 034	,,545	74,545	334,848	034,343	0.04,423	12	403	403		•				•	_			70.59%			0.00%	0.00%	0.0076	0.00%	0.00%	0.0076	0.0078	0.00%	
25 Save on Energy Audit Funding Program Adjustment to 2018 savings	Verified Unverified	0	0	0	0	0		0	0	0	0	0	12	0	0						0 0	_	0.00% 0.00%	14.71% 14.71%	70.59%	13.24% 13.24%	1.47% 1.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
26 Save on Energy Retrofit Program Adjustment to 2018 savings	Verified Unverified	0 191,551,410	192,226,1	0 192,226,10	-						0 80,987,241 1		12 12	24,474							0 0 23,114 23,114		0.00%	11.69% 11.69%	53.99% 53.99%	24.16% 24.16%	4.57% 4.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	94%
27 Save on Energy Small Business Lighting Program Adjustment to 2018 savings	Verified	0	0	0	6 577 1	0			0	0	0	0	12	0 2.277	0 2.277	0	-	0 0	0 1.534	0	0 0	0.00%	0.00%	98.84% 98.84%	1.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
38 Save on Energy High Performance New Construction	Verified	0,802,413	0,302,41	0	0,577,1	0			0	0	0	0	12	0	0	0		0 0		0	0 0	0.00%	0.00%	0.89%	47.86%	15.89%	35.29%	0.00%	0.0076	0.0076	0.00%	0.00%	0.0078	0.0078	0.0076	100%
Program Adjustment to 2018 savings	Unverified			18 5,710,218							5,710,218		12								1,657 1,657		0.00%	0.89%	47.86%	15.89%	35.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10070
Save on Energy Existing Building Commissioning Program Adjustment to 2018 savings	Verified	0	0	0 3 139.483	0	0 3 139.4		0	0	0	0	0	3	0	0	0	-	0 0	0	0	0 0	0.00%	0.00%	0.00%	16.83% 16.83%	83.17% 83.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Save on Energy Process & Systems Upgrades Program	Verified	0	0	0	0	0		0	0	0	0	0	12	0	0	0		0 0	0	0	0 0	0.00%	0.00%	0.00%	13.39%	67.19%	19.42%	0.00%	0.0076	0.0076	0.00%	0.00%	0.0078	0.0078	0.0076	100%
Adjustment to 2018 savings	Unverified	3,369,435	3,369,43	3,369,435		35 3,369,	435 3,36			369,435	3,369,435	3,369,435	12	489	489	489		489 489		489	489 489	0.00%	0.00%	0.00%	13.39%	67.19%	19.42%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31 Save on Energy Monitoring & Targeting Program Adjustment to 2018 savings	Verified	0	0	0	0	0		0	0	0	0	0	12 12	0	0	0		0 0		0	0 0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0%
32 Save on Energy Energy Manager Program Adjustment to 2018 savings	Verified Unverified	0	0	0	0			0		0	0 0	0		0	0						0 0	-	0.00%	1.04%	22.32% 22.32%	7.88% 7.88%	67.18% 67.18%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
Local & Regional Programs	Onvenhed					•	•	•		•																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 Business Refrigeration Local Program Adjustment to 2018 savings	Unverified		8,674,99	99 8,674,999	7,731,6	42 6,915,	747 6,77	5,600 6,7	75,600 6	,775,600	6,775,600	6,775,600	12	1,353	1,353	1,353	1,160	993 993	993	993	0 0 993 993	0.00%	0.00% 0.00%	68.03% 68.03%	18.79% 18.79%	7.31% 7.31%	4.97% 4.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99%
34 PUMPsaver Local Program Adjustment to 2018 savings	Verified Unverified	6,978,078	6,978,07	0 78 6,978,078	6,978,0	0 78 6,978,	078 6,97	0 8,078 6,9	0 78,078 6	978,078	0 6,978,078	0 6,978,078	12 12	1,355	1,355	1,355	1,355	0 0 ,355 1,35	0 5 1,355	1,355	0 0 1,355 1,355	0.00%	0.00% 0.00%	3.22% 3.22%	77.14% 77.14%	18.01% 18.01%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	98%
35 OPsaver Program Adjustment to 2018 savings	Verified Unverified	0 215,781	0 215,78	0 1 215,781	215,78	0 1 215,7	81 215	0 5,781 21	0	0 215,781	0 212,350	0 178,405	12 12	0	0	0	0	0 0	0	0	0 0	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	11.61% 11.61%	68.13% 68.13%	20.26% 20.26%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Pilot Programs 36 RTUsaver Program Adjustment to 2018 savings	Verified Unverified	0 3.743.931	0 3.743.93	0 3.743.931	3.743.9	0 31 3.743.	931 3.74	0 3.931 3.7	0 43.931 3	0 743.931	0 3.743.931	0 3.743.931	12	0 863	0 863	0 863	0 863	0 0 863 863	0 863	0 863	0 0 863 863	0.00%	0.00% 0.00%	60.19% 60.19%	35.05% 35.05%	2.92% 2.92%	0.34% 0.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99%
37 Swimming Pool Efficiency Program Adjustment to 2018 savings	Verified Unverified			0 734,140										0 239	0	0	0	0 0	0	0	0 0 239 239	100.00%	0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
38 Adaptive Thermostat Rebate Program Adjustment to 2018 savings	Verified Unverified	0		0 1,994,755										0	0	0		0 0		0	0 0	100.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Actual CDM Savings in 2018	- Ciricinica	264,746,173	1,004,70	1,004,700	1,004,71	1,554,	700 1,00	1,700	54,765	,554,755	1,004,700	1,004,700		33,259								35,729,604 17,641,528		37,805,619 37,892,403		82,537 42.037	22,420 40.556	0	0	0	0	0 0	0	0	0	
Forecast CDM Savings in 2018 Distribution Rate in 2018																						\$0.01063	\$0.01627	\$0.03336	\$8.09250	\$6,35640	\$6.82560	\$0,0000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.0000	\$0.0000	\$0.00000	
Lost Revenue in 2018 from 2011 programs Lost Revenue in 2018 from 2012 programs																						\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Lost Revenue in 2018 from 2013 programs Lost Revenue in 2018 from 2014 programs																						\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
Lost Revenue in 2018 from 2015 programs Lost Revenue in 2018 from 2016 programs Lost Revenue in 2018 from 2017 programs																						\$315,394.76 \$1,013,526.83 \$1,444,601.44	\$17,956.44 \$71,610.46 \$96.853.77	\$758,381.53 \$462,580.82 \$621,729.22	\$1,974,308.37 \$2,248,316.10 \$2,618,340.69	\$673,641.44 \$647,113.84 \$394,128.25	\$887,736.81 \$508,216.60 \$133,091.71	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$4,627,419.36 \$4,951,364.66 \$5,308,745.08
Lost Revenue in 2018 from 2017 programs Lost Revenue in 2018 from 2018 programs Total Lost Revenues in 2018																						\$1,444,601.44 \$379,805.69 \$3,153,328,71	\$96,853.77 \$24,039.77 \$210.460.45	\$1,261,195.45	\$2,618,340.69 \$1,669,198.87 \$8,510,164,04	\$394,128.25 \$569,580.04 \$2,284.463.57	\$133,091.71 \$165,237.63 \$1.694.282.76	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00 \$0.00	\$0.00 \$0.00	\$5,308,745.08 \$4,069,057.45 \$18,956,586,55
Forecast Lost Revenues in 2018 LRAMVA in 2018																						\$3,153,328.71 \$187,529.44	\$210,460.45 \$5,848.63	\$3,103,887.02 \$1,264,090.58	\$1,372,022.01	\$2,284,463.57 \$290,089.45	\$298,909.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,418,489.53 \$15,538,097.02
2018 Savings Persisting in 2019 2018 Savings Persisting in 2020																						27,986,611 27,986,611	1,070,026 1,070,026	37,884,478 37,623,526	189,915 189,909	82,900 82,900	22,488 22,488	0	0	0	0	0	0	0	0	
Note: LDC to make note of key assumptions included above																																				

5. 2015-2020 LRAM

The content with the	Table 5-e. 2019 Lost Revenues Work Form		Return	et Energy	Not Engage Service	ne Pareietanee (WM/h)			Net [Demand	Not Bee	k Domand Savings Book	istanca (kW)								Data Alles	estione for LDAN	AVA						
The part of the		Results			Net Energy Savin	gs Persistence (kWh)			Savin		Net Pea	k Demand Savings Pers	stence (kW)			Competitive					Rate Alloc	cations for LKAN	AVA						
The part of the	Program	Status		2019 2020 2021 2022	2023	2024 2025	2026 2027	M	Aultiplier	2020	2021 2022	2023 2024 20	2026 202	2028	Residential		GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use									To
Property column	Conservation First Framework Residential Province-Wide Programs	<u>.</u>	,					,,,	.,		.,	.,,	,,			,		.,						,	,,				
Part	Save on Energy Coupon Program Adjustment to 2019 savings			0 0 0 0 0 0		0 0				0 0	0 0	0 0 0	0 0 0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0
The state of the	ave on Energy Heating & Cooling Program									0 0	0 0										0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
	ave on Energy New Construction Program			0 0 0 0	0	0 0	0 0	0				0 0	0 0 0					0.00%		0.00%		0.00%	0.00%	0.00%	0.00%				10
Separate Property of the prope	ave on Energy Home Assistance Program	Verified		0 0 0 0	0	0 0	0 0	0	12	' '					69.67%	0.00%	19.67%	10.67%	0.00%	0.00%									10
Separate Members and Separate	,						<u> </u>		'																				
The section of the se	ave on Energy Audit Funding Program djustment to 2019 savings		1	0 0 0 0	0	0 0 0	0 0	0	12 12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	10
	ave on Energy Retrofit Program djustment to 2019 savings		63	0 0 0 0 3,390,764 63,614,044 63,614,044 63,614,044	0 044 63,614,044 60,	0 0 175,093 60,175,093	0 0 60,175,093 59,894,727	0 59,894,727	12 12 9	0 0 1,034 9,080	0 0 9,080 9,080	0 0 9,080 8,537 8,	0 0 0 537 8,537 8,53	0 2 8,532							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9
The content of the	Save on Energy Small Business Lighting Program	L																			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	99
The section of the content of the co	ave on Energy High Performance New Construction		,,																		0.0076	0.0076	0.0078	0.0076	0.0078	0.0078	0.0078	0.0076	
	ogram ljustment to 2019 savings		5,		-																0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1
The section of the se	ave on Energy Existing Building Commissioning Program					0 0	0 0	0	3	0 0	0 0	0 0	0 0 0																1
The second secon	,	Unverified	'	37,421 37,421 37,421 37,42	1 37,421	0 0	0 0	0	3	17 17	17 17	17 0	0 0 0	0	0.00%	0.00%	0.00%	16.83%	83.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The standard series of	justment to 2019 savings		1,																		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The stands of the content of the c	re on Energy Monitoring & Targeting Program	Verified		0 0 0 0	0	0 0	0 0	0	12	0 0	0 0	0 0	0 0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%									
**************************************	ustment to 2019 savings	Unverified	1	0 0 0 0	0	0 0	0 0	0	12	0 0	0 0	0 0	0 0 0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The set of the proper part of th	ve on Energy Energy Manager Program ustment to 2019 savings		1	0 0 0 0	0	0 0 0	0 0	0	12 12	0 0 0	0 0	0 0 0	0 0 0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The section of the control of the co	cal & Regional Programs siness Refrigeration Local Program		2	0 0 0 0 0	0 27 2.047.226 2.0	0 0	0 0	0 2 995 474	12	0 0	0 0	0 0	0 0 0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
The content of the	JMPsaver Local Program	Verified		0 0 0 0	0	0 0	0 0	0	12	0 0	0 0	0 0	0 0 0	0	0.00%	0.00%	3.22%	77.14%	18.01%	0.00%									
Variety Carl	saver Program	Verified													0.00%	0.00%	0.00%	11.61%	68.13%	20.26%									
Stander Program Verfield 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ustment to 2019 savings sidential Engagement Program		3,						12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Second S	justment to 2019 savings Usaver Program								12	0 0	0 0	0 0	0 0 0	0							0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Seminate Column	ljustment to 2019 savings		1,						12												0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
## CPU Septiment to 2019 savings Unwerlate 15,1802 151,802	justment to 2019 savings	Unverified		21,340 21,340 21,340 21,34	0 21,340 2	1,340 21,340	21,340 21,340	21,340		6 6	6 6	6 6	6 6 6	6	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
All COM Savings in 2019 7,586,021 1,088,792 10,245 1,168,892 140,242 29,136 21,114 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ustment to 2019 savings	Unverified		151,692 151,692 151,692 151,69	2 151,692 1	1,692 151,692	151,692 151,692	151,692		651 651	651 651	651 651 6	51 651 651	651	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17,441,528 399,473 37,892,403 155,48 42,073 40,566 0 0 0 0 0 0 0 0 0	ustment to 2019 savings				0 86 9,033,086 9,0	0 33,086 9,033,086	0 0 9,033,086 9,033,086	9,033,086			0 0 6,516 6,516	0 0 6,516 6,516 6,	0 0 0	6 6,516	0.00%	25.00%	4.55%	69.10%	5.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
SO.00553 SO.0084 SO.03461 SB.39900 SO.0053 SO.0084 SO.03461 SB.39900 SO.0055 SO.0084 SO.0085 S	ctual CDM Savings in 2019 precast CDM Savings in 2019		97	7,586,021					20	0,545											0	0	0	0	0	0	0	0	士
Revenue in 2019 from 2014 programs \$ 0.00 \$	ibution Rate in 2019																												
Revenue in 2019 from 2015 programs \$0.00	Revenue in 2019 from 2012 programs														\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
\$27,28.7.8 \$37,28.6.8 \$479,747.67 \$2,332,088.09 \$571,680.0 \$52,6613.24 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.	levenue in 2019 from 2014 programs														\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Revenue in 2019 from 2017 grograms \$ \$50,381.58 \$583,762.29 \$ \$2,77,385.21 \$ \$40,968.50.09 \$ \$50,00 \$ \$0.00 \$																													
Revenue in 2019 from 2019 programs \$ \$192,027.08 \$149,575.65 \$ \$0.00 \$0.	Revenue in 2019 from 2017 programs														\$751,518.91	\$50,361.58	\$638,706.29	\$2,717,355.21	\$409,063.09	\$138,118.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$
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1026 271 2 258 271 13 704 801 140 585 20 238 21 170 0 0 0 0 0 0 0 0 0															e0.100,1e¢	φ3,U41.15	ş1,311,436.08	\$1,423,98b./6	\$3U1,U9Z.6Z	\$31U,Z38.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	/IVA in 2019																												

Schedule 1 ORIGINAL

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		Net Energy Savings (kWh)				Net Energy	Savings Pers	istence (kWh)					Net Demand Savings (kW)		Ne	Peak Dem	and Savings	Persistence ((kW)								Rate Allo	ations for LRAM	AVA						
Program	Results Status	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Monthly Multiplier	2020	2021	2022 20	3 2024	2025	2026	2027	2028 2029	Residential	Competitive Sector Multi- Unit Residential	GS <50kW	GS 50-999kW	GS 1000-4999kW	Large Use									
gacy Framework			",																·		kWh	kWh	kWh	kW	kW	kW	0	0	0	0	0	0	0	0	
tual CDM Savings in 2020		0											0								0	0	0	0	0	0	0	0	0	0	0	0	0	0	
recast CDM Savings in 2020																					0	0	0	0	0	0	0	0	0	0	0	0	0	0	I
tribution Rate in 2020 I Revenue in 2020 from 2011 programs It Revenue in 2020 from 2012 programs It Revenue in 2020 from 2013 programs It Revenue in 2020 from 2013 programs It Revenue in 2020 from 2015 programs It Revenue in 2020 from 2016 programs It Revenue in 2020 from 2016 programs It Revenue in 2020 from 2017 programs It Revenue in 2020 from 2019 programs It Revenue in 2020 from 2020 programs																					\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.00000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$0.0000 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	
ast Lost Revenues in 2020 IVA in 2020																					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

Note: LDC to make note of key assumptions included above

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LRAMVA Work Form: Carrying Charges by Rate Class

Version 5.0 (2021)

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

2012 Q1 2012 Q2 2012 Q3 2012 Q4 2013 Q1 2013 Q2 2013 Q3

2013 Q3 2013 Q4 2014 Q1 2014 Q2 2014 Q3 2015 Q1 2015 Q1 2015 Q2 2015 Q3 2015 Q4 2016 Q1 2016 Q1

2017 Q3 2017 Q4 2018 Q1 2018 Q2 2018 Q3

2018 Q3 2018 Q4 2019 Q1 2019 Q2 2019 Q3 2019 Q4 2020 Q1 2020 Q2 2020 Q3 2020 Q4 2021 Q1 2021 Q2 2021 Q3 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 included 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

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

	Table 6-a.	Calculation of Car	rying Costs	by Rate Clas	ss		Go to Tab 1: Summary												
ance	Month	Period	Quarter	Monthly Rate	Residential	Competitive Sector Multi- Unit Residential	GS <50kW		3S 1000-4999kW	Large Use									Total
	Jan-11	2011	Q1	0.12%	\$0.00	Service \$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Feb-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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Mar-11		Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Apr-11		Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	May-11 Jun-11		Q2 Q2	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Jul-11		Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Aug-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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Sep-11		Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Oct-11 Nov-11		Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Dec-11		Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Total for 20			0	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00		\$0.00	\$0.00
	Amount Cle	eared																	
		alance for 2012			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jan-12 Feb-12		Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Mar-12		Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Apr-12		Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	May-12		Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jun-12		Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jul-12 Aug-12		Q3 Q3	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Sep-12		Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Oct-12		Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Nov-12		Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Dec-12		Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Amount Cle				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		alance for 2013			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Jan-13		Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Feb-13		Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Mar-13		Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
	Apr-13 May-13		Q2 Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jun-13		Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jul-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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Aug-13		Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Sep-13		Q3 Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$0.00		\$0.00		\$0.00	\$0.00
	Oct-13 Nov-13		Q4 Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Dec-13		Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total for 20	013			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Amount Cle																		
		alance for 2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jan-14 Feb-14		Q1 Q1	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Mar-14		Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Apr-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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	May-14		Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jun-14 Jul-14		Q2 Q3	0.12% 0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Aug-14		Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Sep-14		Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Oct-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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Nov-14		Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Dec-14 Total for 20		Q4	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00						
	Amount Cle				\$0.00	\$0.00	ψ0.00	\$0.00	\$0.00	\$0.00	\$0.00	ψ0.00	ψ0.00	\$0.00	\$0.00	\$0.00	\$0.00	Ψ0.00	\$0.00
		alance for 2015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$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		\$0.00		\$0.00	\$0.00
	Feb-15		Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Mar-15 Apr-15		Q1 Q2	0.12%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00
	Apr-15 May-15		Q2 Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jun-15		Q2	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00
	Jul-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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Aug-15		Q3	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	40.00	\$0.00		\$0.00	\$0.00
	Sep-15 Oct-15		Q3 Q4	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
	Nov-15		Q4 Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00
	Dec-15		Q4	0.09%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Total for 20	015			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Check OEB website



LRAMVA Work Form: Carrying Charges by Rate Class

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

- 1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. 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-a. Calculation of Carrying Costs by Rate Class

Table 6-a. Ca	Iculation of Car	rying Costs	by Rate Clas	SS		So to Tab 1: Summary												
Month	Period	Quarter	Monthly Rate	Residential	Competitive Sector Multi- Unit Residential Service	GS <50kW		GS 1000-4999kW										Fotal
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00					\$0.00	\$0.00	\$0.0
Jan-16 Feb-16	2011-2016 2011-2016	Q1 Q1	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.0 \$0.0
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	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
Aug-16 Sep-16	2011-2016 2011-2016	Q3 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00				\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.0 \$0.0
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	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Total for 2016				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Amount Cleared Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
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	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
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	\$0.00			\$0.00	\$0.00	\$0.00	\$0.0
Jun-17 Jul-17	2011-2017	Q2 Q3	0.09%	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.0
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	\$0.00	\$0.0
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	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.0
Dec-17 Total for 2017	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	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00			\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.0 \$0.0
Amount Cleared	1			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	ψ0.00	\$0.00	\$0.00	ψ0.00	\$0.00	\$0.00	\$0.00	Ψ0.0
Opening Balan				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Feb-18	2011-2018	Q1	0.13%	\$308.94	\$21.31	\$191.65	\$743.56	\$207.75	\$145.35	\$0.00	\$0.00				\$0.00	\$0.00		1,618.5
Mar-18 Apr-18	2011-2018 2011-2018	Q1 Q2	0.13%	\$617.87 \$1,167.78	\$42.63 \$80.57	\$383.29 \$724.42	\$1,487.11 \$2,810.64	\$415.49 \$785.28	\$290.70 \$549.43	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00			\$0.00 \$0.00	\$0.00 \$0.00		3,237.1 6,118.1
May-18	2011-2018	Q2	0.16%	\$1,557.04	\$107.42	\$965.89	\$3,747.52	\$1,047.05	\$732.57	\$0.00	\$0.00				\$0.00	\$0.00		8,157.5
Jun-18	2011-2018	Q2	0.16%	\$1,946.31	\$134.28	\$1,207.37	\$4,684.41	\$1,308.81	\$915.71	\$0.00	\$0.00	\$0.00				\$0.00		0,196.8
Jul-18	2011-2018	Q3	0.16%	\$2,335.57	\$161.13	\$1,448.84	\$5,621.29	\$1,570.57	\$1,098.86	\$0.00	\$0.00				\$0.00	\$0.00		2,236.2
Aug-18	2011-2018	Q3	0.16%	\$2,724.83	\$187.99	\$1,690.31	\$6,558.17	\$1,832.33	\$1,282.00	\$0.00	\$0.00				\$0.00	\$0.00		4,275.6
Sep-18 Oct-18	2011-2018	Q3	0.16%	\$3,114.09	\$214.84	\$1,931.79	\$7,495.05	\$2,094.09	\$1,465.14	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		6,315.0
Nov-18	2011-2018	Q4 Q4	0.18% 0.18%	\$4,022.37 \$4,469.29	\$277.50 \$308.34	\$2,495.22 \$2,772.47	\$9,681.11 \$10,756.78	\$2,704.87 \$3,005.41	\$1,892.48 \$2,102.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	40.00	3.415.0
Dec-18	2011-2018	Q4	0.18%	\$4,916.22	\$339.17	\$3,049.72	\$11,832.46	\$3,305.95	\$2,313.03	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00		5,756.5
Total for 2018			011070	\$27,180.31	\$1,875.18	\$16,860.97	\$65,418.10	\$18,277.61	\$12,788.02	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00		2,400.1
Amount Cleared																		
Opening Balan				\$27,180.31	\$1,875.18	\$16,860.97	\$65,418.10	\$18,277.61	\$12,788.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		2,400.1
Jan-19 Feb-19	2011-2019	Q1 Q1	0.20%	\$6,055.17	\$417.75	\$3,756.25	\$14,573.71 \$16,036.31	\$4,071.85	\$2,848.89	\$0.00	\$0.00	\$0.00 \$0.00			\$0.00	\$0.00		1,723.6
Mar-19	2011-2019	Q1	0.20%	\$6,311.22 \$6,567.27	\$438.51 \$459.28	\$4,160.94 \$4,565.62	\$16,036.31 \$17,498.92	\$4,457.39 \$4,842.93	\$3,120.35 \$3,391.81	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00			\$0.00 \$0.00	\$0.00 \$0.00		4,524.7 7,325.8
Apr-19	2011-2019	Q2	0.18%	\$6,071.36	\$427.14	\$4,422.56	\$16,871.89	\$4,652.28	\$3,259.56	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00		5,704.7
May-19	2011-2019	Q2	0.18%	\$6,299.19	\$445.62	\$4,782.64	\$18,173.31	\$4,995.33	\$3,501.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$38	8,197.
Jun-19	2011-2019	Q2	0.18%	\$6,527.02	\$464.10	\$5,142.73	\$19,474.73	\$5,338.39	\$3,742.65	\$0.00	\$0.00	\$0.00				\$0.00		0,689.
Jul-19	2011-2019	Q3	0.18%	\$6,754.85	\$482.57	\$5,502.82	\$20,776.15	\$5,681.44	\$3,984.19	\$0.00	\$0.00				\$0.00	\$0.00		3,182.
Aug-19 Sep-19	2011-2019	Q3 Q3	0.18%	\$6,982.68 \$7,210.51	\$501.05 \$519.53	\$5,862.90 \$6,222.99	\$22,077.57 \$23,378.99	\$6,024.49 \$6,367.55	\$4,225.73 \$4.467.28	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00			\$0.00 \$0.00	\$0.00 \$0.00		5,674.
Oct-19	2011-2019	Q3 Q4	0.18%	\$7,438.34	\$538.01	\$6,583.08	\$23,376.99	\$6,367.55	\$4,467.28	\$0.00	\$0.00	\$0.00	40.00		\$0.00	\$0.00	40.00	0,659.
Nov-19	2011-2019	Q4	0.18%	\$7,666.17	\$556.48	\$6,943.16	\$25,981.83	\$7,053.66	\$4,950.36	\$0.00	\$0.00				\$0.00	\$0.00		3,151.
Dec-19	2011-2019	Q4	0.18%	\$7,894.00	\$574.96	\$7,303.25	\$27,283.25	\$7,396.71	\$5,191.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$55	5,644.
Total for 2019				\$108,958.12	\$7,700.18	\$82,109.91	\$312,225.15	\$85,870.22	\$60,180.66	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$657	7,044.
Amount Cleared				*****	47.700 : 5	000 400 51	****	605 076 55	****	***	Ac	00.00		***	00.00	40.05	40.00	7.04:
Opening Balan Jan-20	2011-2020	Q1	0.18%	\$108,958.12 \$8,121.83	\$7,700.18 \$593.44	\$82,109.91 \$7,663.34	\$312,225.15 \$28,584,67	\$85,870.22 \$7,739.77	\$60,180.66 \$5,433.45	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00		7,044 8,136
Feb-20	2011-2020	Q1	0.18%	\$8,121.83	\$593.44	\$7,663.34	\$28,584.67	\$7,739.77	\$5,433.45	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00		8.136
Mar-20	2011-2020	Q1	0.18%	\$8,121.83	\$593.44	\$7,663.34	\$28,584.67	\$7,739.77	\$5,433.45	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00		8,136
Apr-20	2011-2020	Q2	0.18%	\$8,121.83	\$593.44	\$7,663.34	\$28,584.67	\$7,739.77	\$5,433.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$58	8,136
May-20	2011-2020	Q2	0.18%	\$8,121.83	\$593.44	\$7,663.34	\$28,584.67	\$7,739.77	\$5,433.45	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00		8,136
Jun-20	2011-2020	Q2	0.18%	\$8,121.83	\$593.44	\$7,663.34	\$28,584.67	\$7,739.77	\$5,433.45	\$0.00	\$0.00	\$0.00			\$0.00	\$0.00		8,13
Jul-20	2011-2020	Q3 Q3	0.05%	\$2,123.60	\$155.16 \$155.16	\$2,003.72	\$7,473.97	\$2,023.70	\$1,420.67	\$0.00	\$0.00				\$0.00 \$0.00	\$0.00		5,200
Aug-20 Sep-20	2011-2020	Q3 Q3	0.05%	\$2,123.60 \$2,123.60	\$155.16 \$155.16	\$2,003.72 \$2,003.72	\$7,473.97 \$7,473.97	\$2,023.70 \$2,023.70	\$1,420.67 \$1,420.67	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00	\$0.00 \$0.00	\$0.00 \$0.00		5,200
Oct-20	2011-2020	Q3 Q4	0.05%	\$2,123.60	\$155.16	\$2,003.72	\$7,473.97	\$2,023.70	\$1,420.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		5,200
Nov-20	2011-2020	Q4	0.05%	\$2,123.60	\$155.16	\$2,003.72	\$7,473.97	\$2,023.70	\$1,420.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		5,200
Dec-20	2011-2020	Q4	0.05%	\$2,123.60	\$155.16	\$2,003.72	\$7,473.97	\$2,023.70	\$1,420.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 \$15	5,200
Total for 2020				\$170,430.72	\$12,191.79	\$140,112.25	\$528,577.01	\$144,451.02	\$101,305.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00 #####	#####
mount Cleared	4						-	i i	1									_



Ontario Energy Board

Supporting Documentation: LDC Persistence Savings Results from IESO

Drop Down List (Blue) Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the dropdown list in Column I.

3. To facilities the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value represents (i.e., current vear savings for the year or an adjustment to a prior year' with different to a prior year' with different vear's results report.

5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

	NOTE: The Net Verified Peak Demand Savings table and Net Veri	ified Energy Savings table below are in the reverse order to	the accompanying tables in Tab 4 and Tab	5. The tables below match the	nose provided by the IESO.																					
	1-2020 Verified Program Results and Persistence into Future Years																									
Step: Portfolio	#1 Program Initiative	LDC Sector	#3 #2 Conservation (Implementation Identify So		#1 Net Verified Annual Peak Demand Savings at:	he End-User Level (kW)																				
			Resource Type) Year	Savings																						
					2012	20	8	8	20 20	20	8	20 20	20	20	20 20	20	8	20	8 8	20	20	8 8	. 8	20	20	20 20
	Consumer Save on Energy Coupon Program	Toronto Hydro-Electric System Limite Residential				2	5	8	t	6	8 850	850	23	24	25 25	27	8	8	8 2	25	8	2 8	36	37	8	8 8
LDC	Consumer Save on Energy Instant Discount Program	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin Its Persistence Current year savin	gs gs		857	850	850 8	0 0	0 0	0	0 84	0 0	0	0 0	765	765	763 19	198	0 0	198	0	0 0	0	0
	Consumer Save on Energy Heating & Cooling Program Consumer Save on Energy New Construction Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	lts Persistence Current year savin	5		1,861	1,861	1,861 1,8	361 1,861	1 1,861	1,861 1	861 1,86	1,861	1,861 1,8	1,861	1,861	1,861	1,861 1,86	1,861	1,703	0	0	0 0	0	0
	Business Save on Energy New Construction Program Business Save on Energy Home Assistance Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional		Its Persistence Current year savin Uts Persistence Current year savin			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 Save on Energy Audit Funding Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs .		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 Save on Energy Retrofit Program Business Save on Energy Small Business Lighting Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs gs		995	995	992 9	992 992	992	936	936 91	0 0	293 2	0 0	214	0	175 10	103	0 0	103	0	0 0	0	0
	Business Save on Energy High Performance New Construction Program		EE 2015 2017 Resul	Its Persistence Current year savin	6		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 Save on Energy Existing Building Commissioning Program Business Save on Energy Business Refrigeration Incentive Program	Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Industrial		Its Persistence Current year savin Its Persistence Current year savin			0	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 Save on Energy Process & Systems Upgrades Program	Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	ES .		0	0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0
	Business Save on Energy Energy Manager Program Business Save on Energy Monitoring & Targeting Program		EE 2015 2017 Resul	Its Persistence Current year savin	gs es		0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
	Business Save on Energy Monitoring & Targeting Program Consumer Save on Energy Retrofit Program - P4P	Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Residential	2017 Resul	Its Persistence Current year savin Current year savin	gs .		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 Save on Energy Process & Systems Upgrades Program - P4P Consumer Adaptive Thermostat Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	gs es		0	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 Adaptive Thermostat Local Program Business Business Refrigeration Incentives Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	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
LDC	Consumer Conservation on the Coast Home Assistance Local Program Business Conservation on the Coast Small Business Lighting Local Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	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
LDC	Business First Nations Conservation Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin Its Persistence Current year savin	85		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 High Efficiency Agriculturual Pumping Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	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
LDC	Business Instant Savings Local Program Business OPsaver Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	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
LDC	Consumer Pool Saver Local Program Consumer PUMPsaver Local Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	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
LDC	Business RTUsaver Local Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs		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 Social Benchmarking Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	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
LDC	Business Air Source Heat Pump - For Residential Space Heating LUL Innovation Fund Filot Business Air Source Heat Pump - For Residential Water Heating LDC Innovation Fund Pilot Business Block Heater Timer LDC Innovation Fund Pilot Program	Prog Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2017 Resul	Its Persistence Current year savin Current year savin	p p		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 Block Heater Timer LDC Innovation Fund Pilot Program Consumer Commercial Energy Management and Loyd Control (CEMIC) LDC (Consumer Control Co	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	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
LDC	Consumer Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Consumer Conservation Cultivator LDC Innovation Fund Pilot Program		EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	5		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 Data Centre LDC Innovation Fund Pilot Program Business Electronics Take Back LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	ps .		0	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 Reinvestment LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional		Its Persistence Current year savin Its Persistence Current year savin			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 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Business Hotel/Motel LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	lts Persistence Current year savin	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
LDC	Susiness Hotely Motes LDL Innovation Fund Pilot Program Consumer Intelligent Air Technology LDC Innovation Fund Pilot Program Consumer OPsaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Lommercial & Institutional Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	gs es		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 OPsaver LDC Innovation Fund Pilot Program		EE 2015 2017 Resul	Its Persistence Current year savin	82		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 PUMPsaver LDC Innovation Fund Pilot Program Consumer Residential Direct Install LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential					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 Residential Direct Mail LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin Its Persistence Current year savin	82		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 Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Consumer Retrocomissioning LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	85 es		0	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 RTUsaver LDC Innovation Fund Pilot Program Business Small & Medium Business Energy Management System LDC Innovation Fund Pilot	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	p		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 Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Lommercial & Institutional Toronto Hydro-Electric System Limite Industrial Progi Toronto Hydro-Electric System Limite Other	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	gs es		0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
	Other Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot F		EE 2015 2017 Resul	lts Persistence Current year savin	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
Non-LDC	Other Truckload Event LDC Innovation Fund Pilot Program Business Industrial Accelerator Program	Toronto Hydro-Electric System Limite Other Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin Current year savin	E2 E2		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	Consumer Save on Energy Energy Performance Program for Multi-Site Customers Business Whole Home Pilot Program	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	8		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 Save on Energy Retrofit Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	gs gs		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 Save on Energy High Performance New Construction Program Enabled Savings Business Save on Energy Process & Systems Upgrades Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	lts Persistence Current year savin	gg.		0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
	Consumer Non-Approved Program	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	85 85		0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
	Consumer Unassigned Program	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	gs		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 Conservation Voltage Reduction Conservation Fund Pilot Program Consumer EnerNOC Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	E2 E2		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 Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Business Lobiaw P4P Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs		0	0	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 Ontario Clean Water Agency P4P Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	gs		193	193	0 1	0 0	0 0	193	0 19	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
LDC	Business Performance Based Conservation Fund Pilot Program Business Social Benchmarking Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	gs		0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
	Business Strategic Energy Group Conservation Fund Pilot Program Business Strategic Energy Group Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	5		294	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 Appliance Retirement Initiative	Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Industrial	EE 2015 2017 Result	Its Persistence Current year savin	6		50	50	50	47 26	6 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
LDC	Business Coupon Initiative Business Bi-Annual Retailer Event Initiative	Toronto Hydro-Electric System Limite Industrial	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	8		315	306	306 3	306 306	6 306	143 306	306 30	143	228	97 197	127	197	197 13	3 133	133	133	0	0 0	0	0
	Consumer HVAC Incentives Initiative	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	gs .		1,730	1,730	1,730 1,7	730 1,730	0 1,730	1,730 1	730 1,73	0 1,730	1,730 1,7	1,730	1,730	1,730	1,730 1,73	1,730	1,593	0	0	0 0	0	0
LDC	Consumer Residential New Construction and Major Renovation Initiative Other Energy Audit Initiative	Toronto Hydro-Electric System Limite Other	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	8		902	902	902 9	902 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
LDC	Consumer Efficiency: Equipment Replacement Incentive Initiative Consumer Direct Install Lighting and Water Heating Initiative	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	gs		21,487	21,487	21,230 21,2 1,435 1.4				531 20,25 434 1,43	17,978	12,192 12,0 1,424 4	10,640	10,610	10,610	7,388 1,46	1,464	1,464	1,464	0	0 0	0	0
	Consumer Direct Install Lighting and Water Heating Initiative Consumer New Construction and Major Renovation Initiative	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	8		1,596	1,596	1,435 1,4	134 1,434 596 1,594			434 1,43 594 1,57	1,434	1,424 4	19 1,438	1,438	699	20 2		0	0	0	0 0	0	0
LDC	Consumer Existing Building Commissioning Incentive Initiative	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	g		147	147	147	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
LDC	Business Process and Systems Upgrades Initiatives - Project Incentive Initiative Business Process and Systems Upgrades Initiatives - Energy Manager Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Current year savin	gs gs		2,711	1,899	1,665 1,6	565 1,640	0 1,640	1,640 1	640 1,58	9 1,292	1,042 1,0	26 948	948	0	0		0	0	0	0 0	0	0
	Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Business Low Income Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs		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 Low income Initiative Business Aboriginal Conservation Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs es		148	132	130 1	0 0	0 0	125	0 10	0 98	94	0 0	89	16	16 1	16	16	16	0	0 0	0	0
LDC	Business Aboriginal Conservation Program Business Program Enabled Savings Business Save on Energy Coupon Program	Toronto Hydro-Electric System Limite Industrial	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin Its Persistence Current year savin	85		26	26	26	26 26	6 26	26	26 2	26	26	26	26	26	0) (0	0	0	0 0	0	0
LDC	Business Save on Energy Coupon Program Business Save on Energy Instant Discount Program	Tomoto Hydro-Electric System Limite Commercial Rinstitutional Tomoto Hydro-Electric System Limite Commercial Rinstitutional Tomoto Hydro-Electric System Limite Industrial Tomoto Hydro-Electric System Limite Industrial Tomoto Hydro-Electric System Limite Industrial Tomoto Hydro-Electric System Limite Commercial Rinstitutional Tomoto Hydro-Electric System Limite Rinstitutional Tomoto Hydro-Electric Rinstitutional Tomoto Hydro-Electric Rinstitutional Tomoto Hydro-Electric	EE 2015 2017 Resul	Its Persistence Current year savin	5		142	140	140 1	0 140	0 140	140	140 14	0 140	129	0 129	129	129	129 4	49	49	49	0	0 0	0	0
LDC	Business Save on Energy Instant Discount Program Business Save on Energy Heating & Cooling Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2017 Resul	Its Persistence Current year savin	gs		236	236	236 2	236 236	6 236	236	236 23	16 236	236	86 236	236	236	236 23	5 236	222	0	0	0 0	0	0
LDC	Business Save on Energy New Construction Program	Toronto Hydro-Electric System Limite Residential	2017 Resul	Its Persistence Current year savin	gg		9	9	9	9 9	9 9	9	9 38 3	9 9	9	9 9	9	9	9	5 6	6	6	3	0 0	0	0
LDC	Consumer Save on Energy Home Assistance Program Business Save on Energy Audit Funding Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	8		17	17	17	17 17	7 17	17	17 1	7 17	17	17 17	12	0	0		0	0	0	0 0	0	0
LDC	Consumer Save on Energy Retrofit Program Business Save on Energy Small Business Lighting Program Consumer Save on Energy High Performance New Construction Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	gs		3,655	3,632	3,609 3,6	0 3,609	9 3,602	3,427 3	427 3,36	0 0,813	1,433 1,1	997	997	997	632 8	80	80	80	0	0 0	0	0
LDC	Consumer Save on Energy High Performance New Construction Program	Toronto Hydro-Electric System Limite Residential	EE 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	5		21	21	21	21 21	1 21	21	21 2	11 21	21	21 21	21	21	21 2	21	21	21	21 2	11 21	21	21
LDC	Business Save on Energy Existing Building Commissioning Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Resul	Its Persistence Current year savin	6		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 Save on Energy Business Refrigeration Incentive Program Business Save on Energy Process & Systems Upgrades Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	gs gs		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 Save on Energy Energy Manager Program Business Save on Energy Monitoring & Targeting Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Result	Its Persistence Current year savin	gs .		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 Save on Energy Retrofit Program - P4P	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin Its Persistence Current year savin	6		0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0		0	0	0	0 0	0	0
	Consumer Save on Energy Process & Systems Upgrades Program - P4P	Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Resul	Its Persistence Current year savin	82		0	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. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initialive in Columns B to H and thy
 2. Please identify the source of the report via the dropdown list in Column I.
 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fill in
 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental for properties of the properties of the applicable savings and adjustments (Columns I. to ET) for all applicable initiatives in Tabs 4 and 5 of this work form.

 NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

Portfolio Program Initiative	ive					#1 Net Verified Annual Energy Sa	vings at the End-User	Level (kWh)																				
		Resor	ource Type) Year		Savings		N.															N.			N			
							8013	2014	8	2016	1017	2018	20	8021	2023	8025	2026	9028	29	-		90 33	34	2035	2036	00 38	2039	ě
	n Energy Coupon Program n Energy Instant Discount Program	Toronto Hydro-Electric System Limite Residential EE Toronto Hydro-Electric System Limite Residential EE	20:	2017 Results Persistence	Current year savings				13,376,491	13,269,295	13,269,295	13,269,295 13,	69,295 13,269,295	13,269,295 13,	261,508 13,261	1,508 13,261,508 12,498,6	37 12,410,617	12,410,617 12,174,	297 12,174,297	12,149,348	3,156,685 3,156,	3,156,685	3,156,685	0	0	0	0	0
	n Energy Heating & Cooling Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 Results Persistence 2017 Results Persistence	Current year savings Current year savings				3,565,130	3,565,130	3,565,130	3,565,130 3,	565,130 3,565,12	3,565,130 3,	565,130 3,565	5,130 3,565,130 3,565,1	30 3,565,130	3,565,130 3,565,	130 3,565,130	3,565,130	3,565,130 3,565,	130 3,424,603	3 0	0	0	0	0	0
LDC Consumer Save on I	n Energy New Construction Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	J 0	0	0	0	0	0
LDC Business Save on I	n Energy Home Assistance Program n Energy Audit Funding Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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
	n Energy Retrofit Program			2017 Results Persistence	Current year savings				5.964.477	5.964.477	5.954.738	5.954.738 5.	954.738 5.954.73	5.635,224 5.	535.224 5.560	0.764 4.517.589 2.010.2	58 1.998.272	1.195.922 1.195	922 1.195.922	883.917	305.843 305.	343 305.843	3 305.843		0	0	0	0
LDC Business Save on I	n Energy Small Business Lighting Program		20:						0	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 Save on I	n Energy High Performance New Construction Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	J 0	0	0	0	0	0
	n Energy Existing Building Commissioning Program	Toronto Hydro-Electric System Limite Industrial EE	20:	2017 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
	n Energy Business Refrigeration Incentive Program n Energy Process & Systems Upgrades Program		20:	2017 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	0
LDC Business Save on	n Energy Energy Manager Program	Column C		0	0																							
	n Energy Monitoring & Targeting Program	Toronto Hydro-Electric System Limite Industrial EE	20:	2017 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	0
	n Energy Retrofit Program - P4P		20:	2017 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 Save on I	n Energy Process & Systems Upgrades Program - P4P ve Thermostat Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE							0	0	0	0	0 /	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0
	ve Thermostat Local Program ss Refrigeration Incentives Local Program		20:	2017 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 Consumer Conserv	vation on the Coast Home Assistance Local Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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	0
	vation on the Coast Small Business Lighting Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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 First Nat	ations Conservation Local Program		20:	2017 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
	fficiency Agriculturual Pumping Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings			L	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 Instant S LDC Business OPsaver	t Savings Local Program er Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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
LDC Consumer Pool Save		Toronto Hydro-Electric System Limite Residential EE	20	2017 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	0
LDC Consumer PUMPsav	saver Local Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	J 0	0	0	0	0	0
LDC Business RTUsaver		Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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
	Benchmarking Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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 Air Source LDC Business Air Source	rrce Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pi rrce Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot P	Prog. Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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
	Heater Timer LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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 Consumer Commer	ercial Energy Management and Load Control (CEMLC) LDC Innovation Fund F	Pilo Toronto Hydro-Electric System Limite Residential EE	20:	2017 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 Consumer Conserva	vation Cultivator LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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
	entre LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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 F	enics Take Back LDC Innovation Fund Pilot Program Reinvestment LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20	2017 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	0
LDC Business Home E	Energy Assessment & Retrofit LDC Innovation Fund Pilot Program		20:	2017 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	0
LDC Business Hotel/Me	Motel LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	J 0	0	0	0	0	0
	ent Air Technology LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limitel Residential EE	20	2017 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
	er LDC Innovation Fund Pilot Program saver LDC Innovation Fund Pilot Program		20:	2017 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
	ntial Direct Install LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE							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 Resident	ntial Direct Mail LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	d 0	0	0	0	0	0
LDC Consumer Resident	ntial Ductless Heat Pump LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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
100	omissioning LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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 RTUsave	ver LDC Innovation Fund Pilot Program 2. Medium Buriners Energy Management System LDC Innovation Fund Pilot 8	Toronto Hydro-Electric System Limite Commercial & Institutional EE Pro Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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 Solar Pov	owered Attic Ventilation LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Industrial EE	20:	2017 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 7	0	0	0	0
LDC Other Toronto	o Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Pr								0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	a 0	0	0	0	0	0
	oad Event LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Other EE	20:	2017 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
	rial Accelerator Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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
Non-LDC Consumer Save on I Non-LDC Business Whole H	n Energy Energy Performance Program for Multi-Site Customers Home Pilot Program	Toronto Hydro-Electric System Limite Residential EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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	0
	n Energy Retrofit Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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	0
Non-LDC Business Save on I	n Energy High Performance New Construction Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	3 0	0	0	0	0	0
	n Energy Process & Systems Upgrades Program Enabled Savings			2017 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 Consumer Non-App LDC Consumer Unassign	pproved Program gned Program	Toronto Hydro-Electric System Limite Residential EE Toronto Hydro-Electric System Limita Residential EE	20:						0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0
	vation Voltage Reduction Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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 7	0	0	0	0
	DC Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 Results Persistence	Current year savings				198,755	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	a 0	0	0	0	0	0
	Depot Home Appliance Market Uplift Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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
	P4P Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				2,469,300	2,469,300	2,469,300	2,469,300 2,	69,300 2,469,300	2,469,300 2,	169,300 2,469	9,300 2,469,300	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0
LDC Business Ontario C	o Clean Water Agency P4P Conservation Fund Pilot Program mance Based Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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	0
	Benchmarking Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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	0
LDC Business Strategic	gic Energy Group Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				2,577,024	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	å o	0	0	0	0	0
LDC Business Appliance	nce Retirement Initiative	Toronto Hydro-Electric System Limite Industrial EE	20.	2017 Results Persistence	Current year savings				315,844	315,844	315,844	313,234	77,848	0	0	0 0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0
LDC Business Coupon I	n Initiative ual Retailer Event Initiative	Toronto Hydro-Electric System Limite Industrial EE	20:	2017 Results Persistence	Current year savings					2,241,912	2,241,912	2,241,912 2,												0	0	0	0	0
LDC Consumer HVAC Inc			20.	2017 Results Persistence	Current year savings							3,324,661	324,661 3.324 64	1 3,324.661 3	324,661 3.374	4,661 3,324.661 3,324.6	61 3.324.661							0	0	0	0	0
	ntial New Construction and Major Renovation Initiative	Toronto Hydro-Electric System Limite Residential EE	20:	2017 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	0
LDC Other Energy A	Audit Initiative	Toronto Hydro-Electric System Limite Other EE	20:	2017 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
LDC Consumer Efficiency	ncy: Equipment Replacement Incentive Initiative Install Lighting and Water Heating Initiative	Toronto Hydro-Electric System Limite Residential EE	20:	2017 Results Persistence	Current year savings														757 65,094,757	42,458,635	4,344,842 4,344,	342 4,344,842	4,344,842	0	0	0	0	0
LDC Consumer Direct In:	Install Lighting and Water Heating Initiative									8,635,489	6,390,743	6,382,399 6,	82,399 6,382,399	6,382,399 6,	382,399 6,382	2,399 6,382,399 6,277,5			200 1,200	151.424	151 434	0 0	0	0	0	0	0	0
	onstruction and Major Renovation Initiative g Building Commissioning Incentive Initiative	Toronto Hydro-Electric System Limite Residential EE	20	2017 Results Persistence	Current year savings							0	0 3,128,288	0 0	0 3,051	0 0 0	0 0	4,797,	0 2,127,389	131,434	0	0 0	0 0	0	0	0	0	0
	s and Systems Upgrades Initiatives - Project Incentive Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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	0
LDC Business Process	s and Systems Upgrades Initiatives - Energy Manager Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				8,278,171	5,798,837	5,118,624	5,118,624 5,	J12,537 5,012,53	7 5,012,537 4,	955,357 4,659	9,602 3,829,660 2,522,1	22 2,423,797	2,133,090 2,133,	090 4,140	4,140	4,140	0 0	J 0	0	0	0	0	0
	s and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 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
	come Initiative inal Conservation Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20	2017 Results Persistence	Current year savings				1,664,203	1,344,143	1,297,217	1,250,334 1,	33,358 1,233,356	1,211,645 1,	196,604 708	8,624 706,663 666,1	666,167	649,907 649,	76,185	71,603	71,603 71,	71,603	71,603	48,657	0	0	0	0
LDC Business Aborigin:	inal Conservation Program m Enabled Savings								311,368	311,368	311,368	311,368	311,368 311.36	311,368	311,368 311	1,368 311,368 311.3	68 311.368	311,368 311.	368 311.368	0	0	0 0	0 0	0	0	0	0	0
LDC Business Save on I	n Energy Coupon Program	Toronto Hydro-Electric System Limite Industrial EE	20:	2017 Results Persistence	Current year savings				2,212,339	2,190,586	2,190,586	2,190,586 2,	190,586 2,190,58	5 2,190,586 2,	189,422 2,189	9,422 2,189,422 2,076,6	2,062,654	2,062,654 2,052,	2,052,222	2,049,566	776,830 776,	330 776,830	776,830	0	0	0	0	0
LDC Business Save on I	n Energy Instant Discount Program	Toronto Hydro-Electric System Limite Industrial EE	20:	2017 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 Save on I	n Energy Heating & Cooling Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings					101,100								457,755 457,	755 457,755	101,7100	457,755 457,	755 445,645	0	0	0	0	0	0
	n Energy New Construction Program n Energy Home Assistance Program	Toronto Hydro-Electric System Limite Industrial EE Toronto Hydro-Electric System Limite Recidential EE	20:	2017 Results Persistence	Current year savings													39,134 39, 257,178 257			15,874 1, 28.321 29	321 28 221	1,157	1,157 20 506	0	0	0	0
	n Energy Audit Funding Program	Toronto Hydro-Electric System Limite Residential EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20	2017 Results Persistence 2017 Results Persistence	Current year savings				77,834	77,834	77,834		77,834 77,834		77,834 77			77,834 54.	184	0	0	0 0	0 0	0	0	0	0	0
LDC Consumer Save on I	n Energy Retrofit Program	Toronto Hydro-Electric System Limite Residential EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence 2017 Results Persistence	Current year savings				26,057,881	25,984,828	25,911,570			24,766,778 24,			11,029,516	8,213,098 8,213,	98 8,213,098	5,187,578	85,311 85,	811 85,311	1 85,311	0	0	0	0	0
LDC Business Save on I	n Energy Small Business Lighting Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0	0	0	0 0	J 0	0	0	0	0	0
LDC Consumer Save on I	n Energy High Performance New Construction Program	Toronto Hydro-Electric System Limite	20	2017 Results Persistence	Current year savings				77,097	77,097	77,097	77,097	77,097 77,09	77,097	77,097 77	7,097 77,097 77,0	97 77,097	77,097 77,	097 77,097	77,097	77,097 77,	097 77,097	77,097	77,097	77,097	77,097 7	7,097 77,	7,097
	n Energy Existing Building Commissioning Program n Energy Business Refrigeration Incentive Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20.	2017 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
LDC British 6	n Energy Business Refrigeration Incentive Program n Energy Process & Systems Upgrades Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence 2017 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	0
LDC Business Save on LDC Business Save on		, , , , , , , , , , , , , , , , , , , ,	20	AVA / INCAULD PERSONERCE	-uniter year savings				0	0	0	0	0	0	0	0 0	0 0	0	0 0		0		0	0	0	0	0	0
LDC Business Save on I		Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year caving																							
LDC Business Save on I LDC Business Save on I LDC Business Save on I	n Energy Energy Manager Program n Energy Monitoring & Targeting Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE Toronto Hydro-Electric System Limite Commercial & Institutional EE	20:	2017 Results Persistence	Current year savings Current year savings				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
LDC Business Save on I LDC Business Save on I LDC Business Save on I LDC Consumer Save on I	n Energy Energy Manager Program n Energy Monitoring & Targeting Program n Energy Retrofit Program - P4P	Toronto Hydro-Electric System Limite Commercial & Institutional EE Toronto Hydro-Electric System Limite Commercial & Institutional EE Toronto Hydro-Electric System Limite Residential EE	20: 20: 20:	015 2017 Results Persistence 015 2017 Results Persistence 015 2017 Results Persistence	Current year savings 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	0	0	0
LDC Business Save on I LDC Business Save on I LDC Business Save on I LDC Consumer Save on I LDC Consumer Save on I	n Energy Energy Manager Program n Energy Monitoring & Targeting Program	Toronto Hydro-Electric System Limite Commercial & Institutional EE	20: 20: 20:	2017 Results Persistence 2017 Results Persistence	Current year savings Current year savings				0	0	0	0	0	0 0	0	0 0 0	0 0	0 0	0 0	0	0	0 0	D 0	0	0 0	0	0	0



Ontario Energy Board

Supporting Documentation: LDC Persistence Savings Results from IESO

Drop Down List (Blue) Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the dropdown list in Column I.

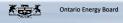
3. To facilities the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value represents (i.e., current vear savings for the year or an adjustment to a prior year' with different to a prior year' with different vear's results report.

5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

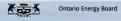
	NOTE: The Net Verified Peak Demand Savings table and Net Verifie	ed Energy Savings table below are in the reverse order to	uie accompanying tables in Tab 4 a	and rab 5. The tables below	matem alose prov	idea by the IESO.																								
	1-2020 Verified Program Results and Persistence into Future Years		#3 #2	12 #4	#1																									
Step: Portfolio	Program Initiative	LDC Sector	Conservation (Implementation Id Resource Type) Year	dentify Source of Report Identify	Status of Net	t Verified Annual Peak Dem	and Savings at the En	d-User Level (kW)																						
			resource type) real	Savings																										
						20 11	8	26	8	26	26	201	8	202	20 20	202	202	82 8	202	202	20	2 2	203	203	203	20 3	203	203	203	20 20
IDC	Buriners Buriners Refringation Incentions Local Brogram	Toronto Hvdro-Electric System Limite Commercial & Institutional	EE 2015 av			, k	ω	4	in o	òn o	7	60	6	8	р В		24	W 8	9	86	8	8 #			4	0 0	86	9	66	8 8
LDC	Business Business Refrigeration Incentives Local Program Business Conservation on the Coast Home Assistance Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Business Conservation on the Coast Small Business Lighting Local Program Business First Nations Conservation Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
LDC	Consumer High Efficiency Agriculturual Pumping Local Program	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Consumer Instant Savings Local Program	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Consumer OPsaver Local Program Business Pool Saver Local Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20 EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Business PUMPsaver Local Program Business RTUsaver Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
LDC	Business RTUsaver Local Program Business Social Reportmention Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional		2017 Results Persistence Current					0	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 Social Benchmarking Local Program Consumer Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro- Consumer Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Pro-	Toronto Hydro-Electric System Limite Commercial & Institutional og Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
			EE 2015 20	2017 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	0
LDC	Consumer Block Heater Timer LDC Innovation Fund Pilot Program Consumer Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pi	lo Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Business Conservation Cultivator LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	Consumer Data Centre LDC Innovation Fund Pilot Program Consumer Electronics Take Back LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Business Energy Reinvestment LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional		2017 Results Persistence Current					0	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 Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Business Hotel/Motel LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Industrial	EE 2015 20	2017 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	0 1
LDC	Business Hotel/Motel LDC Innovation Fund Pilot Program Other Intelligent Air Technology LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Other	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Other OPsaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Other	EE 2015 20	2017 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	0
Non-LDC Non-LDC	Business PUMPsaver LDC Innovation Fund Pilot Program Consumer Residential Direct Install LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings				68	68	68	68	68	68	0	06 6	0 68	68	0	0 68	68	0	0	0	0	0 0	0	0	0	0
Non-LDC	Business Residential Direct Mail LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limitel Commercial & Institutional	EE 2015 20	2017 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	0
Non-LDC Non-LDC	Business Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Business Retrocomissioning LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
Non-LDC	Business Retrocomissioning LDC Innovation Fund Pilot Program Business RTUsaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings				0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	o	0	0	0	0 0	0	0	0	0
LDC	Consumer Small & Medium Business Energy Management System LDC Innovation Fund Pilot Programs Consumer Solve Research After Monthlytics LDC Innovation Fund Pilot Programs	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Consumer Some American Consumer Solven Service Service Service Service From Total Plot Program Consumer Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Plot Program Consumer Truckload Event LDC Innovation Fund Plot Program Truckload Event LDC Innovation Fund Plot Program	Toronto Hydro-Electric System Limite Residential gy Toronto Hydro-Electric System Limite Residential		2017 Results Persistence Current 2017 Results Persistence Current					0	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 Truckload Event LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Consumer Industrial Accelerator Program Business Save on Energy Energy Performance Program for Multi-Site Customers	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional		2017 Results Persistence Current 2017 Results Persistence Current			_		0	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 Whole Home Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
	Business Save on Energy Retrofit Program Enabled Savings Business Save on Energy High Performance New Construction Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 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	0 1
LDC	Business Save on Energy Process & Systems Upgrades Program Enabled Savings Business Non-Approved Program Non-Approved Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings year savings		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
	Business Non-Approved Program	Toronto Hydro-Electric System Limite Industrial	EE 2015 20	2017 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	0
LDC	Business Unassigned Program Business Conservation Voltage Reduction Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Industrial	EE 2015 20 EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Consumer EnerNOC Conservation Fund Pilot Program		EE 2015 20	2017 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	0
LDC	Consumer Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Other Lobiaw PAP Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Other Toronto Hydro-Electric System Limite Residential		2017 Results Persistence Current 2017 Results Persistence Current			_		0	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	Other Lobiaw P4P Conservation Fund Pilot Program Consumer Ontario Clean Water Agency P4P Conservation Fund Pilot Program Consumer Performance Based Conservation Fund Pilot Program		EE 2015 20	2017 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	0
LDC	Consumer Performance Based Conservation Fund Pilot Program Consumer Social Benchmarking Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 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	0 /
LDC	Consumer Strategic Energy Group Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current	year savings 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	0
LDC	Business Appliance Retirement Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
LDC	Business Coupon Initiative Business Bi-Annual Retailer Event Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Business HVAC Incentives Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current	year savings				38	38	38	38	38	38	38	38 3	8 38	38	38	38 38	38	38	38	38	36	0 0	0	0	0	0
LDC	Business Residential New Construction and Major Renovation Initiative Business Energy Audit Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Industrial	EE 2015 20 EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings year savings				591	591	591	591	1,554	1,554	1,554	,554 1,55	4 1,554	1,554	1,554 1,5	54 1,088	0	0	0	0	0	0 0	0	0	0	0
LDC	Business Efficiency: Equipment Replacement Incentive Initiative	Toronto Hydro-Electric System Limite Industrial	EE 2015 20	2017 Results Persistence Current	year savings				2,679	2,675	2,595	2,592	2,592	2,592	2,482	,482 2,29	7 1,846	1,239	1,110 1,0	52 1,052	1,052	820	68	68	68 6	0 8	0	0	0	0
LDC	Business Direct Install Lighting and Water Heating Initiative Business New Construction and Major Renovation Initiative	Toronto Hydro-Electric System Limite Industrial Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings				5,499	5,499	5,499	5,499	5,499	5,499	5,499 5	,499 5,49	9 5,499	5,499	5,499 5,4	99 5,499	2,386	0	0	0	0	0 0	0	0	0	0
LDC	Business Existing Building Commissioning Incentive Initiative Consumer Process and Systems Upgrades Initiatives - Project Incentive Initiative	Toronto Hydro-Electric System Limite Industrial	EE 2015 20	2017 Results Persistence Current	year savings				74	74	74	74	74	74	74	74 7	4 74	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0
	Consumer Process and Systems Upgrades Initiatives - Project Incentive Initiative Business Process and Systems Upgrades Initiatives - Energy Manager Initiative	Toronto Hydro-Electric System Limite Residential		2017 Results Persistence Current					0	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0
	Consumer Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Business Low Income Initiative Consumer Aboriginal Conservation Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current	year savings		_		3	3	3	3	3	3	3	3	3 3	3	3	3 3	2	2	2	2	2	0 0	0	0	0	0 /
LDC	Business Program Enabled Savings	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Business Save on Energy Coupon Program Business Save on Energy Instant Discount Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 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	0
	eusiness Save on energy instant uscount Program Business Save on Energy Heating & Cooling Program Business Save on Energy New Construction Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
		Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Consumer Save on Energy Home Assistance Program Consumer Save on Energy Audit Funding Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings year savings				37	37	37	37	37	37	37	37 3	7 37	37	37	37 26	0	0	0	0	0	0 0	0	0	0	0
LDC	Business Save on Energy Retrofit Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current	year savings				280	303	329	350	350	350	581	581 58	1 486	219	223 2	15 215	215	150	6	6	6	6 0	0	0	0	0
LDC	Business Save on Energy Small Business Lighting Program Business Save on Energy High Performance New Construction Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Business Save on Energy Existing Building Commissioning Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
	Business Save on Energy Business Refrigeration Incentive Program Consumer Save on Energy Process & Systems Upgrades Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Consumer Save on Energy Energy Manager Program	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Consumer Save on Energy Monitoring & Targeting Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
LDC	Business Save on Energy Retrofit Program - P4P Business Save on Energy Process & Systems Upgrades Program - P4P	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
LDC	Business Save on Energy Process & Systems Upgrades Program - P4P Business Adaptive Thermostat Local Program Business Business Refrigeration Incentives Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current 2017 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	0
LDC	Business Business Refrigeration Incentives Local Program Consumer Conservation on the Coast Home Assistance Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 Results Persistence Current 2017 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	0
LDC	Consumer Conservation on the Coast Small Business Lighting Local Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Consumer First Nations Conservation Local Program Consumer High Efficiency Agriculturual Pumping Local Program	Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Residential	EE 2015 20	017 Parulte Parrietanca Current	war ravings				0	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 Vigh Efficiency Agriculturual Pumping Local Program Business Instant Savings Local Program Consumer Oscillator Local Program Consumer Pool Saver Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current 2017 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	0
LDC	Consumer OPsaver Local Program	Toronto Hydro-Electric System Limite Residential	EE 2015 20	2017 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	0
LDC	Business PUMPsaver Local Program	Tomoto hydro-Electic System Limite Rendertaid Tomoto hydro-Electic System Limite Commercia & Institutional	2015 20	2017 Results Persistence Current 2017 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	0
LDC	Business PUMPsaver Local Program Business RTUsaver Local Program Business Social Benchmarking Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
LDC	Business Social Benchmarking Local Program Other Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro	Toronto Hydro-Electric System Limite Industrial	EE 2015 20	2017 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	0
LDC		We will all the second of the		2017 Results Persistence Current 2017 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	0
Non-LDC	Other Mr Source Heat Purp – For Residential Water Heating LDC Innovation Fund PRick Pt Business Block Heater Timer LDC Innovation Fund Prick Pt Business Block Heater Timer LDC Innovation Fund Pt Business Consumers Commercial Fungy Management and Load Control (CMMC) LDC Innovation Fund Pt Business Conservation Collaborat LDC Innovation Fund Prick Program Business Data Center LDC Innovation Fund Prick Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0
Non-LDC	Business Conservation Cultivator LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 Results Persistence Current 2017 Results Persistence Current	year savings 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	0
Non-LDC	Business Data Centre LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 20	2017 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	0



- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initialive in Columns B to H and thy
 2. Please identify the source of the report via the dropdown list in Column I.
 3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fill in
 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental for properties of the properties of the applicable savings and adjustments (Columns I. to ET) for all applicable initiatives in Tabs 4 and 5 of this work form.

 NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

Step: #1 Portfolio Progra	Verified Program Results and Persistence into Future Years	IDC Sarter	Conservation	#3 #2 (Implementation Identify Source of Report	#4 t Identify Status of	#1	nual Engrave of a de-	gs at the End-User	Level (NAF)																						
ortrollo Progra	m initiative	Sector C	Resource Type	Year (implementation libertity source of Report	Savings	Net Verified Ann	nual Energy Savin	gs at the End-User	Level (kWh)																						
	- 						T																								
						2011	2012	2013	2014	20 51	2016	2017	2018	2019	2021	2022	2023	2025	2026	2027		20 20 20 20 20 20 20 20 20 20 20 20 20 2	2031	2032	2033	2034	20 35	2036	2037		20 20 20 20 20 20 20 20 20 20 20 20 20 2
	ess Business Refrigeration Incentives Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
C Busine	ess Conservation on the Coast Home Assistance Local Program Conservation on the Coast Small Business Lighting Local Brogram	Toronto Hydro-Electric System Limite Commercia & Institutional E Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
C Busine	ess Conservation on the Coast Small Business Lighting Local Program ess First Nations Conservation Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
	imer High Efficiency Agriculturual Pumping Local Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
C Consui	imer Instant Savings Local Program OPsaver Local Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
C Busine	ess Pool Saver Local Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
	ess PUMPsaver Local Program ess RTUsaver Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
DC Busine	ss RTUsaver Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
	ess Social Benchmarking Local Program Als Source Meet Pump — For Regidential Space Meeting LDC Innovation Fund Bilds Program		EE	2015 2017 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	0
OC Consul	mer Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro imer Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Pro	ng Toronto Hydro-Flectric System Limite Residential	EE	2015 2017 Results Persistence 2015 2017 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	0
			EE	2015 2017 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	0
OC Consul	imer Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pi	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 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	0
OC Busine	ess Conservation Cultivator LDC Innovation Fund Pilot Program mer Data Centre LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Residential E	EE FF	2015 2017 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	0
	imer Electronics Take Back LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 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	0
DC Busine	ess Energy Reinvestment LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
			EE	2015 2017 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	0
DC Sther	ess Hotel/Motel LDC Innovation Fund Pilot Program Intelligent Air Technology LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Industrial E Toronto Hydro-Electric System Limite Other E	EE	2015 2017 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	0
DC Other	OPsaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Other	EE	2015 2017 Results Persistence 2015 2017 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	0
Ion-LDC Busine	ess PUMPsaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence	Current year savings					667,979	667,979	667,979	667,979	667,979 6	67,979 667,9	979 667,979	667,979	667,979 667,97	9 667,979	667,979	67,979	667,979	0	0	0	0	0	0	0	0	0
Ion-LDC Consul	mer Residential Direct Install LDC Innovation Fund Pilot Program ess Residential Direct Mail LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
	ess Residential Direct Mail LDC Innovation Fund Pilot Program ess Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
Ion-LDC Busine	ess Retrocomissioning LDC Innovation Fund Pilot Program ess RTUsaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
			EE	2015 2017 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	0
DC Consu	mer Small & Medium Business Energy Management System LDC Innovation Fund Pilot Pr	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
LDC Consu	mer Small & Medium Business Energy Management System LDC Innovation Fund Pilot Pri imer Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program foronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program fruckload Event LDC Innovation Fund Pilot Program	ogi Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 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	0
LDC Consu	mer Truckload Event LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
LDC Consui	Industrial Accelerator Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
LDC Busine	ess Save on Energy Energy Performance Program for Multi-Site Customers ess Whole Home Pilot Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
	ess Save on Energy Retrofit Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0
LDC Busine	ess Save on Energy High Performance New Construction Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
	Save on Energy Process & Systems Upgrades Program Enabled Savings	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Industrial E	EE	2015 2017 Results Persistence 2015 2017 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	0
LDC Busine	ess Non-Approved Program ess Unassigned Program	Toronto Hydro-Electric System Limite Industrial E Toronto Hydro-Electric System Limite Industrial E	EE	2015 2017 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	0
LDC Busine	ess Conservation Voltage Reduction Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Industrial	EE	2015 2017 Results Persistence 2015 2017 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	0
DC Consu	mer EnerNOC Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
DC Consui	mer Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Loblaw P4P Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Other E	EE	2015 2017 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	0
.DC Consui		Toronto Hydro-Electric System Limite Other Toronto Hydro-Electric System Limite Residential	EE	2015 2017 Results Persistence 2015 2017 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	0
.DC Consui	imer Performance Based Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
	mer Social Benchmarking Conservation Fund Pilot Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 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	0
	mer Strategic Energy Group Conservation Fund Pilot Program		EE	2015 2017 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	0
LDC Busine	Appliance Retirement Initiative css Coupon Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings Current year savings			+		276,468	274,563	274,563	274,563	274,563 2	74,563 274,5	563 274,520	274,520	274,520 261,09	1 254,175	254,175	53,541	253,541 253,475	79,919	79,919	79,919	79,919	0	0	0	0	0
LDC Busine	ess Bi-Annual Retailer Event Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
	ess HVAC Incentives Initiative	Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Commercial & Institutional Electric System Limite Toronto Hydro-Electric System Limite Industrial Electric System Limite	EE	2015 2017 Results Persistence	Current year savings					74,313	74,313	74,313	74,313	74,313	74,313 74,3	313 74,313	74,313	74,313 74,31	3 74,313	74,313	74,313	74,313 74,313	74,313	74,313	72,176	0	0	0	0	0	0
	ess Residential New Construction and Major Renovation Initiative ess Energy Audit Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE FF	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings			+		2.775.299	2 775 299	2 775 299	2 775 299	7.005.028 7.0	05.028 7.005.0	7 005 028	7,005,028 7,0	05 028 7 005 02	8 7.005.028	7.005.028 4	03 520	0 0	0	0	0	0	0	0	0	0	0
LDC Busine	ss Efficiency: Equipment Replacement Incentive Initiative	Toronto Hydro-Electric System Limite Industrial E	EE	2015 2017 Results Persistence	Current year savings					15,778,202	15,766,691	15,510,281	15,501,445	15,501,445 15,5	01,445 14,600,2	267 14,600,267	14,011,101 10,1	171,176 5,563,75	4 4,996,108	4,634,409 4,	31,216 4	3,631,216 3,477,510	160,002	160,002	160,002	160,002	0	0	0	0	0
LDC Busine	ess Efficiency: Equipment Replacement Incentive Initiative ess Direct Install Lighting and Water Heating Initiative	Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Commercial & Institutional	EE	2015 2017 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	0
	New Construction and Major Renovation Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence	Current year savings					20,332,548	20,332,548	20,332,548		20,332,548 20,3 243,087 2	32,548 20,332,5	20,332,548	20,332,548 20,3 243,087 2	332,548 20,332,54 243,087	8 20,332,548	20,332,548 20,	32,548 8	3,822,462	0	0	0	0	0	0	0	0	0
LDC Consul	ess Existing Building Commissioning Incentive Initiative Process and Systems Upgrades Initiatives - Project Incentive Initiative	Toronto Hydro-Electric System Limite Industrial E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings					5,326,500	5,326,500	5,326,500	243,087 5,326,500	5,326,500 5,3	26,500 5,326,5	500 5,326,500	5,326,500 5,3	326,500 5,326,50	0 5,326,500	5,326,500 5,	26,500 5	5,326,500 5,326,500	5,326,500	5,326,500	5,326,500	5,326,500	0	0	0	0	0
LDC Busine	ess Process and Systems Upgrades Initiatives - Energy Manager Initiative	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings					125,317	125,317	125,317	125,317	125,317	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0	0
LDC Consu	mer Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
LDC Consu	ess Low Income Initiative Imer Aboriginal Conservation Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings					15,871	15,220	15,155	15,090	14,941	14,941 14,6	0 14,582	13,700	13,700 12,85	0 12,852	12,852	12,852	6,345 6,078	6,078	6,078	6,078	6,078	0	0	0	0	0
LDC Busine	ess Program Enabled Savings	Toronto Hudro-Electric Surtem Limite Commercial & Institutional	EE	2015 2017 Results Persistence 2015 2017 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	0
LDC Busine	save on Energy Coupon Program	Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Commercial & Institutional Electric System Limite Commercial & Institutional	EE	2015 2017 Results Persistence 2015 2017 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	0
DC Busine	ess Save on Energy Instant Discount Program ess Save on Energy Heating & Cooling Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
DC Busine	ess Save on Energy Heating & Cooling Program ess Save on Energy New Construction Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence						0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0	0
DC Consu	imer Save on Energy Home Assistance Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
DC Consu	mer Save on Energy Audit Funding Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence	Current year savings					173,533	173,533	173,533	173,533		73,533 173,5			173,533 173,53		173,533	21,473	0 0	0	0	0	0	0	0	0	0	0
DC Busine	ess Save on Energy Retrofit Program ess Save on Energy Small Business Lighting Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence	Current year savings					7,223,498	7,296,551	7,379,548	7,448,008	7,448,008 7,4	48,008 8,888,3	8,888,363	8,902,601 8,2	247,318 6,400,34	6 6,307,511	6,304,209 6,	04,209 6	5,304,209 4,345,008	20,206	20,206	20,206	20,206	0	0	0	0	0
DC Busine	ess Save on Energy High Performance New Construction Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
DC Busine	ess Save on Energy Existing Building Commissioning Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 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	0
DC Busine	ess Save on Energy Business Refrigeration Incentive Program	Toronto Hydro-Electric System Limite Commercial & Institutional	EE	2015 2017 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	0
	imer Save on Energy Process & Systems Upgrades Program Save on Energy Energy Manager Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 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	0
OC Consui	mer Save on Energy Monitoring & Targeting Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
C Busine	ess Save on Energy Retrofit Program - P4P	Toronto Hydro-Electric System Limite Commercial & Institutional	EE	2015 2017 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	0
C Busine	ess Save on Energy Process & Systems Upgrades Program - P4P ess Adaptive Thermostat Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Commercial & Institutional E	FF .	2015 2017 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	0
C Busine	ess Business Refrigeration Incentives Local Program	Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 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	0
	imer Conservation on the Coast Home Assistance Local Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
Consui	mer Conservation on the Coast Small Business Lighting Local Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
	mer First Nations Conservation Local Program mer High Efficiency Agriculturual Pumping Local Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 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	0
	Imer High Efficiency Agriculturual Pumping Local Program Ess Instant Savings Local Program	Toronto Hydro-Electric System Limite Residential E Toronto Hydro-Electric System Limite Commercial & Institutional E Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence						0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0	0	0	0	0	0
C Consui	mer OPsaver Local Program	Toronto Hydro-Electric System Limite Residential E	EE	2015 2017 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	0
C Consui	imer Pool Saver Local Program ess PUMPsaver Local Program	Toronto Hydro-Electric System Limite Residential	EE	2015 2017 Results Persistence 2015 2017 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	0
	ess PUMPsaver Local Program ess RTUsaver Local Program	Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Toronto Hydro-Electric System Limite Commercial & Institutional Electric System Limite Commercial & Institutional	EE	2015 2017 Results Persistence 2015 2017 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	0
C Busine				zui7 Results Persistence	current year savings		_			,			,	_													-			0	0
C Busine C Busine	ess Social Benchmarking Local Program	Toronto Hydro-Electric System Limite Industrial	EE	2015 2017 Results Persistence						0	0	0	0	0	0	U	0	0	0	0	0	0		0	0	0	0	0	0		
DC Busine DC Busine DC Other	ess Social Benchmarking Local Program Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro	Toronto Hydro-Electric System Limite Industrial E og Toronto Hydro-Electric System Limite Other E	EE	2015 2017 Results Persistence 2015 2017 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	0
DC Busine DC Busine DC Other DC Other	ess Social Benchmarking Local Program Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro Air Source Heat Pump – For Residential Water Heating LDC innovation Fund Pilot Pro	og Toronto Hydro-Electric System Limite Other E og Toronto Hydro-Electric System Limite Other E	EE EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0	0	0	0
DC Busine DC Busine DC Other DC Other Ion-LDC Busine	ess Social Benchmarking Local Program Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Pro ess Block Heater Timer LDC Innovation Fund Pilot Program	og Toronto Hydro-Electric System Limite Other E Toronto Hydro-Electric System Limite Other E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE EE EE	2015 2017 Results Persistence 2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings Current year savings 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	0	0	0 0 0	0	0	0	0	0 0	0 0
DC Busine DC Busine DC Other DC Other Ion-LDC Busine ion-LDC Consulton-LDC ion-LDC Busine	ess Social Benchmarking Local Program Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro Air Source Heat Pump – For Residential Water Heating LDC innovation Fund Pilot Pro	og Toronto Hydro-Electric System Limite Other E Toronto Hydro-Electric System Limite Other E Toronto Hydro-Electric System Limite Commercial & Institutional E	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings Current year savings Current year savings 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 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0	0 0 0	0 0 0 0 0 0 0	0 0 0	0 0 0 0 0 0	0	0 0 0 0 0	0 0 0 0 0	0 0 0



Supporting Documentation: LDC Persistence Savings Results from IESO

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

 2. Please identify the source of the report via the dropdown list in Column I.

 3. To facilities the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

 4. Please identify what the savings value represents (i.e., current vear savings for the year or an adjustment to a prior year' with different to a prior year' with different vear's results report.

 5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

 NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

ible /.	2011-2020	verified Program	results and	Persistence into	ruture rears

Table 7. 20	-2020 Verified Program Results and Persistence into Future Years							
Step: Portfolio	#1 Program Initiative LDC Sector	#3 #2 #4 #1 Conservation (Implementation Identify Source of Report Identify Status of N	11					
rontiono	Trogram amative	Resource Type) Year Savings	vec vermed Annual Feak Demand Savings at the End-Oser Level (KW)					
			201 201 201	8 8 8	20 20 20	20 20 20 20 20 20 20 20 20 20 20 20 20 2	20 20 20 20 20 20 20 20 20 20 20 20 20 2	
			4 4 4	U	9 8 5	8 10 2	Q 86 8 F	S & S & S
Non-LDC Non-LDC	Business Electronics Take Back LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Commercial & Institutional Business Energy Reinvestment LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Results Persistence Current year savings EE 2015 2017 Results Persistence Current year savings		0 0 0		0 0 0 0	0 0 0	
LDC	Consumer Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Results Persistence Current year savings Current year savings Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC		EE 2015 2017 Results Persistence Current year sayings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Consumer Intelligent Air Technology LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Residential Consumer OPsaver LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Results Persistence Current year savings EE 2015 2017 Results Persistence Current year savings Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Consumer Desaver LUC Innovation Fund Pilot Program Ioronto Hydro-Electric System Limite Residential Consumer PUMPsaver LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Residential	FF 2015 2017 Results Persistence Current year savings						
LDC	Residential Direct Install LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Residential Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Results Persistence Current year savings EE 2015 2017 Results Persistence Current year savings		0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Business Residential Direct Install LDC Innovation Fund Pilot Program Toronto-Hydro-Electric System Limite Commercial & Institutional Business Residential Direct Mail LDC Innovation Fund Pilot Program Toronto-Hydro-Electric System Limite Commercial & Institutional Business Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Toronto-Hydro-Electric System Limite Commercial & Institutional Pilot Program Toronto-Hydro-Electric System Limite Pilot Program Toronto-Hydro-Electric S	EE 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Results Persistence Current year savings EE 2015 2017 Results Persistence Current year savings Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Retrocomissioning LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Commercial & Institutional	EE 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Business RTUsaver LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Commercial & Institutional Business Small & Medium Business Energy Management System LDC Innovation Fund Pilot Pro Toronto Hydro-Electric System Limite Industrial	EE 2015 2017 Results Persistence Current year savings		0 0 0			0 0 0	
LDC	Business Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Industrial	EE 2015 2017 Results Persistence Current year savings EE 2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Progr Toronto Hydro-Electric System Limite Industrial	EE 2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Consumer Truckload Event LDC Innovation Fund Pilot Program Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
	Consumer Industrial Accelerator Program Toronto Hydro-Electric System Limite Residential	EE 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Other Save on Energy Energy Performance Program for Multi-Site Customers Toronto Hydro-Electric System Limite Other Business Whole Home Pilot Program	EE 2015 2017 Results Persistence Current year savings						
LDC	Business Save on Energy Retrofit Program Enabled Savings	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
LDC	Business Save on Energy High Performance New Construction Program Enabled Savings Business Save on Energy Process & Systems Upgrades Program Enabled Savings	2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
		2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
	Business Non-Approved Program Business Linary Inner Program	2015 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Unassigned Program Business Conservation Voltage Reduction Conservation Fund Pilot Program	2015 2017 Results Persistence Current year savings					0 0 0	
LDC	Business EnerNOC Conservation Fund Pilot Program	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Home Depot Home Appilance Market Uplift Conservation Fund Pilot Program Business Lobiaw P4P Conservation Fund Pilot Program	2015 2017 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
LDC	Business Loblaw P4P Conservation Fund Pilot Program	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0 0 0 0
LDC	Business Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2015 2017 Results Persistence Current year savings		0 0		0 0 0 0	0 0 0	
LDC	Business Performance Based Conservation Fund Pilot Program Business Social Benchmarking Conservation Fund Pilot Program	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Strategic Energy Group Conservation Fund Pilot Program	2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Appliance Retirement Initiative	2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Coupon Initiative	2015 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Business Bi-Annual Retailer Event Initiative NVAC Incentives Initiative	2015 2017 Results Persistence Current year savings						
LDC	Consumer Residential New Construction and Major Renovation Initiative	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Consumer Energy Audit Initiative	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
	Business Efficiency: Equipment Replacement Incentive Initiative	2015 2017 Results Persistence Current year savings		-24 -19 317	358 358 358 1,165 1,16		233 213 213 191 1	20 120 120 120 0 0 0 0
LDC	Business Direct install Lighting and Water Heating Initiative Business New Construction and Major Renovation Initiative	2015 2017 Results Persistence Current year savings		-628 -436 135	201 201 201 201 20	01 201 201 201 182	-1 -1 -1 0	
LDC	Business Existing Building Commissioning Incentive Initiative	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0	0 0 0 0	0 0 0 0	0 0 0	
	Business Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Process and Systems Upgrades Initiatives - Energy Manager Initiative	2015 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Business Low Income Initiative	2015 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Business Aboriginal Conservation Program	2015 2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings				0 0 0 0	0 0 0	
LDC	Business Program Enabled Savings	2017 Results Persistence Current year savings 2015 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Save on Energy Coupon Program	2016 2017 Results Persistence Current year savings		4,896 4,896	4,896 4,896 4,896 4,896 4,89	96 4,895 4,895 4,879 4,737	4,737 4,737 4,733 4,193 4,1	1,456 0 0 0 0 0 0
LDC	Business Save on Energy Instant Discount Program Consumer Save on Energy Heating & Cooling Program	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0 0 2.725 2.725 2.725 2.725 2.72	0 0 0 0	0 0 0 0 2,725 2,725 2,725 2,725 2,7	0 0 0 0 0 0 0 0
LDC	Consumer Save on Energy Heating & Loosing Program Consumer Save on Energy New Construction Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 2,725 2,725	2,725 2,725 2,725 2,725 2,725 2,725 47 47 47 47	25 2,725 2,725 2,725 2,725 47 47 47 47 47	2,725 2,725 2,725 2,725 2,7 47 47 47 47 47	5 2/15 2/15 2510 0 0 0
LDC	Consumer Save on Energy Home Assistance Program	2016 2017 Results Persistence Current year savings		0 139 139	138 138 138 138 13	37 137 133 106 52	52 48 48 48	48 48 48 48 1 1 1 1 1 1
LDC	Rusiness Save on Fnerey Audit Funding Program	2016 2017 Results Persistence Current year savings		0 105 106	105 105 105 105 10		0 0 0	
LDC	Business Save on Energy Retrofit Program Business Save on Energy Small Business Lighting Program	2016 2017 Results Persistence Current year savings		0 26,210 25,543 2	25,543 25,543 25,542 25,431 25,43	31 25,431 25,324 25,324 25,088	18,893 9,475 9,475 1,517 2	80 260 260 260 260 0 0 0 0
LDC	Business Save on Energy High Performance New Construction Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 1577 1577	1.577 1.577 1.577 1.577 1.577	77 1577 1577 1577 1577	1.577 1.577 1.577 1.577 1.4	1383 1374 1369 1369 1369 1369 1369 1369
LDC	Business Save on Energy Existing Building Commissioning Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Save on Energy Business Refrigeration Incentive Program	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
	Business Save on Energy Process & Systems Upgrades Program	2016 2017 Results Persistence Current year savings		0 23 23	23 23 23 0	0 0 0 0	0 0 0	
LDC	Business Save on Energy Energy Manager Program Business Save on Energy Monitoring & Targeting Program	2016 2017 Results Persistence Current year savings		950 950	935 935 227 12	27 127 127 127 111	110 92 92 92	6 46 46 46 0 0 0 0
LDC	Business Save on Energy Retrofit Program - P4P	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Save on Energy Process & Systems Upgrades Program - P4P	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Business Save on Energy Process & Systems Upgrades Program - PAP Adaptive Thermosata Local Program Adaptive Thermosata Local Program Business Local Program Business Conservation on the Coset Home Assistance Local Program	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Business Conservation on the Coast Home Assistance Local Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0			0 0 0	
LDC	Business Conservation on the Coast Small Business Lighting Local Program	2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Conservation on the Coast Small Business Lighting Local Program Business First Nations Conservation Local Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Consumer High Efficiency Agriculturual Pumping Local Program	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Instant Savings Local Program Consumer OPsaver Local Program	2016 2017 Results Persistence Current year savings		0 0				
LDC	Business Pool Saver Local Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Pool Saver Local Program Consumer PUMPsaver Local Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 75 75	75 75 75 75 75	75 75 75 75 75	75 75 75 75	0 0 0 0 0 0 0 0 0
LDC	Consumer RTUsaver Local Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0 0 0 0
	Business Social Benchmarking Local Program Business Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program Business Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Block Heater Timer LDC Innovation Fund Pilot Program	2016 2017 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
LDC	Blusiness Sick Heater Timer LDC Innovation Fund Pilot Program Consumer Commercial Energy Management and Load Control (ESMLC) LDC Innovation Fund Pilot Program Blusiness Conservation Cultivator LDC Innovation Fund Pilot Program Blusiness Conservation Cultivator LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Conservation Cultivator LDC Innovation Fund Pilot Program Consumer Data Centre LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings						
LDC	Consumer Electronics Take Back LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 36 36	36 36 36 30 3	30 30 0 0	0 0 0	
LDC	Consumer Energy Reinvestment LDC Innovation Fund Pilot Program	2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	0 0 0 0 0 0 0
LDC	Non-Resident Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program Business Hotel/Motel LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Hotel/Motel LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	
LDC	Consumer Intelligent Air Technology LDC Innovation Fund Pilot Program Consumer OPawer LDC Innovation Fund Pilot Program Consumer NUMPswer LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings Current year savings		0 2 2	2 2 2	2 2 2 6 2	.58 .65	
LDC	Consumer PUMPsaver LDC Innovation Fund Pilot Program	2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0	0 0 0	
LDC	Rusiness Residential Direct Install LDC Innovation Fund Pilot Program	2016 2017 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
LDC	Business Residential Direct Mail LDC Innovation Fund Pilot Program Business Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	2016 2017 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
LDC	Business Residential Ductiess Heat Pump LDC Innovation Fund Pilot Program Business Residential Ductiess Heat Pump LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Retrocomissioning LDC Innovation Fund Pilot Program Business RTUsaver LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		0 27 27	27 27 27 27 2	27 27 27 27	0 0 0	
LDC	Business Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	2016 2017 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
LDC	Business Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0	0 0 0	0 0 0 0	0 0 0	
LDC	Business Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	2016 2017 Results Persistence Current year savings		0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	
LDC	Business Truckload Event LDC Innovation Fund Pilot Program Business Industrial Accelerator Program	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings		207 207	207 207 207 207 20	07 207 207 207 207	207 207 176 176	
LUC		2017 Results Persistence Current year savings		9		, ,		



- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and thy
 2. Please identify the source of the report via the dropdown list in Column I.
 3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fills
 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental
 5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

 NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

able 7. 2011-2020 Verified Pro	rogram Results and Persistence into Future Years																												
tep: #1 ortfolio Program Initiativ	tive	LDC Sec	ector	Conservation (Implement	#2 entation Identify Source of Repo	#4 ort Identify Status of	#1 Net Verified Annual Energy S	avings at the End-Use	r Level (kWh)																				
				Resource Type) Year		Savings															1								
							2011	2013	2014	2015	2016	2017	2018	2019	2022	2023	2025	2026	2028	2029	2030	2032	2033	2034	2035	2036	2037	2038	2040
on-LDC Business Electron	ronics Take Back LDC Innovation Fund Pilot Program ty Reinvestment LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Con	ommercial & Institutional	EE	2015 2017 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	0
DC Consumer Home Er	Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Con Toronto Hydro-Electric System Limite Res	ommercial & Institutional esidential	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
DC Consumer Hotel/M	/Motel LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Res	esidential	EE	2015 2017 Results Persistence 2015 2017 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	0	0
OC Consumer Intellige OC Consumer OPsaver	gent Air Technology LDC Innovation Fund Pilot Program eer LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Res Toronto Hydro-Electric System Limite Res	esidential esidential	EE	2015 2017 Results Persistence 2015 2017 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	0	0
OC Consumer PUMPsa	Psaver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Res	esidential	EE	2015 2017 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	0	0
DC Business Resident DC Business Resident	ential Direct Install LDC Innovation Fund Pilot Program ential Direct Mail LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Con Toronto Hydro-Electric System Limite Con	ommercial & Institutional ommercial & Institutional	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
DC Business Resident	ential Ductless Heat Pump LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Cor	ommercial & Institutional	EE	2015 2017 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	0	0
DC Business RTUsave	comissioning LDC Innovation Fund Pilot Program aver LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Cor Toronto Hydro-Electric System Limite Cor	ommercial & Institutional	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
DC Business Small &	& Medium Business Energy Management System LDC Innovation Fund Pilot Pr Powered Attic Ventilation LDC Innovation Fund Pilot Program			EE	2015 2017 Results Persistence 2015 2017 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	0
	Powered Attic Ventilation LDC Innovation Fund Pilot Program nto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Pro	gr Toronto Hydro-Electric System Limite Ind	dustrial	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
	Joad Event LDC Innovation Fund Pilot Program	Toronto Hydro-Electric System Limite Res	esidential	EE	2015 2017 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	0
	trial Accelerator Program on Energy Energy Performance Program for Multi-Site Customers	Toronto Hydro-Electric System Limite Res Toronto Hydro-Electric System Limite Oth	esidential ther	EE	2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
DC Business Whole H	e Home Pilot Program				2015 2017 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	0
DC Business Save on DC Business Save on	on Energy Retrofit Program Enabled Savings on Energy High Performance New Construction Program Enabled Savings				2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
OC Business Save on	on Energy Process & Systems Upgrades Program Enabled Savings				2015 2017 Results Persistence 2015 2017 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	0	0
DC Business Non-App DC Business Unassign	signed Program				2015 2017 Results Persistence 2015 2017 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	0	0
OC Business Conserv	ervation Voltage Reduction Conservation Fund Pilot Program				2015 2017 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	0	0
	VOC Conservation Fund Pilot Program Depot Home Appliance Market Uplift Conservation Fund Pilot Program				2015 2017 Results Persistence 2015 2017 Results Persistence					0	0	0	0	0	0 0	0	0 0 0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0
DC Business Loblaw F	w P4P Conservation Fund Pilot Program				2015 2017 Results Persistence 2015 2017 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	0	0
DC Business Perform	io Clean Water Agency P4P Conservation Fund Pilot Program rmance Based Conservation Fund Pilot Program				2015 2017 Parulte Parrietance	Current year ravings				0	0	0	0	0	0 0	0	0 0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0
DC Business Social Be	Benchmarking Conservation Fund Pilot Program				2015 2017 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	0	0
	egic Energy Group Conservation Fund Pilot Program ance Retirement Initiative				2015 2017 Results Persistence 2015 2017 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	0
OC Business Coupon	on Initiative				2015 2017 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	0	0
DC Business Bi-Annus DC Business HVAC In	nual Retailer Event Initiative				2015 2017 Results Persistence 2015 2017 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	0	0
DC Consumer Resident	ential New Construction and Major Renovation Initiative				2015 2017 Results Persistence 2015 2017 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	0	0
DC Consumer Energy A DC Business Efficience					2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings			_	-11,882	-372	1,089,393	1,220,451 1	1,220,451	1,220,451 7,195,989 7,195	5,989 8,4	0 0 0 467,181 6,919,638 1,756,913	868,833	724,972 665,019	9 664,927	596,130 3	83,283 383,2	283 383,2	183 383,28	3 0	0	0	0	0
	ency: Equipment Replacement Incentive Initiative I Install Lighting and Water Heating Initiative				2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings				-2,643,486	-1,744,847	499,899	806,699	806,699	806,699 806,699 806	6,699 81	806,699 806,699 806,699	721,505	-376 -376	6 -376	0	0	0	0	0 0	0	0	0	0
	Construction and Major Renovation Initiative ng Building Commissioning Incentive Initiative				2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
DC Business Process	ss and Systems Upgrades Initiatives - Project Incentive Initiative				2015 2017 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	0	0
	es and Systems Upgrades Initiatives - Energy Manager Initiative es and Systems Upgrades Initiatives - Monitoring and Targeting Initiative				2015 2017 Results Persistence 2015 2017 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	0	0
DC Business Low Inco	ncome Initiative				2015 2017 Results Persistence 2015 2017 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	0	0
DC Business Aborigin DC Business Program	ginal Conservation Program am Enabled Savings				2015 2017 Results Persistence 2015 2017 Results Persistence	Current year savings 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	0	0
DC Business Save on	on Energy Coupon Program				2016 2017 Results Persistence	Current year savings				0	75,337,483	75,337,483	75,337,483 75	5,337,483	75,337,483 75,337,483 75,337	7,483 75,3	327,953 75,327,953 75,064,707	74,308,025	74,272,006 74,272,008	6 73,955,566	65,343,535 65,3	43,535 23,189,6	545	0	0 0	0	0	0	0
DC Business Save on DC Consumer Save on	on Energy Instant Discount Program on Energy Heating & Cooling Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings Current year savings			+	0	9,295,067			9,295,067	9,295,067 9,295,067 9,295	15,067 9,29	295,067 9,295,067 9,295,067		9,295,067 9,295,067	7 9,295,067	9,295,067 9,2	95,067 9,295,0	067 9,295,0	9,102,99	5 0	0	0	0	0
OC Consumer Save on	on Energy New Construction Program on Energy Home Assistance Program				2016 2017 Results Persistence	Current year savings				0	236,600 1,171,023	236,600 1,163,104	236,600	236,600	236,600 236,600 236	6,600 2:	236,600 236,600 236,600 146,498 1,056,578 849,247	233,839 693,168				03,931 27,1		25,93 22 675,72		0	1.615	1.615	1.615 1.61
	on Energy Home Assistance Program on Energy Audit Funding Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings Current year savings				0	801,701	801,701	801,701	801,701	1,155,185 1,154,016 1,148 801,701 801,701 801 160,015,860 159,410,849 159,410	1,701 8	146,498 1,056,578 849,247 801,701 801,701 801,701		0 677,818	0 0	6//,816 6	0 6/5,/	0 6/5,/	0	0 0	1,615	1,615	1,615	1,615 1,61
DC Business Save on	on Energy Retrofit Program on Energy Small Business Lighting Program				2016 2017 Parulty Parrietance	Current year ravings				0	163,767,555	160,027,151 1 55,480	60,027,151 160	0,027,151	160,015,860 159,410,849 159,410	0,849 159,4	410,849 158,912,363 158,912,363 18,535 13,589 9,436	157,389,106 6,368	122,972,278 63,712,758 1.929 1.925		7,711,463 1	33,723 133,7	723 133,7	23 133,72	3 133,723	0	0	0	0
OC Business Save on	on Energy Small Business Lighting Program on Energy High Performance New Construction Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings Current year savings				0							18,535 13,589 9,436 687,762 3,687,762 3,687,762				3,687,762 3,3	05,938 3,091,8	306 3,044,1	60 3,019,67	4 3,019,674	3,019,674	3,019,674	3,019,674	3,019,674 3,019,67
OC Business Save on	on Energy Existing Building Commissioning Program				2016 2017 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	0
OC Business Save on OC Business Save on	on Energy Business Refrigeration Incentive Program on Energy Process & Systems Upgrades Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings Current year savings				0	339,419	339,419	339,419	339,419	339,419	0	0 0 0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0
DC Business Save on	on Energy Energy Manager Program				2016 2017 Results Persistence	Current year savings				0	10,276,913	10,236,928		9,930,987	9,930,987 3,147,359 2,284	14,609 2,21	284,609 2,284,609 2,284,609	1,955,804	1,941,921 836,928	8 836,928	836,928 3	90,653 390,6	390,6	53 390,65	3 390,653	0	0	0	0
	on Energy Monitoring & Targeting Program on Energy Retrofit Program - P4P				2016 2017 Results Persistence 2016 2017 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	0	0
DC Business Save on	on Energy Process & Systems Upgrades Program - P4P tive Thermostat Local Program				2016 2017 Results Persistence 2016 2017 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	0	0
DC Business Business	ess Refrigeration Incentives Local Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings 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	0
DC Business Conserv	ervation on the Coast Home Assistance Local Program				2016 2017 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	0
DC Business First Nat	ervation on the Coast Small Business Lighting Local Program Nations Conservation Local Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings 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	0
DC Consumer High Effi DC Business Instant S	Efficiency Agriculturual Pumping Local Program nt Savings Local Program				2016 2017 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	0	0
OC Consumer OPsaver	ver Local Program				2016 2017 Results Persistence 2016 2017 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	0	0
DC Business Pool Sav DC Consumer PUMPsa	Saver Local Program				2016 2017 Results Persistence	Current year savings				0	834.022	834.022	834 022	834.022	834 022 834 022 834	0 4 022	0 0 0 834,022 834,022 834,022	924 022	834.022 834.022	2 834,022	834,022	0	0	0	0 0	0	0	0	0
OC Consumer RTUsave	aver Local Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings				0	034,022	034,022	0.74,022	0	0 0 0	0	0 0 0	034,022	0 834,022	0 0	034,022	0	0	0	0 0	0	0	0	0
DC Business Social Bo	Benchmarking Local Program surce Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro	or and			2016 2017 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	0	0
	rurce Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro rurce Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Pro				2016 2017 Results Persistence 2016 2017 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	0	0
OC Business Block He	Heater Timer LDC Innovation Fund Pilot Program mercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pi	lab Consessed			2016 2017 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	0	0
	nercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pi ervation Cultivator LDC Innovation Fund Pilot Program	oc rrog ant			2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings 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	0	0
OC Consumer Data Cer	Centre LDC Innovation Fund Pilot Program ronics Take Back LDC Innovation Fund Pilot Program				2016 2017 Results Persistence	Current year savings				0	1,145,480	1,145,480	1 145 490	1,145,480	0 0 1,145,480 947,192 946	6 727	0 0 0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0
DC Consumer Energy F	y Reinvestment LDC Innovation Fund Pilot Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings				0	1,145,480	1,145,480	1,143,460 1	0	0 947,192 948	0 9	0 0 0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0
DC Non-Resident Home Er	Energy Assessment & Retrofit LDC Innovation Fund Pilot Program				2016 2017 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	0
DC Consumer Intellige	/Motel LDC Innovation Fund Pilot Program Igent Air Technology LDC Innovation Fund Pilot Program				2016 2017 Results Persistence 2016 2017 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	0
OC Consumer OPsaver	ver LDC Innovation Fund Pilot Program				2016 2017 Results Persistence	Current year savings				0	2,864,454	2,864,454	2,864,454 2	2,864,454	2,864,454 2,864,454 2,864	4,454 2,8	864,454 2,818,914 2,368,295	1,505,216	1,006,874 660,644	4 0	0	0	0	0	0 0	0	0	0	0
	Psaver LDC Innovation Fund Pilot Program ential Direct Install LDC Innovation Fund Pilot Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings 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	0
DC Business Resident	ential Direct Mail LDC Innovation Fund Pilot Program				2016 2017 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	0	0
DC Business Retrocol	ential Ductless Heat Pump LDC Innovation Fund Pilot Program comissioning LDC Innovation Fund Pilot Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings 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	0	0
DC Business RTUsave	aver LDC Innovation Fund Pilot Program				2016 2017 Results Persistence	Current year savings				0	370,393	370,393	370,393	370,393	370,393 370,393 370	0,393 3	370,393 370,393 370,393	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0
DC Business Solar Po	& Medium Business Energy Management System LDC Innovation Fund Pilot Pr Powered Attic Ventilation LDC Innovation Fund Pilot Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings 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	0	0
OC Business Toronto	nto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Pro	gram			2016 2017 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	0	0
OC Business Truckloa	load Event LDC Innovation Fund Pilot Program trial Accelerator Program				2016 2017 Results Persistence 2016 2017 Results Persistence	Current year savings				0	3,295,945	3,295,945	3,295,945 3	3,295,945	3,295,945 3,295,945 3,295	3,25	295,945 3,295,945 3,295,945	3,295,945	3,295,945 3,295,945	5 2,807,122	2,807,122 9	988,986	0	0	0 0	0	0	0	0
					AVAT NESURS PERSITENCE	Correct year savings																							



Ontario Energy Board

Supporting Documentation: LDC Persistence Savings Results from IESO

Drop Down List (Blue) Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the direction of adjustments that may be available in a prospective year's results report. It will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in crange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value persents (i.e., current year savings for the year or an adjustment to a prior year' inherentation in the future year's results report.

5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Table 7. 2011-2020 Ve	NOTE: The Net Verified Peak Demand Savings table and Net Verifie fied Program Results and Persistence into Future Years	d Energy Savings table below are in the reverse order	r to the accompanying tal	ables in Tab 4 and Tab 5. The tables below match those	provided by the IESO.																								
Step: #1 Portfolio Program		LDC Sector	Conservation (Imp Resource Type) Ye	#2 #4 splementation Identify Source of Report Identify Status of	#1 Net Verified Annual Peak Demand	Savings at the En	d-User Level (kW)																						
			Resource Type) Te	Savings	u u	2	ь	b	b				6	v	v 6	, ,	, ,			b		, ,	8		b	8	b	8	
					2012	313	14	35	16	2018	19	320	2021	ž	2023	2025	2026	27	2028	88	ğ <u>ş</u>	2032	2033	ž	35	386	397	8	36
LDC Business	Save on Energy Energy Performance Program for Multi-Site Customers Whole Wome Pilot Program Save on Energy Retrofit Program Enabled Savings Save on Energy High Performance New Construction Program Enabled Savings			2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Business	Save on Energy Retrofit Program Enabled Savings			2017 Results Persistence Current year savings 2016 2017 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	Save on Energy High Performance New Construction Program Enabled Savings			2016 2017 Results Persistence 2016 2017 Results Persistence 2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings				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
LDC Business LDC Business	Save on Energy Process & Systems Upgrades Program Enabled Savings Non-Approved Program			2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Business	Non-Approved Program Unassigned Program			2016 2017 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	Conservation Voltage Reduction Conservation Fund Pilot Program EnerNOC Conservation Fund Pilot Program			2016 2017 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	0
LDC Business	Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings				0	1	1	1	1 1	1	1	1	1	1	1 1	1	1	1	1	1	1	0	0	0	0	0
LDC Business	Loblaw P4P Conservation Fund Pilot Program			2016 2017 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 LDC Business	Ontario Clean Water Agency P4P Conservation Fund Pilot Program Performance Based Conservation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Business	Ontario Clean Water Agency PAP Conservation Fund Pilot Program Performance Based Conservation Fund Pilot Program Social Benchmarking Conservation Fund Pilot Program			2016 2017 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	Strategic Energy Group Conservation Fund Pilot Program			2016 2017 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	0
LDC Business	Appliance Retirement Initiative Coupon Initiative			2016 2017 Results Persistence Current year savings 2016 2017 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	Bi-Annual Retailer Event Initiative			2016 2017 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 LDC Business	HVAC Incentives Initiative Residential New Construction and Major Renovation Initiative			2016 2017 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	0
LDC Consumer	orvanisma rectains events institute HVAC Incentities Initiative Residential New Construction and Major Renovation Initiative Energy Audit Initiative			2016 2017 Results Persistence Current year savings 2016 2017 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 Consumer	Efficiency: Equipment Replacement Incentive Initiative			2010 2017 Results Persistence Current year savings			$\vdash \vdash \vdash \vdash$	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	Direct Install Lighting and Water Heating Initiative New Construction and Major Renovation Initiative			2016 2017 Results Persistence Current year savings 2016 2017 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
	Existing Building Commissioning Incentive Initiative Process and Systems Upgrades Initiatives - Project Incentive Initiative			2016 2017 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	Process and Systems Upgrades Initiatives - Project Incentive Initiative Process and Systems Upgrades Initiatives - Energy Manager Initiative			2016 2017 Results Persistence Current year savings 2016 2017 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	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative			2016 2017 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	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Low Income Initiative			2016 2017 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 LDC Consumer	Aboriginal Conservation Program Program Enabled Savings			2016 2017 Results Persistence Current year savings 2016 2017 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 Consumer	Save on Energy Coupon Program			2016 2017 Results Persistence Current year savings				0	601	601	601 60	601 601	601	601	601	601	601	601 601	601	601	529	529	176	0	0	0	0	0	0
LDC Consumer	Save on Energy Instant Discount Program			2016 2017 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	0
LDC Business	Save on Energy Heating & Cooling Program Save on Energy New Construction Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings				0	34	0	34 :	0 0	0	34	34	0	0	0 0	94	34	0	0	0	0 1	0	0	0	0	0
LDC Business	Save on Energy Home Assistance Program			2016 2017 Results Persistence Current year savings 2016 2017 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	Save on Energy Audit Funding Program Save on Energy Retrofit Program			2016 2017 Results Persistence Current year savings				0	165 6.410	165 7.077 7	165 1	165 165 131 7.131	165 6 983	165 6.983	165 6 983	165 6 966	165 6.966 6.1	41 0	1983	1983	332	0	21	21 2	0 21	0	0	0	0
LDC Consumer	Save on Energy Small Business Lighting Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings				0	2	2	2	2 2	1	1	1	1	1	1 0	1,303	0	0	0	0	0 0	0	0	0	0	0
LDC Business	Save on Energy High Performance New Construction Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings				0	805	805	805 81	805 805	805	805	805	805	805	805 805	805	805	805	367	122 1	22 12:	122	122	122	122	122
LDC Consumer LDC Business	Save on Energy Existing Building Commissioning Program Save on Energy Business Refrigeration Incentive Program			2016 2017 Results Persistence Current year savings				0	83	83	83	83 83	0	0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0	0
LDC Consumer	Save on Energy Process & Systems Upgrades Program			2016 2017 Results Persistence Current year savings 2016 2017 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 Consumer	Save on Energy Energy Manager Program			2016 2017 Results Persistence Current year savings				0	549	512	512 4	490 490	312	312	312	312	312	241 241	238	59	59	0	0	0	0	0	0	0	0
LDC Business LDC Business	Save on Energy Monitoring & Targeting Program Save on Energy Retrofit Program - P4P			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings				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
LDC Business	Save on Energy Retrofit Program - P4P Save on Energy Process & Systems Upgrades Program - P4P Adaptive Thermostat Local Program Business Refrigeration Incentives Local Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 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	Adaptive Thermostat Local Program Business Refrigeration Incentives Local Program			2016 2017 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	0
LDC Business	Conservation on the Coast Home Assistance Local Program			2017 Results Persistence Current year savings 2016 2017 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	Conservation on the Coast Home Assistance Local Program Conservation on the Coast Small Business Lighting Local Program			2016 2017 Results Persistence Current year savings				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
	First Nations Conservation Local Program High Efficiency Agriculturual Pumping Local Program			2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Residential	Instant Savings Local Program			2016 2017 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
	OPsaver Local Program Pool Saver Local Program			2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Residential	PUMPsaver Local Program			2016 2017 Results Persistence Current year savings				0	14	14	14	14 14	14	14	14	14	14	14 14	14	14	14	0	0	0 (0	0	0	0	0
LDC Residential	RTUsaver Local Program			2016 2017 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 Residential	Social Benchmarking Local Program Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Pro	gram		2016 2017 Results Persistence Current year savings 2016 2017 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 Residential	Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Pro	gram		2016 2017 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
	Block Heater Timer LDC Innovation Fund Pilot Program Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot	ot Program		2016 2017 Results Persistence Current year savings 2016 2017 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 Residential	Conservation Cultivator LDC Innovation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 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 Residential	Data Centre LDC Innovation Fund Pilot Program Flortronics Take Back LDC Innovation Fund Pilot Program			2016 2017 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 Residential	Electronics Take Back LDC Innovation Fund Pilot Program Energy Reinvestment LDC Innovation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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 Residential	Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program			2016 2017 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 Residential	Hotel/Motel LDC Innovation Fund Pilot Program Intelligent Air Technology LDC Innovation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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 Residential	OPSaver LDC Innovation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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 Residential	PUMPsaver LDC Innovation Fund Pilot Program Partidential Direct Install LDC Innovation Fund Pilot Program			2016 2017 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 Non-Reside	PUMPsaver LDC Innovation Fund Pilot Program Residential Direct Install LDC Innovation Fund Pilot Program Residential Direct Mail LDC Innovation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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	Residential Ductless Heat Pump LDC Innovation Fund Pilot Program Retrocomissioning LDC Innovation Fund Pilot Program			2016 2017 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	0
	Retrocomissioning LDC Innovation Fund Pilot Program RTUsaver LDC Innovation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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	Small & Medium Business Energy Management System LDC Innovation Fund Pilot Pro	ogram		2016 2017 Results Persistence Current year savings Current year savings 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 Consumer	Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program Toronto Multo — Enhance Init Low-Income Program LDC Innovation Fund Pilot Program	zram		2016 2017 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 Consumer	Truckload Event LDC Innovation Fund Pilot Program	, a.,						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	Truckload Event LDC Innovation Fund Pilot Program Industrial Accelerator Program Save on Energy Energy Performance Program for Multi-Site Customers			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Business	Save on Energy Energy Performance Program for Multi-Site Customers Whole Home Pilot Program			2016 2017 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	0
LDC Business	Save on Energy Retrofit Program Enabled Savings			2016 2017 Results Persistence Current year savings 2016 2017 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	Save on siengy in energy encommance ringsam for skultu-size Lustomers Whole Home Pilot Program Save on Energy Retroft Program Save on Energy Retroft Program Enabled Savings Save on Energy Retroft Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Save on Energy Process & Systems Upgrades Program Enabled Savings Non-document Program			2016 2017 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	Save on Energy Process & Systems Upgrades Program Enabled Savings Non-Approved Program			2016 2017 Results Persistence Current year savings 2016 2017 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
				2016 2017 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	Unassigned Program Conservation Voltage Reduction Conservation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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	0
LDC Business	Home Denot Home Appliance Market Unlift Concentation Fund Blot Program			2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence				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	Loblaw P4P Conservation Fund Pilot Program			2016 2017 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	Ontario Clean Water Agency P4P Conservation Fund Pilot Program Performance Based Conservation Fund Pilot Program Social Benchmarking Conservation Fund Pilot Program							0	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	Social Benchmarking Conservation Fund Pilot Program			2016 2017 Results Persistence Current year savings 2016 2017 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	Strategic Energy Group Conservation Fund Pilot Program			2016 2017 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	Strategic Energy Group Conservation Fund Pilot Program Appliance Retirement initiative Coupon Initiative			2016 2017 Results Persistence Current year savings 2016 2017 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
DUJINESS				2017 Results Persistence Current year savings				~		,	_	-	, and the second	v				-		,			_			0		- V	- V



Drop Down List (Blue) Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and thy
2. Please identify the source of the report via the dropdown list in Column I.
3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fills
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental
5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

able 7. 2011-2020 Verified Program Results and Persistence into Future Years																								
ep: #1 ortfolio Program Initiative	LDC Sector	Conservation (Implementation Identify Resource Type) Year	y Source of Report Identify Status of Savings	of Net Verified Annual Energy S	avings at the End-User	Level (kWh)																		-
		,,,,,																						
				2012	2013	2014	2016	2017	2018	2019	2022	2023	2025	2026	2028	2029	2031	2032	2033	2035	2036	2037	2038	23 24
DC Business Save on Energy Energy Performance Program for Multi-Site Customers DC Business Whole Home Pilot Program		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Save on Energy Retrofit Program Enabled Savings		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi				0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Save on Energy High Performance New Construction Program Enabled Savin DC Business Save on Energy Process & Systems Upgrades Program Enabled Savings	85	2016 2017 80	rulte Persistence Current year ravi	nor.		-	0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Non-Approved Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Unassigned Program DC Business Conservation Voltage Reduction Conservation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business EnerNOC Conservation Fund Pilot Program		2016 2017 Re:	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra DC Business Loblaw P4P Conservation Fund Pilot Program	n	2016 2017 Re	sults Persistence Current year savi	162			0 9,	426 9,42	9,426	9,426	9,426 9,426 9	1,426 9,426	9,426 9,426	9,426	9,426 9,42	9,426	6,273 6	,273 6,273	6,273	0	0 0	0 0	0	0
OC Business Ontario Clean Water Apency PAP Conservation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi sults Persistence Current year savi				0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Performance Based Conservation Fund Pilot Program DC Business Social Benchmarking Conservation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Strategic Energy Group Conservation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi				0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Appliance Retirement Initiative DC Business Coupon Initiative		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Bi-Annual Retailer Event Initiative		2016 2017 Re:	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business HVAC Incentives Initiative DC Business Residential New Construction and Major Renovation Initiative		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Consumer Energy Audit Initiative		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi				0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Consumer Efficiency: Equipment Replacement Incentive Initiative DC Business Direct Install Lighting and Water Heating Initiative		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business New Construction and Major Renovation Initiative		2016 2017 Re:	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0
DC Business Existing Building Commissioning Incentive Initiative DC Business Process and Systems Upgrades Initiatives - Project Incentive Initiative		2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Process and Systems Upgrades Initiatives - Energy Manager Initiative		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	a	0 0	0	0	0	0 0	0	0
DC Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiat DC Business Low Income Initiative	ve .	2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Aboriginal Conservation Program		2016 2017 80	rultr Perrintance Current year ravi	ner .			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Consumer Program Enabled Savings DC Consumer Save on Energy Coupon Program		2016 2017 Re	sults Persistence Current year savi	162			0 9,394,	186 9 294 16	0 0	9 294 194	9,394,186 9,394,186 9,394	0 0 202 511	0 0 0	0 0 202 403	9,398,970 9,398,97	0 9,380,269	8,242,904 8,242	.904 2.808.546	0	0	0 0	0 0	0	0
DC Consumer Save on Energy Instant Discount Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi current year savi	162			0	0	0 0	0	0 0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Save on Energy Heating & Cooling Program DC Business Save on Energy New Construction Program		2016 2017 Re:	sults Persistence Current year savi sults Persistence Current year savi	ngs			0 113,	369 113,36	9 113,369	113,369	113,369 113,369 113	1,369 113,369	59 113,369 113,369	9 113,369	113,369 113,36	9 113,369	113,369 113	,369 113,369	113,369	110,984	0 0	0 0	0	0
DC Business Save on Energy Home Assistance Program		2016 2017 Re:	sults Persistence Current year savi	165			0	208 20	18 208	208	208 208	208 208	08 208 208	8 208	208 20	8 208	208	208 208	208	208	208	0 0	0	0
DC Business Save on Energy Audit Funding Program DC Business Save on Energy Retrofit Program		2016 2017 Re	sults Persistence Current year savi	162			0 1,261,	693 1,261,69 546 52,476.95	1,261,693	1,261,693	1,261,693 1,261,693 1,261 53,725,573 52,748,378 52,748	,693 1,261,693	33 1,261,693 1,261,693 79 52 501 992 52 501 992	3 311,497	41 424 871 21 462 55	2 21 462 552	2 669 087 11	0 0	11 500	11 508 11	0 0	0 0	0	0
DC Consumer Save on Energy Small Business Lighting Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	162			0 13,	679 13,67	9 13,378	11,805	10,588 5,467 5, 5,240,784 5,240,784 5,240	i,463 4,332	32 3,053 2,425	5 1,855	1,001 1,00	1 0	0	0 0	11,508	0	0 0	0 0	0	0
DC Business Save on Energy High Performance New Construction Program DC Consumer Save on Energy Existing Building Commissioning Program		2016 2017 Re	sults Persistence Current year savi	162					5,240,784 5,730,126			1,784 5,240,784	34 5,240,784 5,240,784	5,240,784	5,240,784 5,240,78	5,240,784	5,240,784 4,230	,332 3,663,658	271,544	271,544 271,	271,54	4 271,544	271,544	271,544 271,544
DC Business Save on Energy Business Refrigeration Incentive Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	162			0 750,	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Consumer Save on Energy Process & Systems Upgrades Program DC Consumer Save on Energy Energy Manager Program		2016 2017 Re:	sults Persistence Current year savi	162			0 18,491,				18,491,408 18,491,408 18,491 4,883,050 3,268,076 3,268						18,491,408 18,491 424,291	,408 18,491,408	18,491,408	18,491,408 18,491,	108	0 0	0	0
DC Business Save on Energy Monitoring & Targeting Program		2016 2017 Re:	sults Persistence Current year savi sults Persistence Current year savi	165			0 3,236,	0 3,076,21	0 0	4,683,030	0 0	0 3,268,076	0 0 0	0 3,012,300	3,012,300 2,071,82	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Save on Energy Retrofit Program - P4P DC Business Save on Energy Process & Systems Upgrades Program - P4P		2016 2017 Re	sults Persistence Current year savi	Als .			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Adaptive Thermostat Local Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Business Refrigeration Incentives Local Program DC Business Conservation on the Coast Home Assistance Local Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Conservation on the Coast Small Business Lighting Local Program Conservation on the Coast Small Business Lighting Local Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential First Nations Conservation Local Program DC Residential High Efficiency Agriculturual Pumping Local Program		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Instant Savings Local Program DC Residential Instant Savings Local Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential OPsaver Local Program DC Residential Pool Saver Local Program		2016 2017 Pm	rulte Persistance Current year savi	ner .			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential PUMPsaver Local Program DC Residential PUMPsaver Local Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi	195			0 154,	237 154,23	154,237	154,237	154,237 154,237 154	,237 154,237	37 154,237 154,237	7 154,237	154,237 154,23	7 154,237	154,237	0 0	0	0	0 0	0 0	0	0
DC Residential RTUsaver Local Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Social Benchmarking Local Program DC Residential Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund	Pilot Program	2016 2017 Re 2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	ngs ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund	Pilot Program	2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Block Heater Timer LDC Innovation Fund Pilot Program DC Residential Commercial Energy Management and Load Control (CEMLC) LDC Innovation	Fund Pilot Program	2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Conservation Cultivator LDC Innovation Fund Pilot Program DC Residential Data Centre LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	ultz.			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0
DC Residential Electronics Take Back LDC Innovation Fund Pilot Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi	162 162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Energy Reinvestment LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0	0 0	0	0
DC Residential Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program DC Residential Hotel/Motel LDC Innovation Fund Pilot Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi cults Persistence Current year savi				0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Intelligent Air Technology LDC Innovation Fund Pilot Program DC Residential OPsaver LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential PUMPsaver LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Residential Residential Direct Install LDC Innovation Fund Pilot Program DC Non-Resident Residential Direct Mail LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	185			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Residential Ductless Heat Pump LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Retrocomissioning LDC Innovation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0	0 0	0	0
DC Business RTUsaver LDC Innovation Fund Pilot Program DC Business Small & Medium Business Energy Management System LDC Innovation Fun	Pilot Program	2016 2017 Re	sults Persistence Current year savi cults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
OC Consumer Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	Niet Deve	2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Consumer Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund DC Consumer Truckload Event LDC Innovation Fund Pilot Program	not riog an	2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Industrial Accelerator Program DC Business Save on Energy Energy Performance Program for Multi-Site Customers		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Whole Home Pilot Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Save on Energy Retrofit Program Enabled Savings		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 (0 0	0	0
DC Business Save on Energy High Performance New Construction Program Enabled Savin DC Business Save on Energy Process & Systems Upgrades Program Enabled Savings	82	2016 2017 Re:	sults Persistence Current year savi	165			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Non-Approved Program		2016 2017 Re	sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Unassigned Program DC Business Conservation Voltage Reduction Conservation Fund Pilot Program		2016 2017 Re 2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business EnerNOC Conservation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 (0 0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Home Depot Home Appliance Market Uplift Conservation Fund Pilot Progra DC Business Loblaw P4P Conservation Fund Pilot Program	n	2016 2017 Re	sults Persistence Current year savi sults Persistence Current year savi	ngs			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Ontario Clean Water Agency P4P Conservation Fund Pilot Program		2016 2017 Re	sults Persistence Current year savi	162			0	0	0 0	0	0 0	0 0	0 0 0	0	0	0 0	0	0 0	0	0	0	0 0	0	0
DC Business Performance Based Conservation Fund Pilot Program DC Business Social Benchmarking Conservation Fund Pilot Program		2016 2017 Re:	sults Persistence Current year savi	165			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0	0
DC Business Strategic Energy Group Conservation Fund Pilot Program		2017 Re 2016 2017 Re	sults Persistence Current year savi	45			0	0	0 0	0	0 0	0 0	0 0 0	0 0	0	0 0	a	0 0	0	0	0	0 0	0	0
DC Business Appliance Retirement Initiative DC Business Coupon Initiative		2016 2017 Re	sults Persistence Current year savi	J62			0	0	0 0	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 intrative		2016 2017 Re	sults Persistence Current year savi	ngs			· ·	ÿ	0	0	U U	,	0	0	U	- 0	J	J 0	U	0	-	U	U	0



Ontario Energy Board

Supporting Documentation: LDC Persistence Savings Results from IESO

Drop Down List (Blue) Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the dropdown list in Column I.

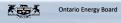
3. To facilities the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value represents (i.e., current vear savings for the year or an adjustment to a prior year' with different to a prior year' with different vear's results report.

5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Table 7. 2011-2020 Verified Program Results and Persistence into Future Years	
Step: #1 Portfolio Program Initiative LDC Sector	### ### ##############################
LDC Business Bi-Annual Retailer Event Initiative LDC Business HVAC Incentives Initiative	204 243 Reside Persistance Current year sovings Control year year year year year year year year
LDC Business Residential New Construction and Major Renovation Initiative	2016 2017 Results Persistence Current year springs Current year year year year year year year year
LDC Business Energy Audit initiative LDC Business Efficiency: Equipment Replacement Incentive Initiative	2016 2017 Results Persistence
LDC Business Direct Install Lighting and Water Heating Initiative	2016 2017 Results Persistence Current year savings
LDC Business New Construction and Major Renovation Initiative	2016 2017 Results Persistance Current year savings
LDC Business Existing Building Commissioning Incentive Initiative LDC Business Process and Systems Upgrades Initiatives - Project Incentive Initiative	2015 2017 Results Presistance Cornel year seriogs Cornel year year year year year year year year
LDC Business Process and Systems Upgrades Initiatives - Energy Manager Initiative	2016 2017 Results Persistence Current year savings C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LDC Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative LDC Business Low Income Initiative	2015 2017 Results Previolations — Current year resulting. — — — — — — — — — — — — — — — — — — —
LDC Consumer Aboriginal Conservation Program LDC Consumer Program Enabled Savings	2016 2017 Results Persistence Current year savings Current year year year year year year year year
LDC Business Save on Energy Coupon Program	2015 2017 Secular Persistance
LDC Business Save on Energy Instant Discount Program LDC Business Save on Energy Heating & Cooling Program	2011 2017 Results Persistence Current year savings 0 0 4.728 3.653
LDC Business Save on Energy New Construction Program	2017 2017 Sesults Persistance Current year surings 0 73 73 73 73 73 73 73 73 73 73 73 73 73
LDC Business Save on Energy Home Assistance Program LDC Business Save on Energy Audit Funding Program	2017 2017 Results Persistence Current year savings 0 165
DC Business Save on Energy Retrofit Program DC Business Save on Energy Small Business Lighting Program	2021 STEAM PERSON PERSON DESCRIPTION DE CONTROL COURT (NE PERSON PERSON DE COURT DE
	2017 2017 Results Persistence Current year savings 1,159 1,159 1,140 1,135 1,052 905 781 562 430 291 173 99 61 46 27 26 25 23 13 13 2
LDC Consumer Save on Energy High Performance New Construction Program LDC Consumer Save on Energy Existing Building Commissioning Program	207 207 Results frestrictions Conference of the Conference of th
LDC Consumer Business Refrigeration Local Program LDC Business Save on Energy Process & Systems Upgrades Program	2017 2017 Results Persistence Current year savings 0 0 478 478 478 410 351 351 351 351 351 351 351 351 351 351
LDC Business Save on Energy Energy Manager Program	2017 2017 Resides Persistence Current year savings
LDC Business Save on Energy Monitoring & Targeting Program LDC Business Save on Energy Retrofit Program - P4P	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 0
LDC Business Save on Energy Process & Systems Upgrades Program - P4P	2017 2017 Results Persistence Current year savings Current y
LDC Business Adaptive Thermostat Local Program	2017 2017 Results Persistence Current year savings
LDC Business Business Refrigeration Local Program LDC Business Conservation on the Coast Home Assistance Local Program	2017 2017 Results Persistence Current year savings Current y
LDC Consumer Conservation on the Coast Small Business Lighting Local Program	2017 2017 Results Persistence Current year savings
LDC Business First Nations Conservation Local Program LDC Consumer High Efficiency Agriculturusi Pumping Local Program	2017 2017 Results Persistence Current year springs Current year year year year year year year year
LDC Consumer Instant Savings Local Program LDC Consumer OPsaver Local Program	2017 2017 Results Persistence Current year savings
LDC Business Pool Saver Local Program	2017 2017 Results Persistence Current year savings
LDC Business PUMPsaver Local Program	2017 2017 Results Persistence Current year savings 0 0 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 2,001 0 0 0 0 0
LDC Residential RTUsaver Local Program LDC Residential Social Benchmarking Local Program	2012 (2017 Residual Revisionistics Conference on Conferenc
LDC Residential Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LDC Residential Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program LDC Residential Block Heater Timer LDC Innovation Fund Pilot Program	2017 Journal Revisions Conference
LDC Residential Commercial Energy Management and Load Control (CEMLC) LDC Innovation Fund Pilot Program	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 Residential Conservation Cultivator LDC Innovation Fund Pilot Program LDC Residential Data Centre LDC Innovation Fund Pilot Program	2021 2021 Regular Sentations: Control year residue; Control year regular year year regular year regular year year regular
LDC Residential Electronics Take Back LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings Control of Cont
LDC Residential Energy Reinvestment LDC Innovation Fund Pilot Program LDC Residential Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	2012 (2017 Residual Presistance)
LDC Residential Hotel/Motel LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LDC Residential Intelligent Air Technology LDC Innovation Fund Pilot Program LDC Residential OPsaver LDC Innovation Fund Pilot Program	2012 2017 Results Presistance Corner year serings
LDC Residential PUMPsaver LDC Innovation Fund Pilot Program	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 0
LDC Residential Residential Direct Install LDC Innovation Fund Pilot Program LDC Residential Residential Direct Mail LDC Innovation Fund Pilot Program	2012 2017 Resides Presistations
LDC Residential Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings
LDC Residential Retrocomissioning LDC Innovation Fund Pilot Program LDC Residential RTUsaver LDC Innovation Fund Pilot Program	2007 2007 Security Revisioning
LDC Residential Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program LDC Residential Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	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 0
LDC Residential Solar Powered Attic Ventiation LDC Innovation Fund Pilot Program LDC Business Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings
LDC Consumer Truckload Event LDC Innovation Fund Pilot Program LDC Consumer Industrial Accelerator Program	2017 2017 Results Persistance Current year savings
LDC Consumer Industrial Accelerator Program LDC Consumer Save on Energy Energy Performance Program for Multi-Site Customers	2017 2017 Results Persistence Current year savings Current y
LDC Business Whole Home Pilot Program	2017 2017 Results Persistence Current year savings (Current year s
LDC Business Save on Energy Retrofit Program Enabled Savings LDC Business Save on Energy High Performance New Construction Program Enabled Savings	2017 2017 Results Persistence Current year savings
LDC Business Save on Energy Process & Systems Upgrades Program Enabled Savings LDC Business Non-Approximate Program	2017 2017 Results Persistence
LDC Business Non-Approved Program LDC Business Unassigned Program	2017 2017 Results Persistence Current year savings
LDC Business Conservation Voltage Reduction Conservation Fund Pilot Program LDC Business EnerNOC Conservation Fund Pilot Program	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 0
LDC Business Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program	2017 2017 Results Persistence 2017 2017 Results Persistence 2018 Result
LDC Business Loblaw P4P Conservation Fund Pilot Program	2017 2017 Results Persistence Current year savings
LDC Business Ontario Clean Water Agency P4P Conservation Fund Pilot Program LDC Business Performance Based Conservation Fund Pilot Program	2012 2017 Session Presidence Cornel year servings
LDC Business Social Benchmarking Conservation Fund Pilot Program	2017 2017 Results Persistence Current year savings Current year year year year year year year year
LDC Business Strategic Energy Group Conservation Fund Pilot Program LDC Business Appliance Retirement Initiative	2012 2017 Results in Persistance Conference
DC Business Coupon Initiative LDC Business Bi-Annual Retailer Event Initiative	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 Business Bi-Annual Retailer Event initiative LDC Business HVAC Incentives Initiative	2012 2017 Resides Presistances Connect year residues Connect year
LDC Business Residential New Construction and Major Renovation Initiative	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 0
LDC Business Energy Audit initiative LDC Business Efficiency: Equipment Replacement Incentive Initiative	2012 (2017 Residual Presistance)
LDC Business Efficiency: Equipment Replacement Incentive Initiative LDC Business Orect Instal Lighting and Water Heating Initiative	2017 2017 Results Persistence Current year savings C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LDC Business New Construction and Major Renovation Initiative LDC Business Existing Building Commissioning Incentive Initiative	2012 2017 Secular Servications Connect year servings
LDC Business Process and Systems Upgrades Initiatives - Project Incentive Initiative	2017 2017 Results Persistence Current year savings C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LDC Business Process and Systems Upgrades Initiatives - Energy Manager Initiative LDC Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	2012 2017 Results Presistance Conference Con
LDC Business Low Income Initiative	2007 2007 Results Persistence Current year savings 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
LDC Business Aboriginal Conservation Program LDC Business Program Enabled Savings	2017 2017 Results Persistence Current year savings
LDC Consumer Save on Energy Instant Discount Program	2015 Adjustment
LDC Consumer Save on Energy Heating & Cooling Program LDC Consumer Save on Energy New Construction Program	2018
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Drop Down List (Blue) Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initialive in Columns B to H and thy
2. Please identify the source of the report via the dropdown list in Column I.
3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fill in
4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental for properties of the properties of the applicable savings and adjustments (Columns I. to ET) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

### 2011-2020 Verified Program Results and Persistence into Future Years #### Program Initiative LDC Sector	Conservation Resource Type Year Minplementation Resource Type Year Year Report Report Resource Type Year	ergy Savings at the End-Use	er Level (kWh)																				
	Resource Type Year Savings																N	N	N	N .			
	8011	2013	014	016	017	018	90 20	922	23	9025	90.26	928	029	98	931	922	933	94	935	96	037	239	8
Business Bi-Annual Retailer Event initiative Business HVAC incentives initiative	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings Current year savings	-	4	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Business Residential New Construction and Major Renovation Initiative	2017 Results Persistence Current year savings 2016 2017 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	0
Business Energy Audit Initiative	2016 2017 Results Persistence 2016 2017 Results Persistence Current year savings 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
Business Efficiency: Equipment Replacement Incentive Initiative Business Direct Install Lighting and Water Heating Initiative	2016 2017 Results Persistence 2016 2017 Results Persistence Current year savings Current year savings	-	4	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Business New Construction and Major Renovation Initiative	2016 2017 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	0
Business Existing Building Commissioning Incentive Initiative	2016 2017 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
Business Process and Systems Upgrades Initiatives - Project Incentive Initiative Business Process and Systems Upgrades Initiatives - Energy Manager Initiative	2016 2017 Results Persistence Current year savings 2016 2017 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	0
Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	2016 2017 Results Persistence Current year savings 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	0
Business Low Income Initiative	2016 2017 Results Persistence Current year savings 2016 2017 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	0
Consumer Aboriginal Conservation Program Consumer Program Enabled Savings	2016 2017 Results Persistence Current year savings 2016 2017 Results Persistence Current year savings 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	0
Business Save on Energy Coupon Program	2017 Results Persistence Current year savings			0	85,853,313	69,054,570 69,054,53	69,054,570	69,054,570 69,054,5	70 69,054,570	69,053,922 69,053,9	68,897,194	67,566,184 67,556,0	97 67,556,097	67,550,957	58,006,255	58,006,255	6,078,799	0	0	0	0	0	0
Business Save on Energy Instant Discount Program	2017 2017 Results Persistence Current year savings			0	68,945,047	49,929,208 49,929,20	108 49,929,208	49,929,208 49,929,2 7,328,090 7,328,0	08 49,929,208	49,928,242 49,928,2	49,928,242	49,019,244 48,933,8 7.328,090 7.328,0	00 48,933,800 90 7.328.090		41,317,997 7.328.090	32,002,660 7.328.090	25,364,421 7,328,090	7.328.090	7.042.229	0	0	0	0
Business Save on Energy Heating & Cooling Program Business Save on Energy New Construction Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings	-		- 0	0 7,328,090	7,328,090 7,328,09	7,328,090	7,328,090 7,328,0	76 236.476	7,328,090 7,328,0 236,476 236,4	7,328,090	7,328,090 7,328,0	90 7,328,090	7,328,090	7,328,090	178,415	7,328,090	7,328,090	76,073	76.073	76.041	76.041 7	76.041
Business Save on Energy Home Assistance Program	2017 2017 Results Persistence Current year savings			0				236,476 236,4 773,687 773,6			87 773,199	565,516 563,6	54 552,906	552,906	527,589	526,117	526,117	526,117	526,117	526,117	27,924	27,924 2	27,924
Business Save on Energy Audit Funding Program	2017 2017 Results Persistence Current year savings 2017 Results Persistence Current year savings Current year savings			0	9,604,049	9,604,049 9,604,04	9,604,049	9,604,049 9,604,0	49 9,604,049	9,604,049 9,604,0	8,294,829	0	0 0	0	0	0	0	0	0	0	0	0	0
Business Save on Energy Retrofit Program Business Save on Energy Small Business Lighting Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings Current year savings	-		0	146,418,548	146,934,275 146,934,23 5 306 383 5 103 43	175 146,934,275	146,934,275 138,991,0 4,473,704 3,596,3	55 138,991,065 15 2 967 259	138,991,065 138,343,4	71 980 161	133,547,209 129,667,9 610,750 368,6		37,721,103 179,366	5,657,077 101,580	2,265,929 97,310	2,265,929 93,617	2,265,929 85,889	2,265,929 50,580	2,265,929 49.552	9 394	844	844
Consumer Save on Energy High Performance New Construction Program	2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings			0	2,610,141	2,610,141 2,610,14	41 2 610 141	2 610 141 2 610 1	41 2,610,141	2,610,141 2,610,1	41 2,610,141	2,610,141 2,610,1			2,610,141	2,230,761					2,017,999 2,1	17,999 2,01	017,999 2,0:
Consumer Save on Energy Existing Building Commissioning Program	2017 2017 Results Persistence Current year savings			0	788,072	788,072 788,07 3,480,662 3,480,66		788,072	0 0 68 2,718,568	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Consumer Business Refrigeration Local Program Business Save on Energy Process & Systems Upgrades Program	2017 2017 Results Persistence Current year savings			0	3,480,662 2,544,428	3,480,662 3,480,66 2,544,428 2,544,42		2,774,799 2,718,5 2,544,428 2,544,4		2,718,568 2,718,5 2,544,428 2,544,4		2,718,568 2,718,5 678,797 678,7	68 2,718,568 97 678,797	2,718,568 678,797	2,718,568 678,797	678,797	678,797	678,797	678.797	678.797	0	0	0
Business Save on Energy Energy Manager Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 2017 2017 Current year savings			0		5,723,635 5,488,56		4,700,813 3,722,5				1,887,785 1,607,1	65 1,364,722	251,921	251,921	80,365	80,365	80,365	80,365	80,365	0	0	0
Business Save on Energy Monitoring & Targeting Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Business Save on Energy Retrofit Program - P4P Business Save on Energy Process & Systems Upgrades Program - P4P	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	0	0	0	0	0	0
Business Adaptive Thermostat Local Program	2017 2017 Results Persistence 2017 2017 Results Persistence 2017 Current year savings Current year savings 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	0
Business Business Refrigeration Local Program	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	0	0	0	0	0	0	0
Business Conservation on the Coast Home Assistance Local Program Consumer Conservation on the Coast Small Business Lighting Local Program	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	0	0	0	0	0	0
Consumer Conservation on the Coast Small Business Lighting Local Program Business First Nations Conservation Local Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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
Consumer High Efficiency Agriculturual Pumping Local Program	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	0	0	0	0	0	0	0
Consumer Instant Savings Local Program Consumer OPsaver Local Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings	-	4	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Business Pool Saver Local Program	2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings Current year savings	-	_	0	0 1,401,850	1,401,850 1,401,8	150 1,401,850	1,401,850 1,401,8	50 1,401,850	1,401,850 1,401,8	150 1,401,850	0	0 0	0	0	0	0	0	0	0	0	0	0
Business PUMPsaver Local Program	2017 Results Persistence Current year savings			0	15,568,700	15,568,700 15,568,70	15,568,700	15,568,700 15,568,7	00 15,568,700	15,568,700 15,568,7	15,568,700	15,568,700 15,568,7	00 15,568,700	15,568,700	15,568,700	0	0	0	0	0	0	0	0
Residential RTUsaver Local Program Residential Social Benchmarking Local Program	2017 Results Persistence Current year savings	-	4	0	0 10.476.472	10,476,472 10,476,43	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Residential Air Source Heat Pump – For Residential Space Heating LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings		4	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Residential Air Source Heat Pump – For Residential Water Heating LDC Innovation Fund Pilot Program	2017 Results Persistence Current year savings 2017 Results Persistence Current year savings 2017 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	0
Residential Block Heater Timer LDC Innovation Fund Pilot Program Residential Commercial Energy Management and Load Control (CENLC) LDC Innovation Fund Pilot Program	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	0	0	0	0	0	0	0
Residential Conservation Cultivator LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Residential Data Centre LDC Innovation Fund Pilot Program	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	0	0	0	0	0	0	0
Residential Electronics Take Back LDC Innovation Fund Pilot Program Residential Energy Reinvestment LDC Innovation Fund Pilot Program	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	0	0	0	0	0	0	0
Residential Home Energy Assessment & Retrofit LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Residential Hotel/Motel LDC Innovation Fund Pilot Program	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	0	0	0	0	0	0	0
Residential intelligent Air Technology LDC Innovation Fund Pilot Program Residential OPsaver LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings 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	0	0	0	0	0	0	0
Residential PUMPsaver LDC Innovation Fund Pilot Program	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	0	0	0	0	0	0	0
Residential Residential Direct Install LDC Innovation Fund Pilot Program Residential Residential Direct Mail LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings	-	4	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
Residential Residential Ductless Heat Pump LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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
Residential Retrocomissioning LDC Innovation Fund Pilot Program	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	0	0	0	0	0	0	0
Residential RTUsaver LDC Innovation Fund Pilot Program Residential Small & Medium Business Energy Management System LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings	-	4	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Residential Solar Powered Attic Ventilation LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Business Toronto Hydro – Enbridge Joint Low-Income Program LDC Innovation Fund Pilot Program	2017 2017 Results Persistence Current year savings			0	373,136	373,136 373,1	36 373,136	373,136 373,1	36 373,136	373,136 373,1	36 372,824	272,124 271,6	91 261,197	261,197	247,497	246,485	246,485	246,485	246,485	246,485	0	0	0
Consumer Truckload Event LDC Innovation Fund Pilot Program Consumer Industrial Accelerator Program	2017 2017 Results Persistence 2017 2017 Results Persistence 2017 Current year savings Current year savings 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	0
Consumer Save on Energy Energy Performance Program for Multi-Site Customers	2017 Results Persistence Current year savings 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings			0				1,724,912 1,272,6		479,263 338,6		0	0 0	0	0	0	0	0	0	0	0	0	0
Business Whole Home Pilot Program	2017 Results Persistence Current year savings			0	0 1,131,518	1,131,518 1,131,5	1,131,518	1,128,806 1,119,8	67 1,119,867	1,119,867 1,119,8	1,119,867	1,119,867 1,119,8	30 1,119,830	1,119,830	1,119,830	1,116,667	1,116,667	1,115,562	1,100,183	125,311	0	0	0
Business Save on Energy Retrofit Program Enabled Savings Business Save on Energy High Performance New Construction Program Enabled Savings	2017 2017 Results Persistence Current year savings 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	0	0	0	0	0	0	0
Business Save on Energy Process & Systems Upgrades Program Enabled Savings	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0	0	0	0	0	0	0
Business Non-Approved Program	2017 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	0
Business Unassigned Program Business Conservation Voltage Reduction Conservation Fund Pilot Program	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Business EnerNOC Conservation Fund Pilot Program	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	0	0	0	0	0	0	0
Business Home Depot Home Appliance Market Uplift Conservation Fund Pilot Program Business Lobiaw P4P Conservation Fund Pilot Program	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	0	0	0	0	0	0	0
Business Ontario Clean Water Agency P4P Conservation Fund Pilot Program	2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Business Performance Based Conservation Fund Pilot Program	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	0	0	0	0	0	0	0
Business Social Benchmarking Conservation Fund Pilot Program Business Strategic Energy Group Conservation Fund Pilot Program	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	0	0	0	0	0	0	0
Business Strategic Energy Group Conservation Fund Priot Program Business Appliance Retirement Initiative	2017 2017 Results Persistence 2017 2017 Results Persistence 2017 Current year savings Current year savings 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	0
Business Coupon Initiative	2017 2017 Results Persistence Current year savings 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	0	0	0	0	0	0	0
Business Bi-Annual Retailer Event Initiative Business HVAC Incentives Initiative	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	0	0	0	0	0	0
Business HVAC Incentives Initiative Business Residential New Construction and Major Renovation Initiative	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Business Energy Audit Initiative	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	0	0	0	0	0	0	0
Business Efficiency: Equipment Replacement Incentive Initiative Business Direct Install Lighting and Water Heating Initiative	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	0	0	0	0	0	0	0
DUSHIESS DIRECT INSTAIL LIGHTING AND WATER HEATING INITIATIVE	2017 2017 Results Persistence Current year savings 2017 2017 Results Persistence Current year savings 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	0
Business New Construction and Major Renovation Initiative	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	0	0	0	0	0	0	0
Business New Construction and Major Renovation Initiative Business Existing Building Commissioning Incentive Initiative				0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0	0	0	0	0	0	0
Business New Construction and Major Renovation Initiative Business Existing Building Commissioning Incentive Initiative Business Process and Systems Upcrades Initiatives - Project Incentive Initiative Process and Systems Upcrades Initiatives - Project Incentive Initiative	2017 2017 Results Persistence Current year savings					0	0		0														0
Buriers New Construction and Major Renovation Initiative Buriers Since Building Commissioning Incentive Initiative Buriers Process and Systems Upgades Initiatives - Project Incentive Initiative Buriers Process and Systems Upgades Initiatives - Transport Initiative Buriers Process and Systems Upgades Initiatives - Transport Buriers Process -	2017 2017 Results Persistence Current year savings 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	0	0	0	0	0	0
Business New Committed and Major Renovation Initiative	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	0	0	0	0	0	0	0
Business New Construction and Major Renovation Initiative Business State Building Commissioning incentive initiative Business State Building Commissioning incentive initiative Business Agreems Upgrades initiatives - Project Incentive initiative Business Process and Systems Upgrades initiatives - Energy Manager initiative Business Agreems Upgrades initiatives - Monitoring and Targetting Initiative Business Agreems - Monitoring Initiative Business - Monitoring Initiative Business - Monitoring Initiative Business - Monitoring Initiative Business - Monitoring Initiative Busine	2007 2007 Results Persistence 2007 R			0 0	0 0	0	0 0	0	0 0 0	0	0 0	0	0 0	q 0	0	0	0	0	0	0	0	0	0
Business New Construction and Major Renovation Initiative Business Statistic Building Commissioning incentive Initiative Business Process and Systems Upgrades Initiatives - Project Incornive Initiative Business Process and Systems Upgrades Initiatives - Initiative Business Process and Systems Upgrades Initiatives - Manager Initiative Business Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative Business Program Upgrades Initiatives - Monitoring and Targeting Initiative Business Program Initiatives - Monitoring Initiatives Business Program Initiatives - Monitoring Initiative Business Program Initiatives - Monitoring Initiative Business Program Initiatives - Monitoring Initiative Business Program Initiative Initiative Business Program Initiative Initiativ	2007 2017 Results Persistence			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 0 29.551,044 21.400.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 11 21400 111	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 17.709 611	0	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0	0 0 0 0	0 0 0
Business New Construction and Major Renovation Initiative Business State Building Commissioning incentive initiative Business State Building Commissioning incentive initiative Business Agreems Upgrades initiatives - Project Incentive initiative Business Process and Systems Upgrades initiatives - Energy Manager initiative Business Agreems Upgrades initiatives - Monitoring and Targetting Initiative Business Agreems - Monitoring Initiative Business - Monitoring Initiative Business - Monitoring Initiative Business - Monitoring Initiative Business - Monitoring Initiative Busine	2007 2007 Results Persistence 2007 R			0	0 0	0 0 0 29,551,044 21,400,5i 3,248,302 3,248,30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 21,400,526 21,400,1 3,248,302 3,248,3	0 0 0 0 0 0 0 0 11 21,400,111 102 3,248,302	21,400,111 21,010,4 3,248,302 3,248,3 267,761 260,6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20,973,876 3,248,302 260,634	17,709,611 3,248,302 260,634	0 0 0 17,709,611 3,248,302 260,634	0 0 0 13,716,896 3,248,302 202,019	0 0 0 10,871,631 3,248,302 86,155	0 0 0 0 3,248,302 86,137	0 0 0 0 0 3,121,589 86,137	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



Supporting Documentation: LDC Persistence Savings Results from IESO

- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

 2. Please identify the source of the report via the dropdown list in Column I.

 3. To lacitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the asvings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

 4. Please identify what the savings use represents (i.e., current vers arrained and energy savings and substances report. A savings adjustment would be identified with a prior year implementation in the future year's results report.

 5. Please manually input or link the applicable savings and adjustments (Columns L to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

	020 Verified Program Results and Persistence into Future Years																									
rtfolio Pr	ogram Initiative	LDC	Sector	Conservation (Imp Resource Type) Ye	#2 plementation Identify Sources	#4 ce of Report Identify Status of Savings	#1 Net Verified Annual Peak Demai	nd Savings at the End	-User Level (kW)																	
							2011	2013	2014	2015	2016	2018	2019	2022	2023	2025	2026	2028	2029	2031	2032	2033	2035	2036	2038	2039
Co	Insumer Save on Energy Home Assistance Program Save on Energy Retrofit Program Save on Energy Retrofit Program Suiness Save on Energy Audit Funding Program Suiness Save on Energy Small Business Lighting Program				2018	Adjustment						485 14,828	485 14,904	485 485 14,904 14,904 14	485 4 4,904 14,0	185 485 48 013 14,013 14,01	5 485	482 1	15 115	109 10	09 97	97	97 97	97	97	0 0
Bu	siness Save on Energy Retrofit Program				2018	Adjustment						14,828	14,904	14,904 14,904 14	4,904 14,0	013 14,013 14,01	3 14,005	14,005 13,4	12,890	3,851 2,41	00 224	0	0 0	0	0	0 0
Bu	isiness Save on Energy Mubit Pulluling Program Save on Energy Small Business Lighting Program				2018 2018	Adjustment Adjustment						2,272	2,272	2,235 2,225 2	2,062 1,7	776 1,531 1,10	2 843	570 3	9 194	120	90 53	51	49 45	25	25	4 0
Bu	siness Save on Energy High Performance New Construction Program				2018	Adjustment						245	245	245 245	245 2	245 245 24	5 245	245 2	15 245	245 24	45 245	226	215 215	215	215	215 215
Bu	ssiness Save on Energy High Performance New Construction Program ssiness Save on Energy Existing Building Commissioning Program				2018	Adjustment						19	19	19 19	19	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0
	ssiness Save on Energy Process & Systems Upgrades Program				2018	Adjustment						489	489	489 489	489 4	189 489 48	9 489	489 3	21 321	321 3:	21 321	321	321 321	321	321	0 0
Bu	ssiness Save on Energy Energy Manager Program ssiness Program Enabled				2018 2018	Adjustment													1		_					
Bu	siness OPsaver Program				2018	Adjustment Adjustment																				
Bu	siness PUMPsaver Local Program				2018	Adjustment						941	941	941 941	941 9	941 941 94	1 941	941 9	941	941 94	41 941	0	0 0	0	0	0 0
Bu	siness RTUsaver Program				2018 2018 2018	Adjustment						547	547	547 547	547 5	547 547 54	7 547	547	0 0	0	0 0	0	0 0	0	0	0 0
Bu	ssiness SUITESaver Program					Adjustment						1,351	1,351	1,351 1,159	992 9	202 002	2 002	003	22 002	002 0	003			0	^	0
Co	Business Business Refrigeration Local Program Adaptive Thermostat Rebate Program				2018 2018	Adjustment Adjustment					_	1,331	1,331	1,331 1,133	332	331 331		334		332 3	332			-		
Co	insumer Swimming Pool Efficiency Program				2018	Adjustment						225	225	225 225	225 2	225 225 22	5 225	225	0 0	0	0 0	0	0 0	0	0	0 0
Bu	isiness Data Centre Pilot				2018	Adjustment																				
	insumer Save on Energy Instant Discount Program Insumer Save on Energy Heating & Cooling Program				2019	Adjustment		_							_				+		-					_
Co	insumer Save on Energy New Construction Program				2019	Adjustment Adjustment																				
Co	insumer Save on Energy Home Assistance Program				2019	Adjustment																				
Bu	ssiness Save on Energy Retrofit Program				2019	Adjustment													\perp							
Bu	ssiness Save on Energy Audit Funding Program ssiness Save on Energy Small Business Lighting Program				2019	Adjustment																				
	isiness Save on Energy Small Business Lighting Program Save on Energy High Performance New Construction Program				2019	Adjustment Adjustment																				
Bu	siness Save on Energy Existing Building Commissioning Program				2019	Adjustment																				
Bu	siness Save on Energy Process & Systems Upgrades Program				2019	Adjustment							153	153 153	153 1	153 153 15	3 153	153 1	53 100	100 1	00 100	100	100 100	100	100	100 0
Bu	siness Save on Energy Energy Manager Program siness Program Enabled				2019	Adjustment																				
Bu	Siness OPsaver Program					Adjustment Adjustment																				
Bu	OPsaver Program PUMPsaver Local Program				2019 2019	Adjustment																				
De la	PTI Irawar Program				2019	Adjustment																				
Bu	MURB DIL LOGA Program Buriners Refriencision Local Program				2019 2019	Adjustment																				
Co	Isiness Business Refrigeration Local Program Adaptive Thermostat Rebate Program				2019	Adjustment Adjustment																				
Co	insumer Swimming Pool Efficiency Program				2019	Adjustment							4	4 4	4	4 4	4 4	4	4 0	0	0 0	0	0 0	0	0	0 0
Co	insumer Pool Saver Local Program					Adjustment																				
	ssiness Save on Energy Audit Funding Program				2015	Adjustment				22	22	27 27	27	27 27	27	27 27 4	2 22	27	22	22	27 27	27	27 27	27	27	27 27
Bu	Save on Energy High Performance New Construction Program sisiness Save on Energy Retrofit Program				2015 2015	Adjustment Adjustment				13	13	13 13	13	13 12	12	12 10	5 4	3	3 3	27	1 1	1	1 0	0	0	0 0
Bu	siness Save on Energy Heating & Cooling Program				2016	Adjustment																				
Bu	isiness Save on Energy Audit Funding Program				2016	Adjustment																				
Bu	ssiness Save on Energy High Performance New Construction Program				2016 2016	Adjustment					22	22 22 272	22 273	22 22 273 271	271 2	22 22 22 2	2 22	22	22 22	22	17 14	14	14 14	14	14	14 14
Co	insumer Adantive Thermostat Local Program					Adjustment Adjustment					2/2	2/2 2/3	2/3	2/3 2/1	2/1 2	270 2	263	200	20 20	13	2 2	- 2	2 2	0	0	0
Co	Insumer Adaptive Thermostat Local Program Insumer Save on Energy Instant Discount Program				2017 2017	Adjustment																				
Co	insumer Save on Energy Heating & Cooling Program				2017	Adjustment																				
Co	insumer Pool Saver Local Program				2017	Adjustment						2 2	2	2 2	2	2 2	2 2	0	0 0	0	0 0	0	0 0	0	0	0 0
	insumer Save on Energy New Construction Program Save on Energy Small Business Lighting Program				2017	Adjustment Adjustment						3 3	3	3 3	3	2 2	1 1	0	0 0	0	0 0	0	0 0	0	0	0 0
Bu	siness Save on Energy Audit Funding Program				2017	Adjustment																				
Bu	siness Save on Energy Existing Building Commissioning Program				2017	Adjustment						30 30	30	30 30	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0
Bu	Save on Energy High Performance New Construction Program sisiness Save on Energy Process & Systems Upgrades Program				2017	Adjustment						136 136	136	136 136	136 1	136 136 13	6 136	136 1	96 136	136 1	36 125	119	119 119	119	119	119 119
Bu Bu	isiness PUMPsaver Local Program				2017	Adjustment Adjustment						41 41	41	41 41	41	41 41 4	1 41	41	11 41	41	41 0	0	0 0	0	0	0 0
Bu	ssiness PUMPsaver Local Program Save on Energy Retrofit Program				2017	Adjustment						4,135 4,156	4,156	4,156 4,156 3	3,907 3,9	3,907 3,907	5 3,905	3,737 3,5	1,074	669	62 0	0	0 0	0	0	0 0
	ssiness Save on Energy Audit Funding Program				2019	Adjustment							0	0 0	0	0 0	0 0	0	0							
Bu	siness Save on Energy Energy Manager Program Purineer Refrineerships Local Program				2019 2019	Adjustment Adjustment							601	601 601	515 A	0 0	1 441	0 441 4	11 441	441 4	41 441	441	0 0	0	0	0 0
Co	ssiness Business Refrigeration Local Program sinsumer Save on Energy New Construction Program				2019	Adjustment							26	26 26	26	26 26 2	6 26	26	26 26	26	26 26	26	17 14	14	14	14 14
Bu	isiness OPsaver Program				2019	Adjustment							0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0
Co	Insumer Adaptive Thermostat Rebate Program siness PUMPsaver Local Program				2019 2019	Adjustment							651 325	651 651 325 325	651 6 325 3	651 651 65	1 651	651 6	651	651 69	51 651	651	651 651	651	651	651 651
Bu	siness RTUsaver Program					Adjustment Adjustment										325 325 33 261 261 26	325	325 3 261 2	325	325 3	0 325	325	0 0	0	0	0 0
Bu	ssiness RTUsaver Program ssiness Save on Energy Small Business Lighting Program				2019 2019	Adjustment							261 1,032	261 261 1,032 1,015 1	261 2 1,010 9	937 807 69	5 500	383 2	59 154	88 !	54 41	24	23 22	20	12	12 2
Co	Swimming Pool Efficiency Program Save on Energy High Performance New Construction Program				2019	Adjustment							1	1 1	1	1 1	1 1	1	1 0	0	0 0	0	0 0	0	0	0 0
Bu	Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program				2019	Adjustment							1,755	1,755 1,755 1	1,755 1,7	755 1,755 1,75	1,755	1,755 1,7	1,755	1,755 1,75	35 1,755	1,755	1,615 1,537	1,537	1,537	1,537 1,537
Co	insumer MURB DIL Local Program				2019 2019	Adjustment Adjustment							6,516	6,516 6,516 6	6,516 6,5	516 6,516 6,51	6 6,516	6,516 6,5	16 6,516	6,516 6,5	16 6,516	6,516	6,516 6,516	6,516	6,516	6,516 6,516
Bu	ssiness Save on Energy Process & Systems Upgrades Program ssiness Save on Energy Audit Funding Program				2019 2018	Adjustment							0	0 0	0	0 0	0 0	0	0							
Bu	ssiness Save on Energy Audit Funding Program					Adjustment						0	0	0 0	0	0 0	0 0	0	$\perp = 1$							
Bu	ssiness Save on Energy Energy Manager Program ssiness Business Refrigeration Local Program				2018 2018	Adjustment		_				0	0	2 2	2	2 2	2 3	2	2	2	2	0	0	^	0	0
Co	Business Business Refrigeration Local Program summer Save on Energy New Construction Program				2018	Adjustment Adjustment						0	0	0 0	0	0 0	0 0	0	- 4	-	1 2		0	U	0	0
Bu	siness OPsaver Program				2018	Adjustment						0	0	0 0	0	0 0	0 0	0								
Co	insumer Adaptive Thermostat Rebate Program				2018	Adjustment						0	0	0 0	0	0 0	0 0	0								
Bu	siness PUMPsaver Local Program siness RTUsaver Program				2018 2018	Adjustment						415 316	415 316		415 4 316 3	115 415 41 316 316 31	6 316	415 4 316	0 415	415 4	0 415	0	0 0	0	0	0 0
Ru	isiness Save on Energy Small Business Lighting Program				2018	Adjustment Adjustment						4	4	4 4	4	3 3	2 2	1	1 0	0	0 0	0	0 0	0	0	0 0
Co	Salmming Pod Efficency Program Save on Energy High Performance New Construction Program sitess Save on Energy High Performance New Construction Program sources And Construction Program sources MURB DIL Local Program situates Save on Energy Process & Systems Upgrades Program sources Murb Del Saver Local Program sources Save One Energy Process & Systems Upgrades Program sources Save Del Saver Local Program sources Save Del Saver Local Program				2018	Adjustment						13	13	13 13	13	13 13 1	3 13	13	0 0	0	0 0	0	0 0	0	0	0 0
Bu	ssiness Save on Energy High Performance New Construction Program				2018	Adjustment						959	959	959 959	959 9.	959 959 95	9 959	959 9	959	959 9:	59 959	882	839 839	839	839	839 839
Bu	issness Save on Energy Existing Building Commissioning Program				2018 2018 2018 2018 2018	Adjustment						0	0	0 0	0	0 0	0 0	0	+							
Bu	siness Save on Energy Process & Systems Upgrades Program				2018	Adjustment Adjustment						0	0	0 0	0	0 0	0 0	0								
Co	insumer Pool Saver Local Program				2017	Adjustment						1 1	1	1 1	1	1 1	1 1	0	0 0	0	0 0	0	0 0	0	0	0 0
Bu	ssiness Save on Energy High Performance New Construction Program				2017	Adjustment						457 457	457	457 457	457 4	157 457 45	7 457	457 4	57 457	457 4	57 421	400	400 400	400	400	400 400
Bu	robuster / robo Saver Local Program series Save on Energy High Performance New Construction Program siness Save on Energy Estiting Building Commissioning Program series Save on Energy Estiting Building Commissioning Program series Save on Energy Audit Funding Program series Save on Energy High Performance New Construction Program series Save on Energy Audit Funding Program				2017 2017	Adjustment						4 4	4	4 4	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0
Bu	saive on Energy Process & Systems Upgrades Program siness Save on Energy Existing Building Commissioning Program					Adjustment Adjustment					0	94 94	94	94 94	0	94 94 9	94	62	62	62	62	62	62 62	62	0	0
Bu	ssiness Save on Energy Audit Funding Program				2016 2016	Adjustment					0	0 0	0	0 0	0	0 0	0									
Bu	ssiness Save on Energy High Performance New Construction Program				2016	Adjustment					105	105 105	105	105 105	105 1	105 105 10	5 105	105 1	05 105	105	88 79	39	39 39	39	39	39 39
Bu	ssiness Save on Energy New Construction Program				2016	Adjustment					0	0 0	0	0 0	0	0 0	0									
Co	Insumer Swimming Pool Efficiency Program				2016 2017	Adjustment					0	0 0	0	0 0	0	0 0	0 0									
Bu	Issues Save on Energy High Performance New Construction Program					Adjustment Adjustment						0 0	0	0 0	0	0 0	0 0									
Bu	ssiness Save on Energy New Construction Program				2017 2017	Adjustment						0 0	0	0 0	0	0 0	0 0									
	insumer Swimming Pool Efficiency Program				2017	Adjustment						0 0	0	0 0	0	0 0	0 0									
Co					2019	Adjustment										0										
Co Bu	sourmer solutions of the Control of				2018 2018	Adjustment								51 51	51	51 51 4	1 51	61	1 51	51	51 51	44	40 40	40	40	40 40



- 1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and thy
 2. Please identify the source of the report via the dropdown list in Column I.
 3. To facilitate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fills
 4. Please identify what the savings value represents (i.e., current year savings for the year or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental
 5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

 NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

Step: #1 Portfolio Program		#3 #2	#4		#1																								
	Initiative L	DC Sector Conservation (Implementation Iden Resource Type) Year	tify Source of Report Identify S Savings	Status of N	Net Verified Annual Ene	ergy Savings at	t the End-User Level (kWh))																					
																					1								
					2011	2012	2014	2015	2016	2017	2018	2020	2021	2022	2023	2025	2026	2027	2028	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
LDC Consumer	er Save on Energy Home Assistance Program	2018	Adjustme	ent							834,949	834,949 834 119,826,456 119,826	1,949 834,94	9 834,949	834,949	834,949 834,9 ,348,684 113,348,6	19 834,949	834,423	610,295 108,909,162 105,	08,286 596,6	596,686	569,365 4.613.406	567,776 1.847.889	567,776	567,776 1,847,889	567,776	567,776	30,135	30,135
LDC Business LDC Business	Save on Energy Retrofit Program Save on Energy Audit Funding Program	2018 2018	Adjustme Adjustme			-		_					119,826,45							15,619 40,401,0	30,761,959	4,613,406		1,847,889			1,847,889	0	0
LDC Business	Save on Energy Audit Funding Program Save on Energy Small Business Lighting Program	2018	Adjustme									6,885,942 6,623				,850,528 2,596,6		1,271,927		78,353 317,2	232,758	131,817	126,276	121,484	111,456			12,190	1,095
LDC Business LDC Business	Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program	2018	Adjustme Adjustme						_		1,748,428 92,528	1,748,428 1,748 92,528 93			1,748,428 1	,748,428 1,748,4	1,748,428	1,748,428	1,748,428 1,	18,428 1,748,4	1,748,428	1,748,428	1,494,297	1,351,776	1,351,776	1,351,776	1,351,776	1,351,776	1,351,776 1
LDC Business	Save on Energy Process & Systems Upgrades Program	2018	Adjustme Adjustme								3,369,435	3,369,435 3,369	1,435 3,369,43	5 3,369,435	3,369,435 3	,369,435 3,369,4	3,369,435	3,369,435	898,891	98,891 898,8	898,891	898,891	898,891	898,891	898,891	898,891	898,891	0	0
LDC Business	Save on Energy Energy Manager Program Program Enabled OPsaver Program	2018	Adjustme Adjustme																										
LDC Business	OPsaver Program	2018	Adjustme									215,781 21			215,781		31 212,350			75,848 49,7		0	0	0	0	0	0	0	0
LDC Business	PUMPsaver Local Program	2018	Adjustme								5,713,080 2,382,984	5,713,080 5,713 2,382,984 2,383	1,080 5,713,08 1,984 2,382,98	0 5,713,080 4 2,382,984	5,713,080 5 2,382,984 2	,713,080 5,713,0 ,382,984 2,382,9	5,713,080 34 2,382,984	5,713,080 2,382,984	5,713,080 5,	13,080 5,713,0	5,713,080	5,713,080	0	0	0	0	0	0	0
LDC Business	RTUsaver Program SUITESaver Program	2018	Adjustme Adjustme								2,362,904								,		0		0	0	-	Ü		0	0
LDC Business	Business Refrigeration Local Program rr Adaptive Thermostat Rebate Program	2018 2018	Adjustme	ent							8,659,818 1,994,755	8,659,818 8,659 1,994,755 1,994	9,818 7,718,11 1,755 1,994,75	3 6,903,645	6,763,743 6	,763,743 6,763,74	6,763,743	6,763,743 1,994,755	6,763,743 6, 1,994,755 1,	53,743 6,763,7 94,755 1,994,7	6,763,743 55 1,994,755	6,763,743 1,994,755	1,994,755	1,994,755	1,994,755	1,994,755	1.994.755	1.994.755	1.994.755 1
LDC Consumer	er Adaptive i nermostat kedate Program er Swimming Pool Efficiency Program	2018 2018 2018	Adjustme Adjustme								671,046	1,994,755 1,994 671,046 67	,046 671,04	5 1,994,755 6 671,046	1,994,755 1 671,046	,994,755 1,994,7 671,046 671,0	55 1,994,755 66 671,046	671,046	1,994,755 1,	0 1,994,7	0 0	1,994,755	1,994,755	1,994,755	1,994,/55	1,994,755	1,994,755	1,994,755	1,994,755 1
LDC Business	Data Centre Pilot		Adjustme	ent																									
LDC Consumer LDC Consumer	Save on Energy Instant Discount Program sr Save on Energy Heating & Cooling Program	2019	Adjustme Adjustme									78,240 71	1,240 78,24	0 78,240	78,240	78,240 78,2	10 78,240	78,240	78,240	78,240 78,2	10 78,240	78,240	78,240	78,240	78,240	78,240	75.188	0	0
LDC Consumer	r Save on Energy New Construction Program	2019	Adjustme												,				, ,				- 7						
LDC Consumer	Save on Energy Home Assistance Program	2019	Adjustme									646,187 641	1,463 648,46	2 649 462	649.462	613,408 613,4	10 612.400	610 550	610.550	20 20 2 572 2	219 629	166 474	24 966	10.000	10,000	10,000	10.000	10.000	0
LDC Business	r Save on Energy Home Assistance Program Save on Energy Retrofit Program Save on Energy Audit Funding Program	2019	Adjustme Adjustme														013,408	310,330	010,030	3/2,2	210,038	100,474	1-,500	10,000	20,000	10,000	10,000	20,000	- V
LDC Business	Save on Energy Small Business Lighting Program	2019	Adjustme	ent								786,538 786	5,538 756,45	3 749,478	663,114	533,063 439,8	296,601	219,117	145,284	90,528 54,6	19 36,234	26,587	15,057	14,424	13,876	12,731	7,497	7,345	1,392
LDC Business	Save on Energy High Performance New Construction Program Save on Energy Existing Building Commissioning Program	2019	Adjustme Adjustme																						\rightarrow				
LDC Business	Save on Energy Process & Systems Upgrades Program	2019	Adjustme	ent								1,715,381 1,71	i,381 1,715,38	1 1,715,381	1,715,381 1	,715,381 1,715,3	1,715,381	1,715,381	1,715,381	57,626 457,6	457,626	457,626	457,626	457,626	457,626	457,626	457,626	457,626	0
	Save on Energy Energy Manager Program Program Enabled	2019	Adjustme Adjustme																										
LDC Business	OPsaver Program PUMPsaver Local Program	2019	Adjustme Adjustme																										
LDC Business	PUMPsaver Local Program	2019	Adjustme	ent								6.506	i.506 6.50	6 6,506	6.506	6.506 6.50	06 6.506	6.506	6.506										
LDC Business	RTUsaver Program MURB DIL Local Program	2019	Adjustme Adjustme									6,506	,500 6,50	6,506	6,506	0,506 6,5	6,506	6,506	6,506	0	0	0	0	0	0	0	0	0	U
LDC Business	Business Refrigeration Local Program	2019	Adjustme	ent																									
	rr Adaptive Thermostat Rebate Program Swimming Pool Efficiency Program	2019	Adjustme Adjustme									14,182 14	1,182 14,18	2 14,182	14,182	14,182 14,1	32 14,182	14,182	14,182	0	0 0	0	0	0	0	0	0	0	0
LDC Consumer	rr Pool Saver Local Program Save on Energy Audit Funding Program	2015	Adjustme					2	,467 2,467	2,467	2,467		,467 2,46			2,467	0 0	0	0	0	0 0	0	0	0	0	0	0	0	0
LDC Business	Save on Energy Audit Funding Program Save on Energy High Performance New Construction Program	2015	Adjustme					100	,899 165,899	165,899	165,899	165,899 165	i,899 165,89	9 165,899	165 800	165,899 165,8	165 800	165,899	165,899	15.000	165 800	165 800	165 800	165,899	165,899	165,899	165,899	165,899	165 000
LDC Business	Save on Energy Retrofit Program	2015	Adjustme Adjustme					157	,257 156,898	156,490	156,490	156,490 156	i,373 149,29	9 149,299	147,901	125,375 68,6	1 63,977	46,206		16,206 29,8		1,921	1,921	1,921	0	103,633	103,833	103,099	0
LDC Business	Save on Energy Retrofit Program Save on Energy Heating & Cooling Program	2016	Adjustme	ent					6,956	6,956	6,956	6,956	i,956 6,95	6 6,956	6,956	6,956 6,9	66 6,956	6,956	6,956	6,956 6,9	66 6,956	6,956	6,956	6,812	0	0	0	0	0
	Save on Energy Audit Funding Program Save on Energy High Performance New Construction Program	2016	Adjustme Adjustme						318.803	318.803	318.803	318.803 31	1.803 318.80	3 318.803	318.803	318.803 318.8	318.803	318.803	318.803	18.803 318.8	3 269,090	241.211	118.391	117.516	117.516	117.516	117.516	117.516	117.516
LDC Business	Save on Energy Retrofit Program	2016	Adjustme						2,776,398	2,776,398 375,276	2,779,631	2,779,631 2,779	1,484 2,758,90	9 2,758,909	2,758,909 2	,750,393 2,750,3	33 2,710,040	2,137,813			1,889	1,889	1,889 375,276	1,889	1,889	0	0	0	0
LDC Consumer	er Adaptive Thermostat Local Program er Save on Energy Instant Discount Program	2017	Adjustme						_	375,276 92,404		375,276 375 74,323 74				375,276 375,2 74,322 74,3		375,276 72,721		75,276 375,2 72,710 72,7		375,276 62.432	375,276 6.543	375,276	375,276	375,276	375,276	375,276	375,276
LDC Consumer	r Save on Energy Heating & Cooling Program	2017	Adjustme Adjustme							858,604	858,604	858,604 851	1,604 858,60	4 858,604		858,604 858,6		858,604		58,604 858,6		858,604	858,604	858,604	825,111	0	0	0	0
LDC Consumer	er Pool Saver Local Program	2017	Adjustme							2,666 130.187	2,666 130.187	2,666 : 130.187 130	2,666 2,66 1.187 130.18		2,666 130.187	2,666 2,6 130,187 130,1		126.722	126.722	0 126.722 126.7	126.722	98.223	41.889	41.880	41.880	41.880	41.863	41.863	41.863
LDC Business	r Save on Energy New Construction Program Save on Energy Small Business Lighting Program Save on Energy Audit Funding Program		Adjustme Adjustme							10,019	10,019		1,187 130,18 1,547 8,44		5,603	3,778 2,7		1,153	696	462 3	126,722	98,223	41,889 177	41,880	41,880	41,880	41,863	41,863	41,863
LDC Business	Save on Energy Audit Funding Program	2017 2017	Adjustme																										
LDC Business	Save on Energy Existing Building Commissioning Program Save on Energy High Performance New Construction Program	2017	Adjustme Adjustme			-				97,599 418,934	97,599 418,934		7,599 97,59 1,934 418,93		418,934	418,934 418,9	0 0	418,934	418,934	18 934 418 9	0 0	358,042	323,894	323,894	323,894	323,894	223.894	323,894	323,894
LDC Business	Save on Energy Process & Systems Upgrades Program	2017	Adjustme																	,	120,550	333,012	323,03	323,03		323,031	323,031		
LDC Business	PUMPsaver Local Program Save on Energy Retrofit Program	2017	Adjustme							240,788 42,982,521		240,788 240 43,133,918 43,133	1,788 240,78 1,918 43,133,91			240,788 240,75 ,802,115 40,612,0	38 240,788 11 40,612,011	240,788 39,204,021	240,788 38,065,240 14,	10,788 240,7 13,145 11,073,3		665,184	0	0	665,184	0	0	0	0
LDC Business	Save on Energy Audit Funding Program	2019	Adjustme Adjustme							42,302,322	43,133,310	0	0	0 0	0	0	0 0	0	0	11,073,3	1,000,007	003,104	003,104	003,104	003,104	003,104	-	-	
LDC Business	Save on Energy Energy Manager Program	2019	Adjustme	ent								0	0	0 0	0	0	0 0	0	0										
LDC Business LDC Consumer	Business Refrigeration Local Program Save on Energy New Construction Program	2019	Adjustme Adjustme			-			_			3,822,390 3,823 745,820 745		0 3,406,727 0 745,820	3,047,226 2 745.820	,985,474 2,985,4 745,820 745,8	74 2,985,474 20 745.820	2,985,474 745.820	2,985,474 2, 745.820	35,474 2,985,4 25.970 725.9		2,985,474 725,970	2,985,474 725.970	562.702	239.977	239.926	239.926	239.926	239.825
LDC Business	OPsaver Program	2019	Adjustme									3,866,618 3,866	i,618 3,866,61	8 3,866,618	3,866,618 3	,866,618 3,866,6	18 3,866,618			31,834 1,359,1	891,778	0	0	0	0	0	0	0	0
LDC Consumer	er Adaptive Thermostat Rebate Program PUMPsaver Local Program	2019	Adjustme									151,692 15: 2,343,728 2,34	,692 151,69 1728 2.42.73	2 151,692 8 2,343,728	151,692	151,692 151,6 ,343,728 2,343,7		151,692		51,692 151,6 13,728 2,343,7	151,692 18 2,343,728	151,692 2,343,728	151,692 2,343,728	151,692	151,692	151,692	151,692	151,692	151,692
LDC Business	RTUsaver Program	2019	Adjustme Adjustme									2,54			2 343 720	343 728 2 243 7				, 2,343,/	2,343,728	۵,740	2,500,120	0		0	0	0	0
LDC Business	Save on Energy Small Business Lighting Program swimming Pool Efficiency Program Save on Energy High Performance New Construction Program	2019	Adjustme									1,259,134 1,259	1,259,13	4 1,259,134	1.259.134 1	.259.134 1.259.1	1,259,134	2,343,728 1,259,134	1,259,134	0	0	0	U		0	0		- U	
LDC Consumer LDC Business	awiiiiiiig rooi cinciency Program	2019							_			1,259,134 1,259 4,461,721 4,46	7,134 1,259,13 721 4,291,05	4 1,259,134 8 4,251,496	1.259.134 1	.259.134 1.259.1	34 1,259,134 35 1,682,502	1,259,134 1,242,962	1,259,134 824,140	0 13,532 309,9	7 205,542	150,815	85,411	81,820	78,715	72,217	42,529	41,664	7,899
	Save on Energy High Performance New Construction Program	2019 2019	Adjustme Adjustme									1,259,134 1,259 4,461,721 4,465 2,488 3 4,907,515 4,907	1,259,13 1,721 4,291,05 1,488 2,48	4 1,259,134 8 4,251,496 8 2,488	1,259,134 1 3,761,586 3 2,488	,259,134 1,259,1	1,259,134 1,682,502 18 2,488	1,259,134 1,242,962 2,488	1,259,134 824,140 2,488	0 13,532 309,9	0 0	0	0	0	0	72,217 0 3,794,186	42,529 0 3,794,186	0	7,899 0 3,794,186 3
	Save on Energy Existing Building Commissioning Program		Adjustme Adjustme	ent ent								4,461,721 4,461 2,488 3 4,907,515 4,907	1,134 1,259,13 1,721 4,291,05 1,488 2,48 1,515 4,907,51	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515	1,259,134 1 3,761,586 3 2,488 4,907,515 4	,259,134 1,259,1 ,023,859 2,494,9 2,488 2,4 ,907,515 4,907,5	1,259,134 1,682,502 1,682,502 2,488 15 4,907,515	1,259,134 1,242,962 2,488 4,907,515	1,259,134 824,140 2,488 4,907,515 4,	0 13,532 309,9 0 07,515 4,907,5	0 0 15 4,907,515	4,907,515	4,907,515	4,194,216	3,794,186		42,529 0 3,794,186	0	7,899 0 3,794,186 3
LDC Consumer	Save on Energy Existing Building Commissioning Program or MURB DIL Local Program	2019 2019	Adjustme Adjustme Adjustme	ent ent ent								4,461,721 4,46 2,488	1,134 1,259,13 1,721 4,291,05 1,488 2,48 1,515 4,907,51	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515	1,259,134 1 3,761,586 3 2,488 4,907,515 4	,259,134 1,259,1 ,023,859 2,494,9 2,488 2,4 ,907,515 4,907,5	1,259,134 1,682,502 1,682,502 2,488 15 4,907,515	1,259,134 1,242,962 2,488 4,907,515	1,259,134 824,140 2,488	0 13,532 309,9 0 07,515 4,907,5	0 0	4,907,515	4,907,515	4,194,216	0		42,529 0 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business	Save on Energy Existing Building Commissioning Program r MURD DIL Local Program Save on Energy Process & Systems Upgrades Program Save on Energy Audit Funding Program	2019 2019 2019 2019 2018	Adjustme Adjustme	ent ent ent							0	4,461,721 4,461 2,488 3 4,907,515 4,907	1,134 1,259,13 1,721 4,291,05 1,488 2,48 1,515 4,907,51	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515	1,259,134 1 3,761,586 3 2,488 4,907,515 4	,259,134 1,259,1 ,023,859 2,494,9 2,488 2,4 ,907,515 4,907,5	1,259,134 1,682,502 1,682,502 2,488 15 4,907,515	1,259,134 1,242,962 2,488 4,907,515	1,259,134 824,140 2,488 4,907,515 4,	0 13,532 309,9 0 07,515 4,907,5	0 0 15 4,907,515	4,907,515	4,907,515	4,194,216	3,794,186		42,529 0 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Business	Sev en Energy Cisiting Bullding Commissioning Program MAURB DIL Load Program Sev en Energy Process & System Upgrades Program Sev en Energy Process & System Upgrades Program Sev en Energy Audit Funding Program Sev en Energy Linety Manager Program Sev en Energy Linety Manager Program Seviess Referenses Local Program	2019 2019 2019 2018 2018	Adjustme Adjustme Adjustme Adjustme Adjustme Adjustme	ent ent ent ent ent ent							0	4,461,721 4,461 2,488 3 4,907,515 4,901 0 9,033,086 9,033	,134 1,259,13 ,721 4,291,05 ,488 2,48 ,515 4,907,51 0 9,033,08	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515 0 0 0 6 9,033,086	1,259,134 1 3,761,586 3 2,488 4,907,515 4 9,033,086 9	,259,134 1,259,1 ,023,859 2,494,9 2,488 2,4 ,907,515 4,907,5 0 ,033,086 9,033,0	94 1,259,134 95 1,682,502 88 2,488 15 4,907,515 0 9,033,086 0 0 0	1,259,134 1,242,962 2,488 4,907,515 9,033,086	1,259,134 824,140 2,488 4,907,515 4, 9,033,086 9,	0 13,532 309,9 0 77,515 4,907,515 4,907,515 9,033,086	0 0 15 4,907,515 66 9,033,086	4,907,515	4,907,515	4,194,216	3,794,186		42,529 0 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Business LDC Consumer	Sev on Energy Estisting Building Commissioning Program WMBB DLL COAT Program Sev on Energy Process & Systems Upgrades Program Sev on Energy And Funding Program Sev on Energy Angery Program Business Refigeration Local Program Sev on Energy Revo Construction Program Sev on Energy Revo Construction Program	2019 2019 2019 2019 2018	Adjustme Adjustme Adjustme Adjustme Adjustme	ent ent ent ent ent ent ent ent ent							0 0 15,181	4,461,721 4,461 2,488 3 4,907,515 4,907	,134 1,259,13 ,721 4,291,05 ,488 2,48 ,515 4,907,51 0 9,033,08	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515 0 0 0 6 9,033,086	1,259,134 1 3,761,586 3 2,488 4,907,515 4 9,033,086 9	,259,134 1,259,1 ,023,859 2,494,9 2,488 2,4 ,907,515 4,907,5	94 1,259,134 95 1,682,502 88 2,488 15 4,907,515 0 9,033,086 0 0 0	1,259,134 1,242,962 2,488 4,907,515 9,033,086	1,259,134 824,140 2,488 4,907,515 4, 9,033,086 9,	0 13,532 309,9 0 07,515 4,907,5	0 0 15 4,907,515 66 9,033,086	4,907,515	4,907,515	4,194,216	3,794,186		42,529 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Business LDC Consumer LDC Business	Sav on Energy Existing Building Commissioning Program MARIB DLL Look Hopgam Sav on Energy Process & Systems Upgrades Program Sav on Energy Ander Funding Program Sav on Energy Line (Funding Program Sav on Energy Line (Funding Program Business Refrigation Look Program Sav on Energy New Construction Program Others Program Others Program Others Program	2019 2019 2019 2019 2019 2019 2019 2019	Adjustme	ent							15,181 0	4,461,721 4,461 2,488 3 4,907,515 4,901 0 9,033,086 9,033	,134 1,259,13 ,721 4,291,05 ,488 2,48 ,515 4,907,51 0 9,033,08	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515 0 0 0 6 9,033,086	1,259,134 1 3,761,586 3 2,488 4,907,515 4 9,033,086 9	,259,134 1,259,1 ,023,859 2,494,9 2,488 2,4 ,907,515 4,907,5 0 ,033,086 9,033,0	94 1,259,134 95 1,682,502 88 2,488 15 4,907,515 0 9,033,086 0 0 0	1,259,134 1,242,962 2,488 4,907,515 9,033,086	1,259,134 824,140 2,488 4,907,515 4, 9,033,086 9,	0 13,532 309,9 0 77,515 4,907,515 4,907,515 9,033,086	0 0 15 4,907,515 66 9,033,086	4,907,515	4,907,515	4,194,216	3,794,186		42,529 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Business LDC Consumer LDC Gonsumer LDC Consumer LDC Consumer	Sev on Energy Estatistic Building Commissioning Program W.MURB DLL. Code Horgam Sev on Energy Ances & Systems Upgrades Program Sev on Energy Audit Funding Program Sev on Energy Energy Manager Program Business Refrigeration Local Program Sev on Energy Energy Manager Program Business Refrigeration Local Program Sev on Energy Mee Contractions Program O'Phaser Program Adaptive Thermostat Rebate Program	2019 2029 2029 2029 2020 2020 2020 2020	Adjustme	ent							15,181 0 1,264,998	4,461,721 4,461 2,488 3 4,907,515 4,901 0 9,033,086 9,033	1,134 1,259,13 7,721 4,291,05 4,898 2,488 2,488 2,485 5,515 4,907,51 0 9,033,08	4 1,259,134 8 4,251,496 8 2,488 5 4,907,515 0 6 9,033,086 0 0 12,102	1,259,134 1 3,761,596 3 2,488 4,907,515 4 9,033,086 9 1 11,857	259,134 1.259,1 .023,859 2,494,9 .2,488 2,4 .907,515 4,907,5 .033,086 9,033,0 .0 .0 .0 .0 .0 .0 .0 .0 .0	14 1,259,134 1,682,502 158 1,682,502 158 2,488 2,488 155 4,907,515 16 16 16 16 16 16 16 16 16 16 16 16 16	1,259,134 1,242,962 2,488 4,907,515 9,033,086	1,259,134 824,140 2,488 4,907,515 4, 9,033,086 9,	0 13,532 309,9 0 77,515 4,907,515 4,907,515 9,033,086	0 0 15 4,907,515 66 9,033,086	4,907,515	4,907,515	4,194,216	3,794,186		42,529 0 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Business LDC Consumer LDC Consumer LDC Consumer LDC Consumer LDC Consumer LDC Business LDC Business	See on Energy Existing Building Commissioning Program MURB DLL COAT Program See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy Low Program See on Energy Energy Manager Program Anames Entirepration Load Program Onware Program Onware Program Adaptive Termonats Rebate Program PUMPsee Load Program PUMPsee Load Program RUMSHAVE Load Program	3019 2019 2019 2019 2019 2018 2018 2018 2018 2018 2018 2018 2018	Adjustme	ent							0 0 1,264,998 1,360,947	4,461,721 4,46: 2,488 :	1,124 1,259,13 ,721 4,291,05 ,731 4,291,05 ,515 4,907,51 ,086 9,033,08 ,086 9,033,08 ,086 13,53 ,098 1,264,99 ,998 1,264,99	4 1.299,134 8 4.251,496 8 2.488 5 4.907,515 6 9,033,086 0 12,102 0 12,102 7 1,360,947	1.259.134 1 3.761.586 3 2.488 4.907.515 4 9.033.086 9 11.857	259,134 1,259,13	1,259,134 1,259,134 1,62,503 1,62,503 1,62,503 1,62,503 1,62,503 1,62,503 1,62,503 1,63,633 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634	1,259,134 1,243,962 2,488 4,907,515 9,033,086 0 11,857	1,259,134 324,140 2,488 4,907,515 4, 9,033,086 9, 11,857	3,532 309,5 0 77,515 4,907,5 33,086 9,033,0	0 0 15 4,907,515 66 9,033,086	4,907,515	4,907,515	4,194,216	3,794,186		42,529 0 3,794,186 9,033,086	0	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Gunsumer LDC Business LDC Consumer LDC Business LDC UCOnsumer LDC Business LDC Consumer LDC Business LDC Business LDC Business LDC Business	See on Energy Existing Building Commissioning Program MURB Dit Lock Phospam See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy Leafly Funding Program See on Energy Leafly Minager Program Business Refrigation Local Program 7 See on Energy New Construction Program 7 Adaptive Thermosat Rebate Program 7 Adaptive Thermosat Rebate Program 8 Minager Program 8 TUsiner Program 8 TUsiner Program 8 TUsiner Program 8 TUsiner Program	3019 2019 2019 2019 2019 2018 2018 2018 2018 2018 2018 2018 2018	Adjustme	ent							1,264,998 1,360,947 16,473	4,461,721 4,464,721 4,464,721 4,461,721 4,461,721 4,490,731,731,731,731,731,731,731,731,731,731	1,124 1.259,13 ,7721 4.291,05 ,488 2.48 ,515 4.907,51 0 9,033,08 0 9,033,08 0 13,53 0 13,53 0 13,53 0 12,64,99 9,947 1.360,34	4 1.259,134 8 4,251,496 8 2,488 5 4,907,515 6 9,033,086 0 12,102 0 12,102 0 12,102 1,166,998 7 1,360,947 6 13,888	1.259.134 1 3.761.536 3 2.488 4.907.515 4 9.033.086 9 11.857 1.264.998 1 1.264.998 1 1.164.997 1	259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,359,135 1,359,13	1,259,134 1,259,134 1,62,502 1	1,759,134 1,242,962 2,488 4,907,515 9,033,086 11,857 11,857 1,264,998 1,360,947	1,259,134 824,140 2,488 4,907,515 9,033,086 9,	3,532 309,5 0 77,515 4,907,5 33,086 9,033,0	0 0 15 4,907,515 66 9,033,086	4,507,515 9,033,086 9,033,086 11,857	9,033,086	9,033,086	3,794,186 9,033,086 9,033,086	9,033,086	9,033,086	9,033,086 9,033,086	7,899 0 3,794,186 3 9,033,086 9
LDC Consumer LDC Business LDC Business LDC Business LDC Consumer LDC Business LDC Consumer LDC Business LDC Business LDC Consumer LDC Business LDC Business LDC Business	See on Energy Existing Building Commissioning Program MURB DLL COAT Program See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy Low Program See on Energy Energy Manager Program Anames Entirepration Load Program Onware Program Onware Program Adaptive Termonats Rebate Program PUMPsee Load Program PUMPsee Load Program RUMSHAVE Load Program	2019 2029 2029 2029 2020 2020 2020 2020	Adjustme	ent							1,264,998 1,360,947 16,473	4,461,721 4,46: 2,488 :	1,124 1.259,13 ,7721 4.291,05 ,488 2.48 ,515 4.907,51 0 9,033,08 0 9,033,08 0 13,53 0 13,53 0 13,53 0 12,64,99 9,947 1.360,34	4 1.259,134 8 4,251,496 8 2,488 5 4,907,515 6 9,033,086 0 12,102 0 12,102 0 12,102 1,166,998 7 1,360,947 6 13,888	1.259.134 1 3.761.586 3 2.488 4.907.515 4 9.033.086 9 11.857 11.857	259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,359,135 1,359,13	1,259,134 1,259,134 1,62,503 1,62,503 1,62,503 1,62,503 1,62,503 1,62,503 1,62,503 1,63,633 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634 1,63,634	1,759,134 1,242,962 2,488 4,907,515 9,033,086 11,857 11,857 1,264,998 1,360,947	1,259,134 324,140 2,488 4,907,515 4, 9,033,086 9, 11,857	0 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,0 309,	5 4,907,515 16 9,033,086 11,857 11,857 1264,998 1264,998	4,507,515 9,033,086 9,033,086 11,857	9,033,086	9,033,086	3,794,186 9,033,086 9,033,086	9,033,086	42,529 3,794,186 9,033,086 9,033,086	9,033,086 9,033,086	7,899
LDC Consumer LDC Business LDC Business LDC Business LDC Consumer LDC Consumer LDC Consumer LDC Business LDC Consumer LDC Business LDC Consumer LDC Business LDC Consumer LDC Business LDC Business LDC Business LDC Business	Save on Energy Existing Building Commissioning Program MARIB DLL COAT Program Save on Energy Horcess & Systems Upgrades Program Save on Energy Horcess & Systems Upgrades Program Save on Energy Learning Program Save on Energy Energy Manager Program Audiness Refrigeration Local Program O'Asser Program O'Asser Program Adaptive Thermostal Rebate Program PAMPAsser Local Program Save on Energy Small Business Lighting Program Save on Energy Horces Program	2019 2029 2029 2029 2039 2030 2030 2030 203	Adjustme	ent							1,264,998 1,360,947 16,473	4,461,721 4,464,721 4,464,721 4,461,721 4,461,721 4,490,731,731,731,731,731,731,731,731,731,731	1,124 1.259,13 ,7721 4.291,05 ,488 2.48 ,515 4.907,51 0 9,033,08 0 9,033,08 0 13,53 0 13,53 0 13,53 0 12,64,99 9,947 1.360,34	4 1.259,134 8 4,251,496 8 2,488 5 4,907,515 6 9,033,086 0 12,102 0 12,102 0 12,102 1,166,998 7 1,360,947 6 13,888	1.259.134 1 3.761.536 3 2.488 4.907.515 4 9.033.086 9 11.857 1.264.998 1 1.264.998 1 1.164.997 1	259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,259,134 1,359,135 1,359,13	1,259,134 1,259,134 1,62,502 1	1,759,134 1,242,962 2,488 4,907,515 9,033,086 11,857 11,857 1,264,998 1,360,947	1,293,134 824,140 2,488 4,907,515 4, 9,033,086 9, 11,857 11,857 1,264,998 1,	0 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,0 309,	5 4,907,515 16 9,033,086 11,857 11,857 1264,998 1264,998	4,507,515 9,033,086 9,033,086 11,857	9,033,086	9,033,086	3,794,186 9,033,086 9,033,086	9,033,086	9,033,086	9,033,086 9,033,086	9,033,086 9
LDC	Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Existing Program Adaptive Thermosts Behale Program Adaptive Thermosts Behale Program ATUSIANT Program ATUSIANT Program Save on Energy Swall Business Lighting Program Save on Energy Small Business Lighting Program Save on Energy Existing Business Lighting Commissioning Program AVAIR B. Lit. Cod Program	2019 2029 2029 2029 2039 2030 2030 2030 203	Adjustme	ent							1,264,998 1,360,947 16,473	4,461,721 4,46: 2,488 2,481 2,490,7315 4,902 9,033,086 9,031 0 1,100,087 1,1	1,134 1,259,13 ,721 4,291,34 ,488 2,48 ,515 4,907,51 ,086 9,033,08 ,086 9,033,08 ,086 1,181 13,53 ,181 13,53 ,988 1,264,39 ,998 1,264,39 ,998 1,264,39 ,997 1,360,34 ,874 56,87 ,702 2,943,70	\$ 1,295,134 8 4,251,496 8 2,488 5 4,907,515 6 9,033,096 0 12,102 0 12,102 1,264,998 7 1,360,947 6 11,888 4 56,874 2 2,943,702	1.259.134 1 3.761.536 3 2.488 4.907.515 4 9.033.086 9 11.857 1.264.998 1 1.264.998 1 1.164.997 1	259,134 1,293,1 (20,389) 2,488 2,4 (20,375,154) 4,907,5 (20,31,086) 9,033,0 (20,31,086) 9,033,0 (20,31,086) 1,264,9 (20,31,086) 1	144 1.259,134 15 1.682,034 16 1.259,134 16 16 16 16 16 16 16 16 16 16 16 16 16	1,759,134 1,242,962 2,488 4,907,515 9,033,086 11,857 11,857 1,264,998 1,360,947	1,293,134 824,140 2,488 4,907,515 4, 9,033,086 9, 11,857 11,857 1,264,998 1,	0 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,0 309,	5 4,907,515 16 9,033,086 11,857 11,857 1264,998 1264,998	4,507,515 9,033,086 9,033,086 11,857	9,033,086	9,033,086	3,794,186 9,033,086 9,033,086	9,033,086	9,033,086	9,033,086 9,033,086	9,033,086 9
10C	Save on Energy Existing Building Commissioning Program Save on Energy Process & Systems Upgrades Program Save on Energy Process & Systems Upgrades Program Save on Energy Energy Manages Program Save on Energy Energy Manages Program Business Refregation Local Program 7 Save on Energy New Construction Program 7 Save on Energy New Construction Program 7 Adaptive Thermosats Behales Program 8 Save on Energy Savell Business Lighting Program 8 Save on Energy Savell Business Lighting Program Save on Energy Savell Business Lighting Program Save on Energy Savell Business Lighting Frogram Save on Energy Savell Business Lighting Frogram Save on Energy Favell Business Lighting Frogram Save on Energy Favell Business Lighting Commissioning Program 5 Save on Energy Favell Business Lighting Commissioning Program 5 Save on Energy Favell Business Lighting Commissioning Program 7 AMURB DLL LOCAL Program 7 Problems Commissioning Program 7 Problems Commissioning Program 7 Problems Commissioning Program 7 Problems Commissioning Program	3009 3019 3029 3029 3030 3030 3030 3030 3030 303	Афилия	ent						2,383	1,264,998 1,360,947 16,473 56,874 2,943,702	4,461,721 4,46 2,488 2 4,507,515 4,50 9,033,086 9,03 15,183 11 1,764,598 1,764,598 1,866,947 1,866,47 1,664,79 5 1,647,94 5 1,647	1,134 1,259,136 ,721 4,291,05 ,7488 2,488 2,488 ,7488 2,488 ,7488 3,488 ,7488	\$ 1,295,134 8 4,251,496 8 2,488 5 4,907,515 6 9,033,086 0 12,102 0 12,102 0 12,102 1,166,997 6 1,366,947 6 1,366,947 6 1,368,944 2,943,702 2,943,702 3 2,383	1.750,134 1.750,136 3.750,136 3.750,136 3.750,136 3.750,136 4.90,731 4.90,7	,259,14 1,259,1 ,202,859 2,488 2,2 ,2488 2,4 ,259,75,15 4,90,5 ,013,086 9,013,0 ,013,086 9,013,0 ,013,086 1,264,98 ,1264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,2	149 1.259,134 15 1.625,134 16 1.259,134 16 16 16 16 16 16 16 16 16 16 16 16 16	1,79,134 1,742,362 2,488 4,907,513 9,033,086 11,857 0 1,264,598 1,360,547 3,043 5,637,702	1.294.346 1824.140 2.2488 4,907.315 4,907.315 0 9,031.066 9, 11,267 11,267 11,267 0 0 2,2943,702 2,	0 309,93	5 4,907,515 16 9,033,086 11,857 11,857 1264,998 1264,998	4,507,515 9,033,086 9,033,086 11,857	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	2,794,186 9,033,086 9,033,086 0 267 267 2,275,888	9,033,086 0 0 157 0 2,275,888	9,013,086	3,794,186 9,033,086 9,033,086	9,033,086 9
IDC	See on Energy Estatistic Building Commissioning Program See on Energy Process & Systems Urgandes Program See on Energy Process & Systems Urgandes Program See on Energy Manager Program See on Energy Manager Program See on Energy Manager Program If Adaptive Termonate Rebate Program Additional Program Additional Program See on Energy See of Energy Manager Program See on Energy See of Energy Program See on Energy Reprose Building Commissioning Program AMURB ULL Local Program AMURB ULL Local Program Prod See on Energy Reprose & Systems Urgandes Program Prod See to Local Program	3019 3019 3029 3029 3029 3039 3039 3039 3039 303		ent to the control of						2,383 61,944 91633	1,264,998 1,360,947 16,473 56,874 2,943,702 0 0 1,383 61,1944 30,653	4,461,722 4,46:64 2,488 4,507,515 4,50 9,031,066 9,031 0 1,164,998 1,164,79 1,164,998 1,164,79 1,164,7	1,134 1,290,131,018 2,484 2,48	\$ 1,295,134 8 4,251,496 8 2,488 5 4,907,316 6 9,033,086 0 12,102 0 12,102 0 13,66,987 1,166,987 2 2,943,702 2 3,33 3 2,333 4 611,944	1.750,134 1.750,136 3.750,136 3.750,136 3.750,136 3.750,136 4.90,731 4.90,7	259,134 1,293,1 (20,389) 2,488 2,4 (20,375,154) 4,907,5 (20,31,086) 9,033,0 (20,31,086) 9,033,0 (20,31,086) 1,264,9 (20,31,086) 1	149 1.259,134 15 1.625,134 16 1.259,134 16 16 16 16 16 16 16 16 16 16 16 16 16	1,79,134 1,742,362 2,488 4,907,513 9,033,086 11,857 0 1,264,598 1,360,547 3,043 5,637,702	1.294.346 1824.140 2.2488 4,907.315 4,907.315 9,033.006 9,11,857 11,857 12,64.998 1,866 2,943.702 2,943.702 2,943.702 2,943.702 2,943.702	0 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,9 309,0 309,	5 4,907,515 16 9,033,086 11,857 11,857 1264,998 1264,998	4,507,515 9,033,086 9,033,086 11,857	9,033,086	9,033,086	3,794,186 9,033,086 9,033,086	9,033,086	9,033,086	9,033,086 9,033,086	9,033,086 9
10C	See on Energy Estatistic Building Commissioning Program See on Energy Process & Systems Urgandes Program See on Energy Process & Systems Urgandes Program See on Energy Manager Program See on Energy Manager Program See on Energy Manager Program If Adaptive Termonate Rebate Program Additional Program Additional Program See on Energy See of Energy Manager Program See on Energy See of Energy Program See on Energy Reprose Building Commissioning Program AMURB ULL Local Program AMURB ULL Local Program Prod See on Energy Reprose & Systems Urgandes Program Prod See to Local Program	3000 3000 3000 3000 3000 3000 3000 300	Афилия	ent						30,653 813.010	1,264,998 1,360,947 16,473 56,874 2,943,702 0 0 1,382 1,383 611,944 30,653 813,010	4,461,721 4,466 2,288 4,507,515 4,500 9,031,086 9,031 15,181 11 15,181 11 1,264,998 1,264,998 1,266,72 16,772 11 16,772 12 16,772 12 16,772 12 16,773 12 16,773 13 17 17 17 17 17 17 17 17 17 17 17 17 17	1,144 1,291,14,144 2,484	\$ 1,259,134 8 4,351,496 8 2,488 5 4,907,515 6 9,033,086 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,103 0 12,103 0 13,860,947 0 13,860 0 13,8	1.750,134 1.750,136 3.750,136 3.750,136 3.750,136 3.750,136 4.90,731 4.90,7	,259,14 1,259,1 ,202,859 2,488 2,2 ,2488 2,4 ,259,75,15 4,90,5 ,013,086 9,013,0 ,013,086 9,013,0 ,013,086 1,264,98 ,1264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,988 1,264,98 ,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,264,988 1,2	14	1,79,134 1,742,362 2,488 4,907,513 9,033,086 11,857 0 1,264,598 1,360,547 3,043 5,637,702	1.294.346 1824.140 2.2488 4,907.315 4,907.315 0 9,031.066 9, 11,267 11,267 11,267 0 0 2,2943,702 2,	0 309,93	5 4,907,515 16 9,033,086 11,857 11,857 1264,998 1264,998	4,507,515 9,033,086 9,033,086 11,857	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	2,794,186 9,033,086 9,033,086 0 267 267 2,275,888	9,033,086 0 0 157 0 2,275,888	9,013,086	3,794,186 9,033,086 9,033,086	9,033,086 9
IDC	See on Energy Existing Building Commissioning Program See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy Actif Funding Program See on Energy Lead Funding Program See on Energy Lead Funding Program Facilities See See See See See See See See See S	3009 3009 3009 3009 3000 3000 3000 3000	Ağılarının	ent					36,300		1,264,998 1,360,947 16,473 56,874 2,943,702 0 0 1,382 1,383 611,944 30,653 813,010	4,461,722 4,46:64 2,488 4,507,515 4,50 9,031,066 9,031 0 1,164,998 1,164,79 1,164,998 1,164,79 1,164,7	1,144 1,291,14,144 2,484	\$ 1,259,134 8 4,351,496 8 2,488 5 4,907,515 6 9,033,086 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,102 0 12,103 0 12,103 0 13,860,947 0 13,860 0 13,8	1.750,134 1.750,136 3.750,136 3.750,136 3.750,136 3.750,136 4.90,731 4.90,7	,299,140 1,299,1 (20,18,99) 2,488 2,4 (20,18,99) 2,488 2,4 (20,18,99) 2,90,73,1 (20,18,99) 2,90,33,0 (20,18,99) 1,264,99 (20,1	14	1,79,134 1,742,362 2,488 4,907,513 9,033,086 11,857 0 1,264,598 1,360,547 3,043 5,637,702	1.294.346 1824.140 2.2488 4,907.315 4,907.315 0 9,031.066 9, 11,267 11,267 11,267 0 0 2,2943,702 2,	0 309,93	5 4,907,515 16 9,033,086 17 11,857 18 1,264,998 10 10 10 10 10 10 10 10 10 10 10 10 10 1	4,507,515 9,033,086 9,033,086 11,857	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	2,794,186 9,033,086 9,033,086 2,275,888 473,117	9,033,086 0 0 157 0 2,275,888	9,013,086	3,794,186 9,033,086 9,033,086	9,033,086 9
IDC	See on Energy Existing Building Commissioning Program See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy Actif Funding Program See on Energy Lead Funding Program See on Energy Lead Funding Program Facilities See See See See See See See See See S	3019 3029 3029 3029 3029 3020 3020 3020 302		ent de contract de					366.303 6 30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	30,653 813.010	1,264,598 1,360,547 16,473 56,874 2,943,702 0 0 2,383 611,944 30,653 813,010 366,905	4,461,721 4,46 2,288 4,507,515 4,500 9,031,086 9,031 15,181 11 15,181 11 1,264,998 1,264,998 1,264,000 16,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,26	1,144 1,291,14,144 2,484	1 229,148	1.295.134 1 3.761.586 3 3.761.586 3 2.488 4.907.515 4 4.907.515 4 9.031.086 9 11.857 11.857 11.864.998 1 11.867 2 2.484.702 2 2.484.702 2 2.484.702 2	,299,14 1,299,1 ,201,849 2,488 2,488 2,488 2,488 2,488 2,488 2,488 2,489,275,275 2,489,275,275 2,489,275 2	1299.334 1299.334	1,293,134 1,242,362 2,488 4,907,513 9,013,086 11,367 11,367 11,367 3,043 3,043 3,043 56,874 2,594,702	1.29.1.46 82.4.40 2.488 4.907.515 4. 4.907.515 9.033.0.06 9. 11.857 1.857 1.857 2.943.702 2.943.702 2.943.702 2.944.702 2.16.893	0 309,93	5 4,507,515 6 9,033,086 7 11,857 1 1,264,998 1 1,264,998 2 2,944,702 4 611,944 1 216,893 1 216,893	4,507,515 9,033,086 9,033,086 11,857	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	3,794,186 9,031,086 9,031,086 0 0 2,031,086 0 0 2,275,688 473,17 0 216,893 0	9,033,086 0 0 157 0 2,275,888	9,013,086	3,794,186 9,033,086 9,033,086	9,033,086 9 9,033,086 9 0 0 3 3 3 3 3 2,2275,888 2
DC	See on Energy Existing Building Commissioning Program See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy Ander Funding Program See on Energy Learn Local Program I see on Energy Manager Program I Adaptive Thermoutst Rebate Program I Adaptive Thermoutst Rebate Program I Adaptive Thermoutst Rebate Program I Add Program I see on Energy See on Energy Manager See on Energy See on Energy Manager See on Energy Manager See on Energy Manager See on Energy Manager Add Bolt Local Program See on Energy Manager Add Bolt Local Program See on Energy Manager See	3019 3019 3029 3029 3029 3029 3028 3028 3028 3028 3028 3028 3028 3028	Ağılarının	sent sent sent sent sent sent sent sent					36,500 36,500 58,876	30,653 813,010 366,905	1,264,598 1,360,547 16,473 56,874 2,943,702 0 0 2,383 611,944 30,653 813,010 366,905	4,461,721 4,46 2,288 4,507,515 4,50 5,031,086 9,031 5,131,086 9,031 15,131 11 1,265,989 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,26,64,199 1,264,999 1,264,199 1,264,999 1,264,199 1,264,999 1,264,199 1,264,999 1,264,199 1,264,999 1,264,199 1,264,	1,344 1,290,131,034 1,200,131,034 1,200,131,04 1,200,13	1 229,148	1.295.134 1 3.761.586 3 3.761.586 3 2.488 4.907.515 4 4.907.515 4 9.031.086 9 11.857 11.857 11.864.998 1 11.867 2 2.484.702 2 2.484.702 2 2.484.702 2	,299,14 1,299,1 ,201,849 2,488 2,488 2,488 2,488 2,488 2,488 2,488 2,489,275,275 2,489,275,275 2,489,275 2	1299.334 1299.334	1,293,134 1,242,362 2,488 4,907,513 9,013,086 11,357 11,357 11,357 3,043 3,043 3,043 56,874 2,594,702	1.294.346 1824.140 2.2488 4,907.315 4,907.315 0 9,031.066 9, 11,267 11,267 11,267 0 0 2,2943,702 2,	1,532 309,98,100 10,100	5 4,507,515 6 9,033,086 7 11,857 1 1,264,998 1 1,264,998 2 2,944,702 4 611,944 1 216,893 1 216,893	11,857 1,264,998 335 2,941,702 2,941,702	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	2,794,186 9,033,086 9,033,086 2,275,888 473,117	9,033,086	9,013,086	3,794,186 9,031,086 9,031,086 20 20 20 22 22,275,888	9,033,086 9 0 0 0 3 3 0 472,117
LOC	Save on Energy Existing Building Commissioning Program Mottill Bit Lock of Inorgam Save on Energy Ancies & Systems Upgrades Program Save on Energy Ancies & Systems Upgrades Program Save on Energy Leaf Funding Program Save on Energy Leaf Existing Program Associated to Energy Mining Program Associated Program Adaptive Thermosate Behale Program Adaptive Thermosate Behale Program Adaptive Thermosate Behale Program All Multiput Control Program All User Program All User Program Save on Energy Existing Buildiness Lighting Program Save on Energy Existing Building Commissioning Program AMUB Bit Lock of Program Save on Energy Existing Building Commissioning Program	3000 3000 3000 3000 3000 3000 3000 300	Ağılarının	sent and sen					366,500	30,653 813,010 366,905	1,264,598 1,360,547 16,473 56,874 2,943,702 0 0 2,383 611,944 30,653 813,010 366,905	4,461,721 4,46 2,288 4,507,515 4,500 9,031,086 9,031 15,181 11 15,181 11 1,264,998 1,264,998 1,264,000 16,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,26	1,344 1,290,131,034 1,200,131,034 1,200,131,04 1,200,13	1 229,148	1.295.134 1 3.761.586 3 3.761.586 3 2.488 4.907.515 4 4.907.515 4 9.031.086 9 11.857 11.857 11.864.998 1 11.867 2 2.484.702 2 2.484.702 2 2.484.702 2	,299,14 1,299,1 ,201,849 2,488 2,488 2,488 2,488 2,488 2,488 2,488 2,489,275,275 2,489,275,275 2,489,275 2	1299.334 1299.334	1,293,134 1,242,362 2,488 4,907,513 9,013,086 11,357 11,357 11,357 3,043 3,043 3,043 56,874 2,594,702	1.29.1.46 82.4.40 2.488 4.907.515 4. 4.907.515 9.033.0.06 9. 11.857 1.857 1.857 2.943.702 2.943.702 2.943.702 2.944.702 2.16.893	1,532 309,98,100 10,100	5 4,507,515 6 9,033,086 7 11,857 1 1,264,998 1 1,264,998 2 2,944,702 4 611,944 1 216,893 1 216,893	11,857 1,264,998 335 2,941,702 2,941,702	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	3,794,186 9,031,086 9,031,086 0 0 2,031,086 0 0 2,275,688 473,17 0 216,893 0	9,033,086	9,013,086	3,794,186 9,031,086 9,031,086 20 20 20 22 22,275,888	9,033,086 9 9,033,086 9 0 0 3 3 3 3 3 2,2275,888 2
LOC	See on Energy Existing Building Commissioning Program See on Energy Process & Systems Upgrades Program See on Energy Process & Systems Upgrades Program See on Energy And Funding Program See on Energy Leaf Funding Program See on Energy Leaf Funding Program 1 See on Energy Leaf Funding Program 1 See on Energy Leaf Funding Program 1 Adaptive Thermostat Rebate Program 1 See on Energy Existing Building Commissioning Program See on Energy Build Funding Program	3019 3019 3029 3029 3029 3029 3028 3028 3028 3028 3028 3028 3028 3028		word word word word word word word word					366,300,300	30,653 813,010 366,905	1,264,598 1,360,547 16,473 56,874 2,943,702 0 0 2,383 611,944 30,653 813,010 366,905	4,461,721 4,46 2,288 4,507,515 4,500 9,031,086 9,031 15,181 11 15,181 11 1,264,998 1,264,998 1,264,000 16,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,26	1,344 1,290,131,034 1,200,131,034 1,200,131,04 1,200,13	1 229,148	1.295.134 1 3.761.586 3 3.761.586 3 2.488 4.907.515 4 4.907.515 4 9.031.086 9 11.857 11.857 11.864.998 1 11.867 2 2.484.702 2 2.484.702 2 2.484.702 2	,299,14 1,299,1 ,201,849 2,488 2,488 2,488 2,488 2,488 2,488 2,488 2,489,275,275 2,489,275,275 2,489,275 2	1299.334 1299.334	1,293,134 1,242,362 2,488 4,907,513 9,013,086 11,357 11,357 11,357 3,043 3,043 3,043 56,874 2,594,702	1.29.1.46 82.4.40 2.488 4.907.515 4. 4.907.515 9.033.0.06 9. 11.857 1.857 1.857 2.943.702 2.943.702 2.943.702 2.944.702 2.16.893	1,532 309,98,100 10,100	5 4,507,515 6 9,033,086 7 11,857 1 1,264,998 1 1,264,998 2 2,944,702 4 611,944 1 216,893 1 216,893	11,857 1,264,998 335 2,941,702 2,941,702	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	3,794,186 9,031,086 9,031,086 0 0 2,031,086 0 0 2,275,688 473,17 0 216,893 0	9,033,086	9,013,086	3,794,186 9,031,086 9,031,086 20 20 20 22 22,775,888	9,033,086 9 9,033,086 9 0 0 3 3 3 3 3 2,2275,888 2
LOC	See on Energy Existing Building Commissioning Program See on Energy Process & System Upgrades Program See on Energy Process & System Upgrades Program See on Energy And Unufley Program See on Energy Energy Manager Program See on Energy Energy Manager Program See on Energy Energy Manager Program Adaptive Seefingson Local Program Adaptive Thermostal Behalt Program Adaptive Thermostal Behalt Program Adaptive Thermostal Behalt Program Affiliative Thermostal Behalt Program See on Energy Small Business Lighting Program See on Energy Existing Business Lighting Program See on Energy Existing Business Lighting Program See on Energy Existing Business Lighting Commissioning Program See on Energy Expert Expert See Contraction Program See on Energy Expert Expert See Contraction Program See on Energy Expert Experts Commissioning Program See on Energy Experts Experts Upgrades Program See on Energy Experts Experts See on E	3009 3009 3009 3009 3009 3009 3008 3008		enerth en					36,500	30,653 813,010 366,905	1,264,598 1,360,547 16,473 56,874 2,943,702 0 0 2,383 611,944 30,653 813,010 366,905	4,461,721 4,46 2,288 4,507,515 4,500 9,031,086 9,031 15,181 11 15,181 11 1,264,998 1,264,998 1,264,000 16,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,26	1,344 1,290,131,034 1,200,131,034 1,200,131,04 1,200,13	1 229,148	1.295.134 1 3.761.586 3 3.761.586 3 2.488 4.907.515 4 4.907.515 4 9.031.086 9 11.857 11.857 11.864.998 1 11.867 2 2.484.702 2 2.484.702 2 2.484.702 2	,299,14 1,299,1 ,201,849 2,488 2,488 2,488 2,488 2,488 2,488 2,488 2,489,275,275 2,489,275,275 2,489,275 2	1299.334 1299.334	1,293,134 1,242,362 2,488 4,907,513 9,013,086 11,357 11,357 11,357 3,043 3,043 3,043 56,874 2,594,702	1.29.1.46 82.4.40 2.488 4.907.515 4. 4.907.515 9.033.0.06 9. 11.857 1.857 1.857 2.943.702 2.943.702 2.943.702 2.944.702 2.16.893	1,532 309,98,100 10,100	5 4,507,515 6 9,033,086 7 11,857 1 1,264,998 1 1,264,998 2 2,944,702 4 611,944 1 216,893 1 216,893	11,857 1,264,998 335 2,941,702 2,941,702	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	3,794,186 9,031,086 9,031,086 0 0 2,031,086 0 0 2,275,688 473,17 0 216,893 0	9,033,086	9,013,086	3,794,186 9,031,086 9,031,086 20 20 20 22 22,775,888	9,033,086 9 9,033,086 9 0 0 3 3 3 3 3 2,2275,888 2
IDC	Save on Energy Existing Building Commissioning Program Save on Energy Ancies & Systems Upgrades Program Save on Energy Ancies & Systems Upgrades Program Save on Energy Levil Funding Program Save on Energy Levil Funding Program Facilities Selfregation Local Program Facilities Selfregation Local Program Facilities Selfregation Local Program Adaptive Thermostat Behate Program Adaptive Thermostat Behate Program Alfalbrave Trogram Alfalbrave Trogram Alfalbrave Trogram Alfalbrave Trogram Alfalbrave Trogram Alfalbrave Trogram Save on Energy Strall Business Lighting Program Save on Energy Strall Business Lighting Program Save on Energy Existing Business Uphting Program Save on Energy Existing Business Uphting Commissioning Program Save on Energy Existing Business Commissioning Program Facilities Commissioning Program Save on Energy Existing Business Commissioning Program Save on Energy Explain Performance New Construction Program Save on Energy Explain Performanc	3009 3009	Ağılarının	word with a control of the control o					366,500	30,653 813,010 366,905	1,264,598 1,360,547 16,473 56,874 2,943,702 0 0 2,383 611,944 30,653 813,010 366,905	4,461,721 4,46 2,288 4,507,515 4,500 9,031,086 9,031 15,181 11 15,181 11 1,264,998 1,264,998 1,264,000 16,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,264,998 1,264,000 1,26	1,344 1,290,131,034 1,200,131,034 1,200,131,04 1,200,13	1 229,148	1.295.134 1 3.761.586 3 3.761.586 3 2.488 4.907.515 4 4.907.515 4 9.031.086 9 11.857 11.857 11.864.998 1 11.867 2 2.484.702 2 2.484.702 2 2.484.702 2	,299,14 1,299,1 ,201,849 2,488 2,488 2,488 2,488 2,488 2,488 2,488 2,489,275,275 2,489,275,275 2,499,275 2	1299.334 1299.334	1,293,134 1,242,362 2,488 4,907,513 9,013,086 11,357 11,357 11,357 3,043 3,043 3,043 56,874 2,594,702	1.29.1.46 82.4.40 2.248 4.307.515 4.307.515 9.033.036 9.11.857 11.857 1.264.998 1. 1.056 2.2643.702 2.2643.702 2.2643.702 2.2643.702 2.2643.702 2.2643.702 2.2643.702 2.2643.702 2.2643.702	1,532 309,98,100 10,100	5 4,507,515 6 9,033,086 7 11,857 1 1,264,998 1 1,264,998 2 2,944,702 4 611,944 1 216,893 1 216,893	11,857 1,264,998 335 2,941,702 2,941,702	4,907,515 9,033,086 9,033,086 0 0 0 0 0 0 0 2,515,840	9,033,086 9,033,086 0 0 0 2,275,888	3,794,186 9,031,086 9,031,086 0 0 2,031,086 0 0 2,275,688 473,17 0 216,893 0	9,033,086	9,013,086	3,794,186 9,031,086 9,031,086 20 20 20 22 22,775,888	9,033,086 9 9,033,086 9 0 0 3 3 3 3 3 2,2275,888 2



1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and the corresponding demand and energy savings data by initiative in Columns L to BT of this work form.

2. Please identify the source of the report via the dropdown list in Column I.

3. To facilities the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the filter button at cell H25 (highlighted in orange). Before you sort values, please ensure that all table columns have filters.

4. Please identify what the savings value represents (i.e., current vear savings for the year or an adjustment to a prior year' with different to a prior year' with different vear's results report.

5. Please manually input or link the applicable savings and adjustments (Columns I. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those provided by the IESO.

Table 7	2011-2020	Varified	Drogram	Poculto on	d Doro	ictopco	into	Euturo	Voore

Step: #1 Portfolio Program Initiative			#3	3 #2	#4	#1																												
Portfolio Program Initiative	LDC	Sector	Conservation (In	mplementation Identify Source of Re		Net Verified A	nnual Peak Demai	nd Savings at the En	nd-User Level (kW)																									
			Resource Type) 1	Year	Savings																													
						_	_		1										1	1	1													
						8	8	8	8	8	8	8	8	20	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	ಕ	8 8
						=	1 5	E	4	5	6	17	8	19	8	22	8	22	24	8	86	8	86	ß	8	22	×	8	2	84	86	37	6	8 8
LDC Business Save on Energy New Construction Program				2018	Adjustment				1				5	5	5	5	5	5	5 5	5 !	5	5	5 5	5	5	5	5	4	2	2	2	2	2	2
LDC Consumer Swimming Pool Efficiency Program				2018	Adjustment								0	0	0	0	0	0) (0 (0	0	0											
LDC Business Save on Energy Audit Funding Program				2019	Adjustment									0	0	0	0	0) (0	0	0	0 0											
LDC Business Save on Energy High Performance New Construction Program				2019	Adjustment									0	0	0	0	0) (0 (0	0	0 0											
LDC Business Save on Energy New Construction Program				2019	Adjustment									0	0	0	0	0) (0	0	0	0 0											
LDC Consumer Swimming Pool Efficiency Program				2019	Adjustment									1	1	1	1	1	1 1	1 :	1	1	1 1	. 0	0	0	0	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2015	Adjustment					4	4	4	4	4	4	4	4	4	1 3	3	2	1	1 1	1	1	0	0	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2016	Adjustment						81	81	81	81	81	80	80	80	80	0 80	0	79	59 28	28	5	1	1	1	1	1	0	0	0	0
LDC Business Save on Energy Retrofit Program				2017	Adjustment							736	740	740	740	740	695	695	695	5 695	5 69	95 6	65 640	191	119	11	0	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2018	Adjustment								8,335	8,377	8,377	8,377	8,377	7,876	7,876	6 7,876	6 7,87	72 7,8	72 7,532	7,246	2,165	1,349	126	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2019	Adjustment									5,592	5,621	5,621	5,621	5,621	1 5,284	4 5,284	4 5,28	84 5,2	82 5,282	5,054	4,861	1,452	905	85	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2015	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	0
LDC Business Save on Energy Retrofit Program				2016	Adjustment					0	12	12	12	12	12	12	12	12	2 12	2 1	2 :	12	9 4	4	1	0	0	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2017	Adjustment					0	0	49	49	49	49	49	46	46	5 46	6 41	6	46	44 42	13	8	1	0	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2018	Adjustment					0	0	0	1,311	1,317	1,317	1,317	1,317	1,238	1,238	8 1,231	8 1,23	38 1,2	38 1,184	1,139	340	212	20	0	0	0	0	0	0	0
LDC Business Save on Energy Retrofit Program				2019	Adjustment					0	0	0	0	3,442	3,459	3,459	3,459	3,459	3,253	3,25	3,25	53 3,2	51 3,251	3,110	2,992	894	557	52	0	0	0	0	0	0
LDC Business Business Refrigeration Local Program				2019	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	0
LDC Consumer Save on Energy New Construction Program				2019	Adjustment					0	0	0	0	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 OPsaver Program				2019	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	0
LDC Consumer Adaptive Thermostat Rebate Program				2019	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	0
LDC Business PUMPsaver Local Program				2019	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	0
LDC Business RTUsaver Program				2019	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	0
LDC Business Save on Energy Small Business Lighting Program				2019	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	0
LDC Consumer Swimming Pool Efficiency Program				2019	Adjustment					0	0	0	0	1	1	1	1	1	1 1	1 :	1	1	1 1	. 0	0	0	0	0	0	0	0	0	0	0
LDC Business Save on Energy High Performance New Construction Program				2019	Adjustment					0	0	0	0	166	166	166	166	166	5 166	6 166	6 16	66 1	66 166	166	166	166	166	166	153	145	145	145	145	145
LDC Business Save on Energy Existing Building Commissioning Program				2019	Adjustment					0	0	0	0	17	17	17	17	17	7 (0	D	0	0 0	0	0	0	0	0	0	0	0	0	0	0
LDC Business Business Refrigeration Local Program				2018	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	0
LDC Business PUMPsaver Local Program				2018	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	0
LDC Consumer Save on Energy New Construction Program				2018	Adjustment					0	0	0	26	26	26	26	26	26	5 26	6 26	6 2	26	26 26	26	26	26	26	17	14	14	14	14	14	14
LDC Business Save on Energy Existing Building Commissioning Program				2018	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	0
LDC Consumer Swimming Pool Efficiency Program				2018	Adjustment					0	0	0	1	1	1	1	1	1	1 1	1 :	1	1	1 0	0	0	0	0	0	0	0	0	0	0	0
LDC Business Save on Energy High Performance New Construction Program				2018	Adjustment					0	0	0	401	401	401	401	401	401	401	1 40:	1 40	01 4	01 401	401	401	401	401	369	351	351	351	351	351	351
LDC Consumer Pool Saver Local Program				2017	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	0	0
LDC Business Save on Energy High Performance New Construction Program				2017	Adjustment					0	0	19	19	19	19	19	19	19	9 19	9 19	9 :	19	19 19	19	19	19	17	16	16	16	16	16	16	16
LDC Business Save on Energy Existing Building Commissioning Program				2017	Adjustment					0	0	66	66	66	66	66	0	0		0 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0
LDC Business Save on Energy Process & Systems Upgrades Program				2017	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	0	0
LDC Business Save on Energy Existing Building Commissioning Program				2016	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	0	0
LDC Business Save on Energy High Performance New Construction Program				2016	Adjustment					0	11	11	11	11	11	11	11	11	11	1 1:	1 :	11	11 11	11	11	9	8	4	4	4	4	4	4	4
LDC Business Save on Energy Existing Building Commissioning Program				2015	Adjustment					41	41	41	41	41	41	41	41	41	41	1 4:	1 4	41	41 41	41	41	41	41	41	41	41	41	41	41	41



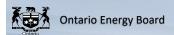
Drop Down List (Blue)

Instructions (Grey)

1. Columns B to H of this tab have been structured in a way to match the formatting of the persistence report provided by the IESO. Please copy and paste the program information by initiative in Columns B to H and thy
2. Please identify the source of the report via the dropdown list in Column I.
3. To faciliate the identification of adjustments that may be available in a prospective year's results report, it will be easier to sort all the savings by implementation year (Column H). This can be done by clicking on the fill in
4. Please identify what the savings use represents (i.e., current year savings to the vear or an adjustment to a prior year) via the dropdown list in Column J. Current year savings would be identified with an implemental
5. Please manually input or link the applicable savings and adjustments (Columns 1. to BT) for all applicable initiatives in Tabs 4 and 5 of this work form.

NOTE: The Net Verified Peak Demand Savings table and Net Verified Energy Savings table below are in the reverse order to the accompanying tables in Tab 4 and Tab 5. The tables below match those p

Sten:	#1	to remed rogium results and remistence into radic reals			#3	#2 #4	#1																													
Portfolio	Progra	ram Initiative LDC	Secto	Conservation	(Implementation	Identify Source of Report Identify Status of	Net Verified An	nual Energy S	avings at the End-U	er Level (kWh)																					-	-				
				Resource Type) Year	Savings		-	-																											
							N N	2	2	2	×	×	×	×	2	×	×	2	×	8	8	×	×	24	×	×	×	×	×	×	×	8	2	2	N 20	×
							E	ä	ä	12	55	16	17	018	19	26	21	ă	ž	024	25	326	ž	28	28	ĕ	ĕ	ä	ä	ğ	꾫	36	37	¥	. 8	8
LDC	Busine	ness Save on Energy New Construction Program			2018	Adjustment								133,961	133,961	133,961	133,961	133,961	133,961	133,961	133,961	133,961	133,961	130,396	130,396	130,396	130,396	130,396	101,070	43,104	43,095	43,095	43,095	43,077	43,077	7 43,077
LDC	Consur	umer Swimming Pool Efficiency Program			2018	Adjustment								0	0	0	0	0	0	0	0	0	0													
LDC	Busine	ness Save on Energy Audit Funding Program			2019	Adjustment									0	0	0	0	0	0	0	0	0	0												
LDC	Busine	ness Save on Energy High Performance New Construction Program			2019	Adjustment									0	0	0	0	0	0	0	0	0	0												
LDC	Busine	ness Save on Energy New Construction Program			2019	Adjustment									0	0	0	0	0	0	0	0	0	0												
LDC	Consur	umer Swimming Pool Efficiency Program			2019	Adjustment									1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	0	0	0	0	0	0	0	0 /	0	0		0
LDC	Busine	ness Save on Energy Retrofit Program			2015	Adjustment					429,048	428,069	426,957	426,957	426,957	426,636	407,338	407,338	403,522	342,063	187,220	174,551	126,066	126,066	126,066	81,348	5,241	5,241	5,241	5,241	0 /	0 /	0	0		0
LDC	Busine	ness Save on Energy Retrofit Program			2016	Adjustment						1,441,024	1,441,024	1,442,702	1,442,702	1,442,626	1,431,947	1,431,947	1,431,947	1,427,527	1,427,527	1,406,583	1,109,582	574,882	574,882	70,062	980	980	980	980	980	0	0	0		0
LDC	Busine	ness Save on Energy Retrofit Program			2017	Adjustment							5,186,700	5,204,969	5,204,969	5,204,969	5,204,969	4,923,591	4,923,591	4,923,591	4,900,651	4,900,651	4,730,749	4,593,332	1,754,921	1,336,225	200,395	80,268	80,268	80,268	80,268	80,268	0	0		0
LDC	Busine	ness Save on Energy Retrofit Program			2018	Adjustment								63,957,978	64,183,256	64,183,256	64,183,256	64,183,256	60,713,534	60,713,534	60,713,534	60,430,659	60,430,659	58,335,570	56,641,066	21,640,196	16,477,185	2,471,102	989,794	989,794	989,794	989,794	989,794	0	-	0
		ness Save on Energy Retrofit Program			2019	Adjustment									39,759,874	39,899,920	39,899,920	39,899,920	39,899,920	37,742,945	37,742,945	37,742,945	37,567,095	37,567,095	36,264,669	35,211,270	13,452,762	10,243,144	1,536,176	615,312	615,312	615,312	615,312	615,312		0
	Busine				2015	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		0
LDC	Busine	ness Save on Energy Retrofit Program			2016	Adjustment					0	140,654	140,654	140,817	140,817	140,810	139,768	139,768	139,768	139,336	139,336	137,292	108,303	56,112	56,112	6,839	96	96	96	96	96	0	0	0	-	0
LDC	Busine	ness Save on Energy Retrofit Program			2017	Adjustment					0	0	467.722	469,369	469,369	469,369	469,369	443,995	443.995	443,995	441.926	441.926	426,605	414.213	158.254	120.497	18.071	7.238	7.238	7.238	7.238	7.238	0	0		0
LDC	Busine	ness Save on Energy Retrofit Program			2018	Adjustment					0	0	0	8,187,557	8,216,396	8,216,396	8,216,396	8,216,396	7,772,221	7,772,221	7,772,221	7,736,009	7,736,009	7,467,807	7,250,885	2,770,262	2,109,321	316,337	126,708	126,708	126,708	126,708	126,708	0	-	0
LDC	Busine	ness Save on Energy Retrofit Program			2019	Adjustment					0	0	0	0	22.984.702	23,065,661	23.065.661	23.065.661	23.065.661	21.818.740	21,818,740	21.818.740	21.717.083	21.717.083	20.964.166	20.355.209	7.776.879	5.921.438	888.045	355,704	355,704	355,704	355.704	355,704		0
		ness Business Refrigeration Local Program			2019						0	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	Consur	umer Save on Energy New Construction Program			2019	Adjustment					0	0	0	0	29.179	29.179	29.179	29,179	29,179	29.179	29.179	29.179	29.179	29,179	28.402	28.402	28.402	28.402	28.402	22.015	9,389	9.387	9.387	9.387	9,383	9.383
LDC		ness OPsaver Program			2019	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		0
		umer Adaptive Thermostat Rebate Program			2019	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		0
LDC	Busine	ness PUMPsaver Local Program			2019	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	-	0
		ness RTUsaver Program			2019	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	-	0
		ness Save on Energy Small Business Lighting Program			2019	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		0
LDC	Consur				2019	Adjustment					0	0	0	0	2.685	2.685	2.685	2,685	2.685	2.685	2.685	2.685	2.685	2.685	0	0	0	0	0	0	0	0	0	0	-	0
LDC		ness Save on Energy High Performance New Construction Program			2019	Adjustment					0	0	0	0	928.948	928.948	928.948	928.948	928.948	928.948	928.948	928.948	928,948	928.948	928.948	928.948	928.948	928.948	928.948	793.927	718.205	718.205	718.205	718.205	718.205	718.205
	Busine	ness Save on Energy Existing Building Commissioning Program			2019	Adjustment					0	0	0	0	37,421		37,421	37,421	37,421	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
LDC	Busine				2018	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		0
LDC		ness PUMPsaver Local Program			2018	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		0
		umer Save on Energy New Construction Program			2018	Adjustment					0	0	0	695,511	695,511	695,511	695,511	695,511	695,511	695,511	695,511	695,511	695,511	676,999	676,999	676,999	676,999	676,999	524,745	223,789	223,742	223,742	223,742	223,648	223,648	223,648
	_	ness Save on Energy Existing Building Commissioning Program			2018	Adjustment					0	0	0	46,955	46,955	46,955	46,955	46,955	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
		umer Swimming Pool Efficiency Program			2018	Adjustment					0	0	0	6,219	.,		6,219	6,219	6,219	6,219	6,219	6,219	6,219	0	0	0	0	0	0	0	0	0	0	0		0
		ness Save on Energy High Performance New Construction Program			2018	Adjustment					0	0	0	853,929		853.929	853.929	853,929	853.929	853.929	853.929	853,929	853,929	853.929	853.929	853.929	853.929	853,929	729.812	660.205	660.205	660.205	660.205	660.205	660.205	660.205
LDC		umer Pool Saver Local Program			2017	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		0
LDC		ness Save on Energy High Performance New Construction Program			2017	Adjustment					0	0	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	68.487	58.532	52.950	52.950	52.950	52.950	52.950	52.950	52.950	52.950
		ness Save on Energy Existing Building Commissioning Program			2017	Adjustment					0	0	98,486				98.486	0	0	0	0	0		0	0		0	0	0	0	0	0	0	0		0
	Busine				2017	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
		ness Save on Energy Existing Building Commissioning Program			2016	Adjustment					0	94,764	94,764	94,764	94,764	94.764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	Busine				2016	Adjustment					Ö	34,704	0	0	34,704	34,704	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	-	0	0		
		ness Save on Energy Existing Building Commissioning Program			2015	Adjustment					193 232	193 232	193 232	193,232	193,232	193.232	193.232	193,232	193.232	193 232	193 232	193 232	193 232	193 232	193 232	193 232	193 232	193 232	193 232	193 232	193.232	193,232	193.232	193.232	193.232	193 232
LUC	Pasilie	save on Linesty Exercise community F108/4811			2013	Adjustment					193,232	193,232	195,232	193,232	193,232	193,232	223,232	133,232	193,232	193,232	133,232	133,232	1/3,232	173,232	133,232	133,232	133,232	173,232	1,73,232	2,3,232	2,3,232	233,232	173,232	±33,£3£	133,232	155,232



LRAMVA Work Form: Documentation for Streetlighting Projects

Version 5.0 (2021)

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: Name of Muncipality

Summary of Project #1

	Actual lost	revenue base	d on kW billing	
Month	Billed amount (kW)	Gross kW reduction		Net kW reduction
	а	b	С	b * c
Jan 20xx	0.00			
Feb 20xx	0.00	0.00		0
Mar 20xx				
Apr 20xx				
May 20xx				
June 20xx				
Jul 20xx				
Aug 20xx				
Sep 20xx				
Oct 20xx				
Nov 20xx				
Dec 20xx				
Total				0
Persistence i	in 20XX			
Persistence i	in 20XX			
Persistence i	in 20XX			
Persistence i	in 20XX			

Details of Project #1 (Month, Year)

Pre-conversion billing demand

Fixture type	Billing Wattage (kW)		Billed amount (kW)
	d	е	d * e
			0
Total			0.00

Post-conversion billing demand

Fixture type	Billing Wattage (kW) d ₁	Quantity e 1	Billed amount (kW) d ₁ *e ₁
			0
Total			0.00

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M&V Report

1st Annual Report

November 20, 2018 - November 19, 2019

Toronto Hydro-Electric System Limited EB-2020-0057 Tab 4 Schedule 1 Appendix D ORIGINAL (8 pages)

4T Vacuum System Upgrade

Project ID: Toronto-PROJECT-601906

December 24, 2019

Revision 0

Prepared for:

Toronto Hydro-Electric System Limited (the LDC)

Prepared by:

CLEAResult Canada Inc. 393 University Avenue, Suite 1622 Toronto, ON, M5G 1E6 416-504-3400

Prepared per Program Rules in 'saveONenergy Process & Systems Upgrades Program, FINAL v2.0', April 6, 2018.

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Please note:

Capitalized terms used in this document have the meaning given to them either in the Save on Energy Process and Systems Upgrade Program Rules, or the IPMVP Core Concepts + Statistics and Uncertainty dated June 2014, as applicable.

IPMVP defined terms:

Adjusted Baseline Energy, Avoided Energy Use, Baseline Energy, Baseline Period, Confidence Level, Interactive Effects, M&V, Measurement Boundary, Non-Routine Adjustments, Precision, Reporting Period, Reporting Period Energy, Savings, Static Factors, Uncertainty.

Toronto-PROJECT-601906 ii CLEAResult

Revision History

Date	Name/Description	Revision	Author
December 24, 2019	M&V Report first issuance.	0	

Approvals

Name	Title	Signature	Date
	Engineering Manager		December 24, 2019

Toronto-PROJECT-601906 iii CLEAResult

1. Executive Summary

The Electricity Savings for the M&V Reporting Period of November 20, 2018, to November 19, 2019, are 890 MWh, which represent 122% of the Anticipated Electricity Savings.

For the Incentive payment calculation, the Electricity Savings are capped at 120% of the Anticipated Electricity Savings. The Incentive payable to the Participant for the 1st Annual Reporting Period is \$90,978, pending the issuance of the Master Payment Requisition.

2. Project Overview

2.1. Baseline Energy and Anticipated Electricity Savings

The annual Baseline Energy and the Anticipated Electricity Savings are obtained from the M&V Plan, revision 1, dated December 4, 2018, and are presented in Table 1.

Table 1. Annual Baseline Energy and Anticipated Electricity Savings

Description	Value	Unit
Baseline Energy	1,807	MWh/year
Anticipated Electricity Savings	731	MWh/year

This M&V Report assesses the actual Electricity Savings based on raw data provided by the Participant and the methodology described in the M&V Plan.

The M&V Report calculates the actual Electricity Savings divided by the Anticipated Electricity Savings, to verify whether the Project has achieved the Anticipated Electricity Savings.

2.2. In-Service Date and Previous Reporting Periods

The In-Service Date is November 20, 2018, which was established on December 18, 2018.

The 1st Quarterly Reporting Period is from November 20, 2018, to February 19, 2019, representing 92 days (2,208 hours).

2.3. Current Reporting Period

The 1st Annual Reporting Period is from November 20, 2018, to November 19, 2019, representing 365 days (8,760 hours).

Toronto-PROJECT-601906 4 CLEAResult

3. Reporting Period Energy

3.1. Raw Data

(the LDC representative) provided the raw process data to the CMVP for analysis. The raw data includes hourly pump 473 power, operational status of the 4T vacuum system (on/off), and operational data for pump 474.

Table 2 presents an overview of the data related to the duration of the Reporting Period and equipment hours of operation.

Value Unit **Comments Description** November 20, 2018 Reporting Period Start 0:00 November 19, 2019 Reporting Period End 23:59 Reporting Period Duration 8,760 hours Hours when pump 473 power is available. Available Data 8,697 hours Corresponds to 99.3% of the Reporting Period Duration. Hours when pump 473 power is greater than 1 kW. Corresponds to 97.5% of the Hours of Operation 8,482 hours Available Data hours.

Table 2. Reporting Period Hours and missing data

3.2. Reporting Period Energy

This is an IPMVP Option B methodology of calculating the Electricity Savings.

The Reporting Period Energy is itemized in Table 3 below. Note that the 63 hours of missing pump 473 power are conservatively assumed as not operational, meaning no Electricity Savings during those hours.

Description	Value	Unit	Comments
Pump 473 Average Power	115.3	kW	Average operational power (when power is greater than 1 kW).
Pump 474 Average Power	0	kW	Not operational during Reporting Period.
Reporting Period Energy	978	MWh	Total pump power (115.3 kW + 0 kW) × Reporting Period hours of operation (8,482 hours)

Table 3. Reporting Period Energy

Toronto-PROJECT-601906 5 CLEAResult

4. Electricity Savings

4.1. Adjusted Baseline Energy

The Adjusted Baseline Energy is calculated using pump 473 hours of operation. System (4T stock on/off) hours of operation, as defined in the M&V Plan, section B.5.2, underestimate the hours of operation because the pumps take time to shut down following a 'stock off condition. The Adjusted Baseline Energy is 1,869 MWh, calculated as shown in Table 4.

Table 4. Adjusted Baseline Energy Calculation

Description	Value	Unit	Comments
Pump 473 Baseline Average Power	145.8	kW	From the M&V Plan.
Pump 474 Baseline Average Power	74.5	kW	From the M&V Plan.
Adjusted Baseline Energy	1,869	MWh	Total Baseline pump power (145.8 kW + 74.5 kW) × Reporting Period hours of operation (8,482 hours).

4.2. Results

The Electricity Savings are calculated according to the following equation:

Electricity Savings = Adjusted Baseline Energy – Reporting Period Energy \pm Non-Routine Adjustments

Since there has been no change in the Static Factors as defined in the M&V Plan Section B.5.3, Non-Routine Adjustments are not required for this Reporting Period. The Electricity Savings results are presented in Table 5.

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Table 5. Calculation of Electricity Savings

Description	Value	Unit	Comment
Adjusted Baseline Energy	1,869	MWh	From Table 4.
Reporting Period Energy	978	MWh	From Table 3.
Non-Routine Adjustments	0	MWh	None.
Electricity Savings	890	MWh	Adjusted Baseline Energy – Reporting Period Energy ± Non-Routine Adjustments.
Electricity Savings Uncertainty	± 5.9%		Calculated using Adjusted Baseline Energy uncertainty (± 2.5%) and Reporting Period Energy uncertainty (± 2.5%), obtained from the M&V Plan.
Anticipated Electricity Savings	731	MWh	From Table 1.
Electricity Savings as a Percentage of Anticipated Electricity Savings	122%		This ratio is capped at 120% for the Incentive payment calculation.
Average Demand Savings	102	kW	Electricity Savings ÷ Reporting Period duration.
Reporting Period Peak Demand	95	kW	Average demand during the summer Peak Demand Period, defined as weekdays, 1pm – 7pm, June 1 – August 31.
Baseline Peak Demand	206	kW	From the M&V Plan.
Summer Peak Demand Savings	111	kW	Reporting Period Peak Demand - Baseline Peak Demand.

4.3. Incentive Payment

The 1st Annual Reporting Period Incentive is outlined in Table 6. CLEAResult has received the Invoice Reconciliation Form and the invoices.

Table 6. Incentive Payments for Deferred Payment

Deferred Payment Schedule	Description	Amount
Payment 1	50% of Participant Incentive. The first payment towards the Participant Incentive is calculated based on Electricity Savings in the first quarterly M&V Report.	\$84,462.00 (Paid)
Final Payment (Holdback) The balance payment is the difference between the actual Participant Incentive, calculated on the basis of the first annual M&V Report, and the total payments made to date.		\$90,978.00

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4.4. Conclusion

The Electricity Savings are 890 MWh and represent 122% of the Anticipated Electricity Savings for the Reporting Period.

One reason for the overperformance is that the pumps take time to shut off even after the 4T equipment has cycled off. This resulted in increased hours of operation, and correspondingly increased Electricity Savings. More significantly, however, pump 473 operated at a lower than anticipated average power, particularly in the second half of the Reporting Period.

4.5. Electricity Savings to Date

The Electricity Savings to date are presented in Table 7.

Table 7. Electricity Savings to Date

Donouting		Electricity Savings					
Reporting Period	Start and End Dates	MWh	% of Contract Savings Value ¹	Cost Savings (\$) ²	Incentive Payment (\$)		
1 st Quarterly	Nov. 20, 2018 to Feb. 19, 2019	213	116%	\$11,300	\$84,462		
1 st Annual	Nov. 20, 2018 to Nov. 19, 2019	890	122%	\$47,300	\$90,978		

Toronto-PROJECT-601906

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¹ Percent of Anticipated Electricity Savings defined in the M&V Plan.

² Based on the Electricity Billing Rate of \$53.14/MWh obtained from the Project Review.

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Toronto Hydro-Electric System Limited EB-2020-0057 Tab 4 Schedule 1 Appendix E ORIGINAL (7 pages)

Measurement & Verification Report 1st Annual September 1, 2018 to August 31, 2019

Deep Lake Cooling Upgrade

Friday, February 21, 2020

PROJECT ID: Toronto-SCP-601461

PREPARED FOR:

Toronto Hydro-Electric System Limited 14 Carlton Street, Toronto ON M5B 1K5

PREPARED BY:

CLEAResult Suite 1622, 393 University Ave Toronto, Ontario M5G 1E6 (416) 504-3400

Prepared per Program Rules version "saveONenergy Process & Systems Upgrades Program, FINAL v1.1 June 8, 2016"

•

Revision History

Date (MM/DD/YYYY)	Name/Description	Revision	Author
2/21/2020	First Issuance	0	

Reviewed by:

Name:				
Signature:		Date:	2/21/2020	

1. Executive Summary

The Electricity Savings for the 1st Annual Reporting Period of September 1, 2018 to August 31, 2019, are 2,217 MWh, which represents 104% of the Anticipated Electricity Savings.

The Electricity Savings meet the 80% performance threshold required by the Program Rules.

2. Project Overview

2.1. BASELINE ENERGY AND ANTICIPATED ELECTRICITY SAVINGS

The Baseline Energy and the Anticipated Electricity Savings are obtained from the M&V Plan, Rev. 2 dated May 12, 2017, and are presented in Table 1.

Table 1. Baseline Energy and Anticipated Electricity Savings from the M&V Plan

Description	Value	Unit
Baseline Energy	3,626	MWh/year
Anticipated Annual Electricity Savings	2,137	MWh/year

This M&V Report assesses the actual Electricity Savings based on raw data provided by the Participant and the methodology described in the M&V Plan. This is an IPMVP Option B methodology of calculating the Electricity Savings.

This M&V Report calculates the actual Electricity Savings divided by the Anticipated Electricity Savings, to verify whether the Project has achieved the required 80% of the Anticipated Electricity Savings.

2.2. IN-SERVICE DATE AND PREVIOUS REPORTING PERIOD

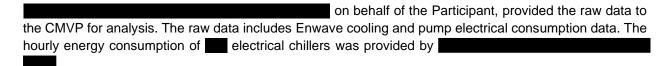
The In-Service Date is September 1, 2018, which was established on September 27, 2018.

The 1st Quarterly M&V Report covered the period of September 1 to November 30, 2018.

2.3. CURRENT REPORTING PERIOD

The 1st Annual Reporting Period is from September 1, 2018 to August 31, 2019, which represents 365 days (8,760 hours).

3. Reporting Period Energy



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Table 2 presents an overview of the data analysis related to the Reporting Period Energy and hours of operation.

Table 2. Reporting Period Hours, Duration, and Hours of Operation

Description	Value	Unit	Comments
Reporting Period Start	September 1, 2018, 00:00		Start date of the Reporting Period.
Reporting Period End	August 31, 2019, 23:59		This is the end date of the Reporting Period
Reporting Period Duration	8,760	hours	End date minus start date
Available Data of Enwave cooling and pump electrical consumption	8,760	hours	
Available Data of electrical chillers	8,014	hours	All chillers have 746 hours of missing electricity data, except for Chiller 304A/B which has 6,576 hours of missing data. However, the hourly supplied cooling loads of all chillers are continuously available. Chiller 304A/B operates when there is an extra demand which is not the case for majority of Reporting Period. Therefore, the missing data of this chiller most likely is due chiller shutdown.
Missing Data	746	hours	The missing electricity data of the electrical chillers are replaced with the calculated electrical power obtained from supplied cooling loads. An average conversion factor of 0.589 kW/TR is used to convert the thermal energy to electrical energy. The conversion factor is calculated as per monthly average of electrical chiller consumption divided by the average monthly cooling tons that are provided in the Baseline Period.
Hours of Operation	8,760	hours	100% of the Reporting Period Duration

The Reporting Period Energy is shown is presented in Table 3.

Table 3. Reporting Period Energy

Description	Value	Unit	Comment
Reporting Period Energy	1,224	MWh	Sum of energy of the chiller + chiller pump + chiller fan + EnWave pumps + EnWave chiller
Reporting Period Uncertainty	± 4.3	%	The Uncertainty is mostly due to the accuracy of the meters, along with the use of an average efficiency for the chillers.
Reporting Period Average Demand	139	kW	1,224 MWh / 8,760 hours × 1000
Reporting Period Summer Peak Demand	207	kW	Average hourly electricity demand (kW) during the summer peak period (weekdays, 1pm – 7pm, June 1 – August 31).

4. Electricity Savings

4.1. ADJUSTED BASELINE ENERGY CALCULATION

As defined in the M&V Plan, the Baseline Energy was adjusted to operating conditions of the Reporting Period using outdoor air temperature as the independent variable. The Adjusted Baseline Energy is shown in Table 4.

Table 4. Adjusted Baseline Energy

Description	Value	Unit	Comment
Reporting Period Hours of Operation	8,760	hours	
Adjusted Baseline Energy	3,441	MWh	Using the Baseline Adjustment equation as per the M&V Plan.
Baseline Peak Demand	592	kW	Obtained from the M&V Plan

4.2. RESULTS

The Electricity Savings are calculated according to the following formula:

Electricity Savings = Adjusted Baseline Energy - Reporting Period Energy \pm Non-Routine Adjustment

Since there has been no change in the Static Factors as defined in the M&V Plan Section B.5.2, Non-Routine Adjustments are not required for this Reporting Period. The Reporting Period Energy, Adjusted Baseline Energy, and the Electricity Savings are presented in Table 5.

Table 5. Calculation of Electricity Savings

Description	Value	Unit	Comment
Adjusted Baseline Energy	3,441	MWh	From Table 6.
Reporting Period Energy	1,224	MWh	From Table 3.
Non-Routine Adjustment	0	MWh	None.
Electricity Savings	2,217	MWh	
Uncertainty of the Electricity Savings	± 15	%	The Uncertainty is a combination of the accuracy of the Baseline meters, the coefficient of variance for the Baseline data, the baseline adjustment equation and the Reporting Period power meters accuracy.
Anticipated Electricity Savings	2,137	MWh	From Table 1.
Electricity Savings as a Percentage of Anticipated Electricity Savings	104	%	
Summer Peak Demand Savings	384	kW	Baseline Peak Demand – Reporting Period Peak Demand

4.3. CONCLUSION

The 1st Annual Electricity Savings are 2,217 MWh and represent 104% of the Anticipated Electricity Savings.

The main reason for the slight overperformance is a minor change in the cooling demand from compared to the Baseline Period.

4.4. NEXT REPORTING PERIOD AND NEXT STEPS

This is the final M&V Report, as the M&V Reporting Period is one year.

4.5. ELECTRICTY SAVINGS TO DATE

The Electricity Savings to date are presented in Table 6.

Table 6. Electricity Savings to Date

Reporting Period		Electricity Savings			
	Start and End Dates	MWh	% of Anticipated Savings Value ¹	Cost Savings (\$) ²	
1 st Quarterly	Sep. 1 to Nov. 30, 2018	507	136%	\$63,400	
1 st Annual	Sep. 1, 2018 to Aug. 31, 2019	2,217	104%	\$277,000	

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¹ Percent of Anticipated Electricity Savings defined in the M&V Plan

² Based on \$125/MWh obtained from the Project Review

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M&V Report

1st Annual Report June 2, 2018 to June 1, 2019 Toronto Hydro-Electric System Limited EB-2020-0057 Tab 4 Schedule 1 Appendix F ORIGINAL (7 pages)

Cogeneration System

Project: Toronto-SCP-601491

July 08, 2019

Revision 0

Prepared for:

Toronto Hydro-Electric System Limited (the LDC)

Prepared by:

CLEAResult

Suite 1622, 393 University Ave.

Toronto, ON M5G 1E6

(416) 504-3400

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Toronto-SCP-601491 2 CLEAResult

Revision History

Date	Name/Description	Revision	Author
July 8, 2019	Y1 M&V Report issuance	0	

Approvals

Name	Title	Signature	Date
	Engineering Manager		July 5, 2019

Toronto-SCP-601491 3 CLEAResult

1. Executive Summary

The Electricity Savings calculated for the 1st Annual Reporting Period of June 2, 2018 to June 1, 2019 are 466 MWh, which represent 98% of the Anticipated Electricity Savings.

The Electricity Savings meet the 80% performance threshold required by the Program Rules.

2. Project Overview

2.1. Baseline Energy & Anticipated Electricity Savings

The Baseline Energy and the Anticipated Electricity Savings are obtained from the M&V Plan Revision 1 dated May 24, 2017, and are presented in Table 1.

Table 1. Baseline Energy and Anticipated Electricity Savings from the M&V Plan

Description	Value	Unit
Baseline Energy	0	MWh/year
Anticipated Electricity Savings	475	MWh/year

This M&V Report assesses the actual Electricity Savings based on raw data provided and the methodology described in the M&V Plan. This is an IPMVP Option B methodology of calculating the Electricity Savings.

This M&V Report calculates the actual Electricity Savings divided by the Anticipated Electricity Savings, to verify whether the Project has achieved the required 80% of the Anticipated Electricity Savings.

2.2. In-Service Date and Previous Reporting Period

The In-Service Date of June 2, 2018 was established on June 26, 2018.

2.3. Current Reporting Period

The 1st Annual Reporting Period is from June 2, 2018 to June 1, 2019. This Reporting Period represents 365 days (8,760 hours).

3. Reporting Period Energy

3.1. Raw Data

the Participant representative, provided the data of combined heat and power (CHP) system to the CMVP for analysis. The submitted metered data includes the hourly net CHP system electricity generation as well as the natural gas consumption.

Table 2 presents an overview of the data analysis related to the Reporting Period Energy, hours of operation and duration of the Reporting Period.

Toronto-SCP-601491 4 CLEAResult

Parameter Value Unit Comment Start Date of Reporting Period June 2, 2018, 00:00 End Date of Reporting Period June 1, 2019, 23:59 Reporting Period Duration 8,760 Hours System Hours of Operation 8,758 Hours 99.98% uptime Two subsequent hours did not have electricity generation and the 2 Shutdown of CHP System Hours associated natural gas consumption readings were zero. Data was provided for every hour of the 0 Missing Data Hours Reporting Period.

Table 2. Reporting Period Hours, Durations, and Hours of Operations

The CHP system was operational for 8,758 hours of the 8,760 hours of the Reporting Period, equivalent to 99.98% uptime.

3.2. Reporting Period Energy

The energy generation of the CHP for this Reporting Period is presented in Table 3.

Description Value Unit Comment Not Sum of the hourly interval gross energy generated by the CHP **CHP Gross Electricity** MWh Available system. Not Sum of the hourly interval auxiliary energy consumption by the MWh **Auxiliary Loads** Available CHP system. MWh Reporting Period Energy 466 CHP Net Electricity Generation. Uncertainty of the Reporting ± 2.0% The uncertainty is due to the accuracy of the electric meters. Period Energy

Table 3. Reporting Period Energy

4. Electricity Savings

4.1. Results

The Electricity Savings are calculated according to the following formula:

Electricity Reporting Non-Routine Savings = Period
$$\pm$$
 Adjustments (MWh) Energy (MWh) (MWh)

Toronto-SCP-601491 5 CLEAResult

Since there has been no change in the Static Factors as defined in the M&V Plan Section B.5.1, Non-Routine Adjustments are not required for this Reporting Period.

The Reporting Period Energy and Electricity Savings are presented in Table 4.

Table 4. Calculation of Electricity Savings

Parameter	Value	Unit	Comment
Baseline Energy	0	MWh	Baseline Energy is nil, due to no generation in the Baseline Period.
Reporting Period Energy	466	MWh	From Table 3.
Non-Routine Adjustment	0	MWh	None.
Electricity Savings	466	MWh	Equal to the Reporting Period Energy.
Uncertainty of the Electricity Savings	± 2.0%	-	The uncertainty is due to the accuracy of the electric meters.
Anticipated Electricity Savings	475	MWh	From Table 1.
Electricity Savings as a Percentage of Anticipated Electricity Savings	98%	-	This value meets the 80% performance threshold required by the Program Rules.
Average Demand Savings	53	kW	Electricity Savings divided by Reporting Period duration: 466 MWh / 8,760 h
Summer Peak Demand Savings	47	kW	Summer peak demand savings, weekdays, 1pm – 7pm, June 1 – August 31.

4.2. Conclusion

The Electricity Savings are 466 MWh or 98% of the Anticipated Electricity Savings for the Reporting Period. The Electricity Savings meet the performance threshold of the Program.

4.3. Next Steps

This is the final M&V Report, as the M&V Reporting Period is one year in duration and this Project is a Small Capital Project. No additional M&V data will be required.

4.4. Electricity Savings to Date

The Electricity Savings to date are provided in Table 5.

Toronto-SCP-601491 6 CLEAResult

Table 5. Electricity Savings to Date

Donorting	and the co		Electricity Savin	ıgs
Reporting Period	Start and End Dates	MWh	% of Contracted Electricity Saving	Cost Savings (\$) ¹
1 st Quarterly	June 2 to September 1, 2018	104	87%	\$17,100
1 st Annual	June 2, 2018 to June 1, 2019	466	98%	\$76,900

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¹ Based on Electricity Billing Rate of \$165/MWh, obtained from the Project Application Review.

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M&V Report

1st Annual M&V Report

February 7, 2019 to February 6, 2020

Toronto Hydro-Electric System Limited EB-2020-0057 Tab 4 Schedule 1 Appendix G ORIGINAL (7 pages)

Cogeneration System

Project ID: Toronto-SCP-601583

March 26, 2020

Revision 0

Prepared for:

Toronto Hydro-Electric System Limited (the LDC)

Prepared by:

CLEAResult 393 University Ave, Suite 1622 Toronto, ON M5G 1E6 (416) 504-3400

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Revision History

Date	Description	Revision	Author
March 26, 2020	Initial M&V Report issuance.	0	

Approvals

Name	Title	Signature	Date
	Energy Engineer		March 26, 2020

1. Executive Summary

The Electricity Savings calculated for the 1st Annual Reporting Period of February 7, 2019, to February 6, 2020, are 1,958 MWh/year, which represents 96% of the Anticipated Electricity Savings.

The Electricity Savings meet the 80% performance threshold of the Program Rules.

The Total System Efficiency achieved for the 1st Annual Reporting Period is 70%, which meets the Program Rules requirement of 65%.

2. Project Overview

2.1. Baseline Energy and Anticipated Electricity Savings

The Baseline Energy and the Anticipated Electricity Savings are obtained from the M&V Plan Rev. 3, dated March 28, 2018, and are presented in Table 1.

This is an electricity generation Project, and therefore the Baseline Energy is 0 MWh/year.

Table 1. Baseline Energy and Anticipated Electricity Savings

Description	Value	Unit
Baseline Energy	0	MWh/year
Anticipated Electricity Savings	2,049	MWh/year

This M&V Report assesses the actual Electricity Savings based on raw data provided by the Participant and the methodology described in the M&V Plan. The M&V Report calculates the actual Electricity Savings divided by the Anticipated Electricity Savings, to verify whether the Project has achieved the required 80% of the Anticipated Electricity Savings.

2.2. In-Service Date and Previous Reporting Periods

The In-Service Date of February 7, 2019, was established on February 27, 2019.

The 1st Quarterly Reporting Period was from February 7, 2019, to May 6, 2019.

2.3. Current Reporting Period

The 1st Annual Reporting Period is from February 7, 2019, to February 6, 2020, which represents 365 days (8,760 hours).

3. Reporting Period Energy

3.1. Results

the LDC representative, provided the raw data to the CMVP for analysis. Data was provided on an hourly basis for the duration of the Reporting Period, for net electrical energy generation of each of four microturbines, total fuel consumption, and recovered thermal energy utilized by the Facility.

The IPMVP Option B methodology is used for calculating the Electricity Savings.

Table 2 presents an overview of the data analysis related to the duration of the Reporting Period, equipment hours of operation, and Reporting Period Energy.

Description Value Unit Comments Reporting Period Start Feb. 7, 2019 0:00 Reporting Period End Feb. 6, 2020 23:59 Reporting Period Duration 8,760 hours Available Data 8,759 hours 100% of the Reporting Period Duration. 1 0.01% of the Reporting Period Duration. Missing Data hours Hours of Operation 8,759 100% of the Reporting Period Duration. hours Reporting Period Energy 1,958 MWh Net energy generated by the CHP System.

Table 2. Reporting Period Hours, Durations and Energy

4. Total System Efficiency

4.1. Results

The Total System Efficiency (TSE) is calculated according to the following equation:

 $TSE(\%) = [CHP Gross Electrical Energy (MWh) + CHP Usable Thermal Output (MWh)] \div [Natural Gas Consumption (<math>m^3$) × Natural Gas HHV (MWh/m^3)]

The CHP system achieved a Total System Efficiency of 70%, which meets the Program Rules minimum requirement of 65%. The TSE calculation is presented in Table 3.

Table 3. Calculation of Total System Efficiency

Description	Value	Unit	Comments
Gross Electrical Energy	2,186	MWh	Calculated using 6.6 kW of auxiliary loads for each hour of operation, per microturbine.
Utilized Thermal Output	3,273	MWh	
Natural Gas Consumption	7,818	MWh	
Natural Gas HHV	10.722	kWh/m³	Derived from 0.0386 GJ/m3 value published by Enbridge.
Total System Efficiency	70%		Meets the 65% minimum threshold defined in the Program Rules.

5. Electricity Savings

5.1. Results

The Electricity Savings are calculated according to the following equation:

Electricity Savings = Reporting Period Energy – Baseline Energy \pm Non-Routine Adjustments

The Reporting Period Energy and the Electricity Savings are presented in Table 4.

Table 4. Calculation of Electricity Savings

Description	Value	Unit	Comments
Baseline Energy	0	MWh	Obtained from Table 1.
Reporting Period Energy	1,958	MWh	Obtained from Table 2.
Non-Routine Adjustment	0	MWh	None.
Electricity Savings	1,958	MWh	Reporting Period Energy - Baseline Energy.
Uncertainty of the Electricity Savings	± 2.5%		The Uncertainty is primarily due to the accuracy of the power meter readings.
Anticipated Electricity Savings	2,049	MWh	Obtained from Table 1.
Electricity Savings as a Percentage of Anticipated Electricity Savings	96%		Meets the 80% performance threshold.
Average Demand Savings	224	kW	Average net power output by the CHP system over the Reporting Period.
Peak Demand Savings	179	kW	Average net power output during the summer peak demand period, defined as Monday to Fridays, 1 pm to 7 pm, June 1 to August 31.

5.2. Conclusion

The Electricity Savings for the 1st Annual Reporting Period are 1,958 MWh which represent 96% of the Anticipated Electricity Savings, which meets the minimum threshold of 80% defined in the Program Rules. The Total System Efficiency is 70%, which meets the minimum threshold of 65% defined in the Program Rules.

The reason for the slight under-performance is the result of a lower average net power output of the CHP system (i.e., 224 kW) compared to what was anticipated as part of the M&V Plan (i.e., 235 kW). This is likely due to slight variations in the Facility electrical and thermal demand, particularly during the summer months.

5.3. Next Reporting Period and Next Steps

This is the final M&V Report, as the M&V Reporting Period is one year.

5.4. Electricity Savings to Date

The Electricity Savings to date are presented in Table 5.

Table 5. Electricity Savings to Date

		Electricity Savings		
Reporting Period	Start and End Dates	MWh	% of Contract Savings ¹	Cost Savings²
1 st Quarterly	Feb 7, 2019 – May 6, 2019	532	107%	\$79,300
1 st Annual	Feb 7, 2019 – Feb 6, 2020	1,958	96%	\$291,700

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¹ Percent of Anticipated Electricity Savings defined in the M&V Plan.

² Based on \$149/MWh obtained from the Application Review.

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M&V Report

1st Annual M&V Report July 18, 2018 to July 17, 2019 Toronto Hydro-Electric System Limited EB-2020-0057 Tab 4 Schedule 1 Appendix H ORIGINAL (7 pages)

Cogeneration System

Project ID: Toronto-SCP-601586

August 8, 2019

Prepared for:

Toronto Hydro-Electric System Limited (the LDC)

Prepared by:

CLEAResult

393 University Ave, Suite 1622

Toronto, ON M5G 1E6

(416) 504-3400

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Toronto-SCP-601586 ii CLEAResult

Revision History

Date	Name/Description	Revision	Author
August 8, 2019	Initial M&V Report issuance	0	

Approvals

Name	Title	Signature	Date
	Engineering Manager		August 7, 2019

Toronto-SCP-601586 iii CLEAResult

1. Executive Summary

The Electricity Savings calculated for the 1st Annual Reporting Period of July 18, 2018, to July 17, 2019, are 273 MWh which represent 94% of the Anticipated Electricity Savings.

The Electricity Savings meet the 80% performance threshold of the Program Rules.

2. Project Overview

2.1. Baseline Energy and Anticipated Electricity Savings

The Baseline Energy and the Anticipated Electricity Savings are obtained from the M&V Plan Rev. 0, dated May 11, 2017, and are presented in Table 1.

This is an electricity generation Project, and therefore the Baseline Energy is 0 MWh/year.

Table 1. Baseline Energy and Anticipated Electricity Savings

Description	Value	Unit
Baseline Energy	0	MWh/year
Anticipated Electricity Savings	292	MWh/year

This M&V Report assesses the actual Electricity Savings based on raw data provided by the Participant and the methodology described in the M&V Plan. The M&V Report calculates the actual Electricity Savings divided by the Anticipated Electricity Savings, to verify whether the Project has achieved the required 80% of the Anticipated Electricity Savings.

2.2. In-Service Date

The In-Service Date of July 18, 2018, was established on August 29, 2018. This date was conditional upon receipt of confirmation of the Environmental Activity and Sector Registration (EASR), which was issued on November 2, 2018.

2.3. Previous Reporting Periods

The 1st Quarterly Reporting Period was from July 18 to October 17, 2018, representing 92 days (2,208 hours).

2.4. Current Reporting Period

The 1st Annual Reporting Period is from July 18, 2018, to July 17, 2019, representing 365 days (8,760 hours).

Toronto-SCP-601586

3. Reporting Period Energy

3.1. Results

energy generation and natural gas consumption data was provided on an hourly basis for the duration of the M&V Period.

The IPMVP Option B methodology is used for calculating the Electricity Savings.

Table 2 presents an overview of the data analysis related to the duration of the Reporting Period, equipment hours of operation, and Reporting Period Energy.

Value Unit Comments Description Reporting Period Start July 18, 2018 0:00 Start date and time of the Reporting Period. Reporting Period End July 17, 2019 23:59 End date and time of the Reporting Period. Reporting Period End minus Reporting Reporting Period Duration 8,760 hours Period Start. Available Data 8,760 100% of the Reporting Period Duration. hours Missing Data hours 0% of the Reporting Period Duration. Hours of Operation 8,696 99.3% of the Reporting Period Duration. hours Reporting Period Energy 273 MWh Net energy generated by the CHP System.

Table 2. Reporting Period Hours, Durations and Energy

4. Electricity Savings

4.1. Results

The Reporting Period Energy and the Electricity Savings are presented in Table 3. The Electricity Savings are calculated according to the following equation:

Electricity Savings = Reporting Period Energy - Baseline Energy ± Non-Routine Adjustments

Toronto-SCP-601586 2 CLEAResult

Table 3. Calculation of Electricity Savings

Description	Value	Unit	Comment
Baseline Energy	0	MWh	Obtained from Table 1.
Reporting Period Energy	273	MWh	Obtained from Table 2.
Non-Routine Adjustment	0	MWh	None.
Electricity Savings	273	MWh	Reporting Period Energy minus the Baseline Energy.
Uncertainty of the Electricity Savings	± 2.0%		The Uncertainty is primarily due to the accuracy of the power meter readings.
Anticipated Electricity Savings	292	MWh	From the M&V Plan.
Electricity Savings as a Percentage of Anticipated Electricity Savings	94%		Meets the 80% performance threshold.
Average Demand Savings	31.2	kW	Electricity Savings divided by duration of the Reporting Period.
Peak Demand Savings	29.5	kW	Peak demand period, June to August, weekdays from 1 pm – 7 pm.

4.2. Conclusion

The Electricity Savings for the 1st Annual Reporting Period are 273 MWh, which represent 94% of the Anticipated Electricity Savings for the Reporting Period. The Electricity Savings meet the 80% performance threshold of the Program Rules.

The reason for the slight under-performance is that net generated power was lower than anticipated. The System ran almost continuously, with a 99.3% uptime that approached the anticipated average 99.7% uptime. However, the Reporting Period average net output power of 31.2 kW was below the anticipated average net output power of 33.6 kW. Lower average output power occurred most consistently during December 2018, as well as during September 2018 and June 2019, as shown in Figure 1.

Toronto-SCP-601586 3 CLEAResult

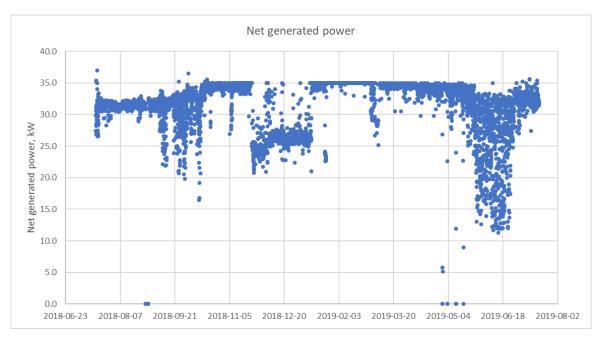


Figure 1. Reporting Period net generation

4.3. Electricity Savings to Date

The Electricity Savings to date are presented in Table 4.

Table 4. Electricity Savings to Date

		Е	Electricity Savings							
Reporting Period	Start and End Dates	MWh	% of Contract Savings ¹	Cost Savings²						
1 st Quarterly	July 18, 2018 - Oct. 17, 2018	67	94%	\$9,700						
1 st Annual	July 18, 2018 – July 17, 2019	273	94%	\$39,300						

Toronto-SCP-601586 4 CLEAResult

¹ Percent of Anticipated Electricity Savings defined in the M&V Plan.

 $^{^{\}rm 2}$ Based on \$144/MWh obtained from the Project Review.

Service Charge

Distribution Volumetric Rate

Line Losses on Cost of Power

TOU - Off Peak

TOU - Mid Peak

Energy - RPP - Tier 1

Energy - RPP - Tier 2 Non-RPP Retailer Avg. Price

Average IESO Wholesale Market Price

Total Bill on TOU (after Tax & Rebate)

Total Bill on TOU (before Taxes)

Ontario Electricity Rebate

TOU - On Peak

HST

Sub-Total A (excluding pass through)

Sub-Total B - Distribution (includes Sub-Total A)

Retail Transmission Rate - Network Service Rate

Sub-Total C - Delivery (including Sub-Total B)

Wholesale Market Service Rate - not including CBF

Rural and Remote Rate Protection Charge (RRRP)

Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020

Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021

Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020

Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021

Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021

Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021

Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021

Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021

Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020

Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024

Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020

Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024

Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021

Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024 Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021

Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021

Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021

Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022

Retail Transmission Rate - Line and Transformation Connection Service Rate

Capacity Based Recovery (CBR) - Applicable for Class B Customers

Standard Supply Service - Administrative Charge (if applicable)

Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022

Customer Class: RESIDENTIAL SERVICE

TOU / non-TOU: TOU

750 kWh • May 1 - October 31 O November 1 - April 30 (Select this radio button for applications 2021 Proposed 2020 Board-Approved Impact Rate Volume Charge Rate Volume Charge \$ Change Charge Unit % Change (\$) (\$) (\$) (\$) per 30 days 38.34 38.34 40.08 40.08 1.74 4.5% per 30 days 0.45 0.45 0.49 per 30 days 0.41 0.41 0.41 per 30 days 0.48 0.48 0.48 0.48 0.0% per 30 days 0.02 0.02 0.02 per 30 days 2.13 2.13 2.13 2.13 0.0% per 30 days 0.34 1 -\$ 0.34 0.34 0.34 0.0% per 30 days 0.01 0.01 0.01 0.10 0.10 0.10 per 30 days per 30 days 0.20 0.20 0.20 per 30 days 0.10 0.10 0.10 per 30 days 0.26 0.26 0.26 0.26 0.0% per kWh 750 S 750 Ś per kWh 750 0.00099 750 0.74 0.74 36.65 38.44 1.79 4.9% 0.1280 22 2.83 0.1280 22 2.83 0.0% per kWh 750 0.20 per kWh 0.00027 0.20 per kWh 0.00033 750 0.25 0.00033 750 0.25 0.0% 0.00009 750 0.07 0.07 per kWh -\$ -\$ per kWh -\$ 0.00002 750 0.02 0.00002 750 0.02 0.0% per kWh 0.00239 per kWh 0.00159 -Ś 0.00159 per 30 days 0.5600 0.0% 40.27 42.20 1.93 per kWh 0.00906 772 7.00 0.00821 772 6.34 0.66 -9.4% Ś 5.69 per kWh 0.00737 772 0.00662 772 5.11 0.58 -10.2% 52.96 53.65 0.69 1.3% per kWh 0.0030 772 2.32 0.0030 772 2.32 0.0% 0.000 772 0.39 0.0005 772 0.39 0.0% per kWh per kWh 0.0004 772 0.31 0.0004 772 0.31 0.0% 0.25 per 30 days 0.25 0.25 0.25 0.0% per kWh 0.1280 480 Ś 61.44 \$ 0.1280 480 61.44 0.0% per kWh 0.1280 135 17.28 0.1280 135 17.28 0.0% per kWh 0.1280 135 17.28 0.1280 135 17.28 0.0% 0.1190 600 per kWh 0.1190 600 71.40 71.40 0.0% per kWh 0.1390 150 20.85 Ś 0.1390 150 20.85 0.0% per kWh 0.1368 0.1368 per kWh 0.1368 0.1368 152.22 152.91 0.69 0.5% -31.8% -31.8% 48 41 48 63 0.22 0.5% 13% 19.79 13% 19.88 0.09 0.5% 123.60 0.56 0.5% 124.17

2.95% 2.95% Loss Factor (%)

Loss Factor (%)

Customer Class: RESIDENTIAL SERVICE

TOU / non-TOU: TOU

onsumption 650 kWh O May 1 - October 31

2.95%

2.95%

O November 1 - April 30 (Select this radio button for applications filed after Oct 31)

			2020 Board-Approved				2021 Proposed				Impact	
	Charge Unit		Rate	Volume	Charge	,	Rate	Volume	Charge		Change	% Change
			(\$)		(\$)		(\$)		(\$)	نال		
Service Charge	per 30 days	\$	38.34	1			\$ 40.08	1		\$	1.74	4.5%
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	per 30 days	\$	0.45	1		.45	\$ -	1		-\$	0.45	1
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	per 30 days	\$	0.41	1		- 11	\$ -	1		-\$	0.41	
Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022	per 30 days	\$	0.48	1		- 11	\$ 0.48	1		111 .	-	0.0%
Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024	per 30 days	\$	-	1		- 11	-\$ 0.02	1			0.02	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	per 30 days	-\$	2.13	1 -			-\$ 2.13	1		111 .	-	0.0%
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	per 30 days	-Ş	0.34	1 -	-\$ C		-\$ 0.34	1		\$		0.0%
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	per 30 days	\$	-	1	\$	- 11	-\$ 0.01	1		-\$	0.01	1
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	per 30 days	-Ş	0.10	1 -			\$ -	1		\$	0.10	ı
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	per 30 days	-\$	0.20	1 -	-\$ C	- 11	\$ -	1		\$	0.20	1
Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024	per 30 days	Ş	-	1	Ş		-\$ 0.10	1			0.10	ı
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	per 30 days	-\$	0.26	1		.26	-\$ 0.26		\$ 0.26	\$	-	0.0%
Distribution Volumetric Rate	per kWh				\$	- 11			\$ -	\$	-	1
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	per kWh			650	\$		\$ 0.00099	650	\$ 0.64	\$	0.64	·
Sub-Total A (excluding pass through)		_				.65			\$ 38.34		1.69	4.6%
Line Losses on Cost of Power	per kWh	Ş	0.1280	19		.45	\$ 0.1280		\$ 2.45	\$	-	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	per kWh				\$	- 11	\$ 0.00027		\$ 0.18	\$	0.18	1
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021	per kWh	\$	0.00033				\$ 0.00033	650		\$	-	0.0%
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kWh				\$	- 11	-\$ 0.00009	650		-\$	0.06	1
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kWh	-\$	0.00002				-\$ 0.00002	650		Ş	-	0.0%
Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh				\$		\$ 0.00239		\$ -	\$	-	1
Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh	-\$	0.00159		\$	- 11	-\$ 0.00159		\$ -	Ş	-	ı
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$	0.56	1		.56	\$ 0.56	1	\$ 0.56		-	0.0%
Sub-Total B - Distribution (includes Sub-Total A)		_			\$ 39				\$ 41.68		1.81	4.5%
Retail Transmission Rate - Network Service Rate	per kWh	\$	0.00906	669		.06	\$ 0.00821	669			0.57	-9.4%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$	0.00737	669		.93	\$ 0.00662	669	\$ 4.43		0.50	-10.2%
Sub-Total C - Delivery (including Sub-Total B)	Land		0.0000	550		.86	4 0.0000	550	\$ 51.60		0.74	1.5%
Wholesale Market Service Rate - not including CBR	per kWh	\$	0.0030	669		.01	\$ 0.0030		\$ 2.01 \$ 0.33	\$	-	0.0%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$	0.0005			.33	\$ 0.0005			\$	-	0.0%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh per 30 days	\$	0.0004 0.25	669			\$ 0.0004 \$ 0.25		\$ 0.27 \$ 0.25	\$	-	0.0%
Standard Supply Service - Administrative Charge (if applicable)		\$		1		- 11		- 1	7	\$	-	0.0%
TOU - Off Peak	per kWh	\$	0.1280		7		\$ 0.1280		\$ 53.25 \$ 14.98		-	0.0%
TOU - Mid Peak	per kWh per kWh	\$	0.1280 0.1280			.98 .98	\$ 0.1280 \$ 0.1280		\$ 14.98 \$ 14.98	111 .	-	0.0%
TOU - On Peak		-				11				1 5	-	
Energy - RPP - Tier 1	per kWh	\$	0.1190 0.1390		\$ 71 \$ 20	.40	\$ 0.1190 \$ 0.1390		\$ 71.40 \$ 20.85	115	-	0.0% 0.0%
Energy - RPP - Tier 2	per kWh	\$	0.1390		\$ 20		\$ 0.1390		\$ 20.85 \$ -	1 5	-	U.U%
Non-RPP Retailer Avg. Price	per kWh	\$		-	>	· []		-	\$ -	115	-	1
Average IESO Wholesale Market Price	per kWh	\$	0.1368	-	Þ		\$ 0.1368	-	> -	>	-	
Total Bill on TOU (before Taxes)	1				\$ 136	02			\$ 137.66	Πė	0.74	0.5%
Total Bill on TOU (petror Taxes) Ontario Electricity Rebate			-31.8%			.54	-31.8%		\$ 137.66 \$ 43.78	-\$	0.74	0.5%
Untario Electricity Rebate HST			13%			.80	13%		\$ 17.90	111 .	0.24	0.5%
Total Bill on TOU (after Tax & Rebate)			1376		\$ 111		1370		\$ 111.78	خ ا	0.10	0.5%
Total bill of two fatter tax a neware)					y 111	-10			y 111./0	۲	0.00	0.5%

RESIDENTIAL

Customer Class: COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE

TOU / non-TOU: TOU

Consumption 300 kWh May 1 - October 31 O November 1 - April 30 (Select this radio button for applications filed after Oct 31)

		2020 Board-Approved		2021 Proposed				lm	pact		
		R	tate	Volume	Charge	ПF	Rate	Volume	Charge		
	Charge Unit	((\$)		(\$)		(\$)		(\$)	\$ Change	% Change
Service Charge	per 30 days	\$	31.46	1	\$ 31.4	6	\$ 32.89	1 :	32.89	\$ 1.43	4.5%
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	per 30 days	\$	0.30	1	\$ 0.3	0 :	\$ -	1 :	5 -	-\$ 0.30	
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	per 30 days	\$	0.27	1	\$ 0.2	7 :	\$ -	1 3	-	-\$ 0.27	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	per 30 days	-\$	1.43	1	-\$ 1.4	3 -	\$ 1.43	1 -	1.43	\$ -	0.0%
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	per 30 days	-\$	0.23	1	-\$ 0.2	3 -	\$ 0.23	1 -	0.23	\$ -	0.0%
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	per 30 days	\$	-	1	\$ -	-:	\$ 0.01	1 -	0.01	-\$ 0.01	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	per 30 days	-\$	0.07	1	-\$ 0.0	7 :	\$ -	1 3	-	\$ 0.07	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	per 30 days	-\$	0.14	1	-\$ 0.1	4 :	\$ -	1 :	-	\$ 0.14	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	per 30 days	-\$	0.15	1	-\$ 0.1	.5 -:	\$ 0.15	1 -	0.15	\$ -	0.0%
Distribution Volumetric Rate	per kWh			300	\$ -			300	-	\$ -	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	per kWh			300	\$ -		\$ 0.00122	300	0.37	\$ 0.37	
Sub-Total A (excluding pass through)					\$ 30.0				31.44	\$ 1.43	4.8%
Line Losses on Cost of Power	per kWh	\$ 0	0.12800	9	\$ 1.1	.3	\$ 0.12800	9 :		\$ -	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	per kWh				\$ -		\$ 0.00025	300		\$ 0.08	
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021	per kWh	\$ 0	0.00025	300	\$ 0.0	8	\$ 0.00025	300	0.08	\$ -	0.0%
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kWh				\$ -	-/	\$ 0.00009	300 -	0.03	-\$ 0.03	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kWh	-\$ C	0.00002	300	-\$ 0.0	1 -	\$ 0.00002	300 -	0.01	\$ -	0.0%
Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh				\$ -		\$ 0.00239		5 -	\$ -	
Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh	-\$ C	0.00159		\$ -	-/	\$ 0.00159		-	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$	0.56	1	\$ 0.5	6	\$ 0.56	1 3	0.00	\$ -	0.0%
Sub-Total B - Distribution (includes Sub-Total A)					\$ 31.7				33.25	\$ 1.47	4.6%
Retail Transmission Rate - Network Service Rate	per kWh	\$ 0	0.00906	309	\$ 2.8	0 :	\$ 0.00821	309	2.54	-\$ 0.26	-9.4%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ 0	0.00737	309			\$ 0.00662	309		-\$ 0.23	-10.2%
Sub-Total C - Delivery (including Sub-Total B)					\$ 36.8				37.83	\$ 0.98	2.7%
Wholesale Market Service Rate - not including CBR	per kWh		0.0030	309			\$ 0.0030	309		\$ -	0.0%
Rural and Remote Rate Protection Charge (RRRP)	per kWh	\$	0.0005	309	\$ 0.1	.5	\$ 0.0005	309	0.15	\$ -	0.0%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$	0.0004	309	\$ 0.1	.2 :	\$ 0.0004	309	0.12	\$ -	0.0%
Standard Supply Service - Administrative Charge (if applicable)	per 30 days	\$	0.25	1	\$ 0.2			1 :		\$ -	0.0%
TOU - Off Peak	per kWh	\$	0.1280	192	\$ 24.5	8	\$ 0.1280	192	24.58	\$ -	0.0%
TOU - Mid Peak	per kWh		0.1280		\$ 6.9		\$ 0.1280	54		\$ -	0.0%
TOU - On Peak	per kWh	\$	0.1280	54	\$ 6.9	1 :	\$ 0.1280	54	6.91	\$ -	0.0%
Energy - RPP - Tier 1	per kWh	\$	0.1190	300	\$ 35.7	0 :	\$ 0.1190	300	35.70	\$ -	0.0%
Energy - RPP - Tier 2	per kWh	\$	0.1390	-	\$ -		\$ 0.1390	- :	-	\$ -	
Non-RPP Retailer Avg. Price	per kWh	\$	0.1368	-	\$ -		\$ 0.1368	- :	-	\$ -	
Average IESO Wholesale Market Price	per kWh	\$	0.1368	-	\$ -		\$ 0.1368	- 3	-	\$ -	
Total Bill on TOU (before Taxes)					\$ 76.7	0			77.68	\$ 0.98	1.3%
Ontario Electricity Rebate			-31.8%		-\$ 24.3	9	-31.8%	-		-\$ 0.31	1.3%
HST			13%		\$ 9.9	7	13%	:	10.10	\$ 0.13	1.3%
Total Bill on TOU (after Tax & Rebate)					\$ 62.2	8			63.08	\$ 0.80	1.3%

Loss Factor (%) 2.95%

Loss Factor (%)

Customer Class: GENERAL SERVICE LESS THAN 50 kW SERVICE

TOU / non-TOU: TOU

2,000 kWh O May 1 - October 31 November 1 - April 30 (Select this radio button for applications filed after Oct 31) Consumption 2020 Board-Approved 2021 Proposed Impact Rate Volume Charge Rate Volume Charge Charge Unit % Change (\$) (\$) (\$) Service Charge per 30 days 36.98 36.98 38.66 38.66 Ś 1.68 4.5% Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020 per kWh 0.00053 2,000 \$ 1.06 2,000 \$ 1.06 Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020 0.00048 2,000 0.96 2,000 per kWh 0.96 2,000 \$ Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022 2.000 \$ 0.36 0.00018 0.36 0.0% per kWh 0.00018 Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024 per 30 days 0.13 -\$ 0.13 0.13 2,000 -\$ 4.96 2,000 4.96 0.0% Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021 0.00248 0.00248 per kWh Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021 2,000 -\$ 0.80 0.00040 2,000 -\$ 0.80 Ś 0.0% per kWh 0.00040 Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024 per kWh 2,000 \$ 0.00002 2,000 -\$ 0.04 -\$ 0.04 2,000 -\$ 2,000 Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020 0.00012 0.24 0.24 per kWh 2.000 -\$ 2.000 \$ Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020 per kWh 0.00023 0.46 0.46 Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024 per kWh 2,000 \$ 0.00006 2,000 -\$ 0.12 0.12 Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 0.11 0.11 0.0% 0.11 0.11 per 30 days Ś Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 per kWh 0.00010 2 000 \$ 0.20 0.00010 2 000 \$ 0.20 0.0% Distribution Volumetric Rate per kWh 0.03421 2,000 \$ 68.42 0.03576 2,000 \$ 71.52 \$ 3.10 4.5% Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021 2,000 \$ 0.00185 2,000 3.70 ner kWh 3.70 101.63 Sub-Total A (excluding pass through) Ś 108.50 6.87 6.8% Line Losses on Cost of Power 0.1280 0.1280 59 per kWh 59 \$ 7.55 7.55 0.0% Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021 ner kWh 0.00029 2,000 \$ 0.58 0.58 Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021 per kWh 0.00038 2,000 \$ 0.76 0.00038 2,000 0.76 0.0% Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021 2,000 0.18 per kWh 0.00009 0.18 -\$ 0.00002 2.000 0.00002 2.000 0.04 Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021 per kWh -Ś 0.04 -Ś Ś 0.0% Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 per kWh 0.00239 Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 per kWh 0.00159 0.00159 Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022 0.56 0.56 0.56 per 30 days 0.56 0.0% Sub-Total B - Distribution (includes Sub-Total A) Ś 110.46 117.73 7.27 6.6% per kWh 0.00882 2059 0.00799 2059 Retail Transmission Rate - Network Service Rate 18.16 16.45 1.71 -9.4% 2059 Retail Transmission Rate - Line and Transformation Connection Service Rate per kWh 0.00659 2059 13 57 0.00592 12 19 1 38 -10.2% Sub-Total C - Delivery (including Sub-Total B) 142.19 146.37 4.18 2.9% 0.0030 2,059 0.0030 2,059 6.18 0.0% per kWh 6.18 Wholesale Market Service Charge (WMSC) 0.0005 2,059 \$ 1.03 0.0005 2,059 \$ 1.03 0.0% Rural and Remote Rate Protection (RRRP) per kWh Capacity Based Recovery (CBR) - Applicable for Class B Customers per kWh 0.0004 2,059 \$ 0.82 0.0004 2,059 0.82 0.0% Standard Supply Service Charge per 30 days 0.25 Ś 0.0% 0.25 0.25 0.25 TOU - Off Peak per kWh 0.1280 1,280 \$ 163.84 \$ 0.1280 1,280 \$ 163.84 \$ 0.0% TOU - Mid Peak 0.1280 360 46.08 0.1280 360 46.08 0.0% per kWh TOU - On Peak per kWh 0.1280 360 46.08 0.1280 360 46.08 0.0% Energy - RPP - Tier 1 per kWh 0.1190 600 \$ 71 40 0.1190 600 \$ 71 40 0.0% 0.1390 1,400 194.60 0.1390 1,400 194.60 0.0% Energy - RPP - Tier 2 per kWh \$ \$ 0.1368 0.1368 Non-RPP Retailer Avg. Price per kWh Ś Average IESO Wholesale Market Price per kWh 0.1368 0.1368 Total Bill on TOU (before Taxes) 406.47 410.65 4.18 1.0% **Ontario Electricity Rebate** -31.8% 129.26 -31.8% -\$ 130.59 1.0% 1.33 139 52.84 13% 53.38 0.54 1.0% Total Bill on TOU (after Tax & Rebate) 330.05 333.45 3.40 1.0% Total Bill on RPP (before Taxes) 416.47 420.65 4.18 1.0% **Ontario Electricity Rebate** -31.89 -\$ 132.44 -31.8% -\$ 133.77 1.33 1.0% 1.0% 139 54.14 13% 54.68 0.54 Total Bill on RPP (after Tax & Rebate) 338.17 341.57 3 40 1.0%

2.95%

2.95%

Customer Class: GENERAL SERVICE LESS THAN 50 kW SERVICE

TOU / non-TOU: TOU

Consumption 2,800 kWh O May 1 - October 31

O November 1 - April 30 (Select this radio button for applications filed after Oct 31)

			202	0 Board-Appro	ved		2021 Proposed		Impact			
		F	Rate	Volume	Charge		Rate	Volume	Cha	arge		
	Charge Unit		(\$)		(\$)		(\$)		(\$	\$)	\$ Change	% Change
Service Charge	per 30 days	\$	36.98	1	\$ 36	98	\$ 38.66	1	\$	38.66	\$ 1.68	4.5%
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	per kWh	\$ (0.00053	2,800	\$ 1	48	\$ -	2,800	\$	-	-\$ 1.48	
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	per kWh	\$ (0.00048	2,800	\$ 1	34	\$ -	2,800	\$	-	-\$ 1.34	
Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022	per kWh	\$ (0.00018	2,800	\$ 0	50	\$ 0.00018	2,800	\$	0.50	\$ -	0.0%
Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024	per 30 days	\$	-	1	\$	- 11-	\$ 0.13	1	-\$	0.13	-\$ 0.13	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	per kWh	-\$ (0.00248	2,800	-\$ 6	94 -	\$ 0.00248	2,800	-\$	6.94	\$ -	0.0%
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	per kWh	-\$ (0.00040	2,800	-\$ 1	12 -	\$ 0.00040	2,800	-\$	1.12	\$ -	0.0%
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	per kWh	\$	-	2,800	\$	- 11-	\$ 0.00002	2,800	-\$	0.06	-\$ 0.06	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	per kWh	-\$ (0.00012	2,800	-\$ 0	34	\$ -	2,800	\$	-	\$ 0.34	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	per kWh	-\$ (0.00023	2,800	-\$ 0	64	\$ -	2,800	\$	-	\$ 0.64	
Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024	per kWh	\$	-	2,800	\$	-	\$ 0.00006	2,800	-\$	0.17	-\$ 0.17	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	per 30 days	\$	0.11	1	\$ 0	11	\$ 0.11	1	\$	0.11	\$ -	0.0%
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	per kWh	\$ (0.00010	2,800	\$ 0	28	\$ 0.00010	2,800	\$	0.28	\$ -	0.0%
Distribution Volumetric Rate	per kWh	\$ (0.03421	2,800	\$ 95	79	\$ 0.03576	2,800	\$ 1	100.13	\$ 4.34	4.5%
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	per kWh			2,800	\$		\$ 0.00185	2,800	\$	5.18	\$ 5.18	
Sub-Total A (excluding pass through)					\$ 127	45			\$ 1	136.44	\$ 9.00	7.1%
Line Losses on Cost of Power	per kWh	\$ (0.12800	83	\$ 10	57	\$ 0.12800	83	\$	10.57	\$ -	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	per kWh						\$ 0.00029	2,800	\$	0.81	\$ 0.81	
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021	per kWh	\$ (0.00038	2,800	\$ 1	06	\$ 0.00038	2,800		1.06	\$ -	0.0%
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kWh					- 11-	\$ 0.00009	2,800	-\$	0.25	-\$ 0.25	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kWh	-\$ (0.00002	2,800	-\$ 0	06 -	\$ 0.00002	2,800	-\$	0.06	\$ -	0.0%
Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh						\$ 0.00239		\$	-	\$ -	
Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh	-\$ (0.00159		\$	- 11-	\$ 0.00159		\$	-	\$ -	
Rate Rider for Smart Metering Entity Charge - effective until Dec. 31, 2022	per 30 days	\$	0.56	1	\$ 0	56	\$ 0.56	1	\$	0.56	\$ -	0.0%
Sub-Total B - Distribution (includes Sub-Total A)					\$ 139	59			\$ 1	149.14	\$ 9.56	6.8%
Retail Transmission Rate - Network Service Rate	per kWh		0.00882	2,883	\$ 25	42	\$ 0.00799	2,883	\$	23.03	-\$ 2.39	-9.4%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kWh	\$ (0.00659	2,883	\$ 19		\$ 0.00592	2,883		17.06	-\$ 1.93	-10.2%
Sub-Total C - Delivery (including Sub-Total B)					\$ 184				_	189.24	\$ 5.23	2.8%
Wholesale Market Service Charge (WMSC)	per kWh	\$	0.0030	2,883		65	\$ 0.0030	2,883	\$	8.65	\$ -	0.0%
Rural and Remote Rate Protection (RRRP)	per kWh		0.0005	_,			\$ 0.0005	2,883	\$	1.44	\$ -	0.0%
Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh	\$	0.0004	,			\$ 0.0004	2,883	\$	1.15	\$ -	0.0%
Standard Supply Service Charge	per 30 days	\$	0.25			25	\$ 0.25	1		0.25	\$ -	0.0%
TOU - Off Peak	per kWh		0.1280	,	\$ 232		\$ 0.1280	1,820		232.96	\$ -	0.0%
TOU - Mid Peak	per kWh		0.1280		\$ 60		\$ 0.1280	476		60.93	\$ -	0.0%
TOU - On Peak	per kWh	\$	0.1280		\$ 64		\$ 0.1280	504		64.51	\$ -	0.0%
Energy - RPP - Tier 1	per kWh		0.1190		\$ 71		\$ 0.1190	600		71.40	\$ -	0.0%
Energy - RPP - Tier 2	per kWh		0.1390	2,200	\$ 305	- 11	\$ 0.1390	2,200		305.80	\$ -	0.0%
Non-RPP Retailer Avg. Price	per kWh		0.1368		\$		\$ 0.1368		\$	-	\$ -	
Average IESO Wholesale Market Price	per kWh	\$	0.1368		\$		\$ 0.1368		\$	~	\$ -	
		П										
Total Bill on TOU (before Taxes)			-31.8%		\$ 553 -\$ 176		21.00/			559.13 177.80	\$ 5.23 -\$ 1.66	0.9%
Ontario Electricity Rebate							-31.8%					0.9%
HST			13%				13%		7	72.69 454.02	\$ 0.68 \$ 4.25	0.9%
Total Bill on TOU (after Tax & Rebate)					\$ 449	//			\$ 4	454.02	\$ 4.25	0.9%
Total Bill on RPP (before Taxes)		П			\$ 572	70 II			Ś 5	577.93	\$ 5.23	0.9%
Total Bill on Ney (petrofe Taxes) Ontario Electricity Rebate			-31.8%		-\$ 182		-31.8%				-\$ 1.66	0.9%
Untario Electricity Redate HST			13%		-\$ 162 \$ 74	- 11	-31.8%			75.13	\$ 0.68	0.9%
Total Bill on RPP (after Tax & Rebate)			1370		\$ 465		1370			469.28	\$ 4.25	0.9%
Total billion in a factorio					÷ +03				٠	.03.20	y -7.23	0.5%

Loss Factor (%) 2.95% 2.95%

Customer Class: GENERAL SERVICE 50 TO 999 kW SERVICE

	Customer Class:	GENERAL SEI	VICE 30 TO	JJJ KW JEN	VICE					
	TOU / non-TOU:	non-TOU	SPOT Class	. R						
	100 / 11011-100:	11011-100	180	l kw						
			200	l						
		Consumption	79,000		- October 31	Noven	nber 1 - April 30 (Se	lect this radio butto	n for applications file	d after Oct 31)
		oonoumpuon		0 Board-Appro	ved		2021 Proposed	I	Im	pact
			Rate	Volume	Charge	Rate	Volume	Charge		
		Charge Unit	(\$)		(\$)	(\$)		(\$)	\$ Change	% Change
Service Charge		per 30 days	\$ 49.14	1	\$ 49.14	\$ 51.37	1	\$ 51.37	\$ 2.23	4.5%
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020		per kVA	\$ 0.0914	200	\$ 18.28	\$ -	200	\$ -	-\$ 18.28	
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020		per kVA	\$ 0.0827	200	\$ 16.54	\$ -	200	\$ -	-\$ 16.54	
Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024		per 30 days	\$ -	1	\$ -	-\$ 0.47	1	-\$ 0.47	-\$ 0.47	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021		per kVA	-\$ 0.4304	200	-\$ 86.08	-\$ 0.4304	200	-\$ 86.08	\$ -	0.0%
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021		per kVA	-\$ 0.0690	200	-\$ 13.80	-\$ 0.0690	200	-\$ 13.80	\$ -	0.0%
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024		per kVA	\$ -	200	\$ -	-\$ 0.0013		-\$ 0.26	-\$ 0.26	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020		per kVA	-\$ 0.0200	200	-\$ 4.00	\$ -	200	\$ -	\$ 4.00	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020		per kVA	-\$ 0.0407	200 200		\$ -	200 200	\$ - -\$ 13.98	\$ 8.14 -\$ 13.98	
Rate Rider for Disposition of Expansion Deposits - effective until December, 2024		per kVA	\$ -			-\$ 0.0699				
Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024		per kVA	\$ -	200	\$ - -\$ 0.21	-\$ 0.0005	200	-\$ 0.10 -\$ 0.21	-\$ 0.10 \$ -	0.0%
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021		per 30 days per kVA	-\$ 0.21000 -\$ 0.0189	200	-\$ 0.21 -\$ 3.78	-\$ 0.21 -\$ 0.0189	200	-\$ 0.21 -\$ 3.78	\$ -	0.0%
Nate Nuter for nectively of 2020 Poregone Revenue - effective until becember 51, 2021 Distribution Volumetric Rate		per kVA	\$ 7.8922	200	\$ 1,578.44	\$ 8.2497	200	\$ 1,649.94	\$ 71.50	4.5%
Distribution Voluments nate Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021		per kVA	ŷ 7.0322	200	\$ 1,576.44	\$ 0.6523	200	\$ 130.46	\$ 130.46	4.570
Sub-Total A (excluding pass through)		perkva		200	\$ 1.546.39	ÿ 0.0323	200	\$ 1.713.09	\$ 166.70	10.8%
Line Losses on Cost of Power		per kWh	\$ 0.13680	2331	\$ 318.81	\$ 0.13680	2331	\$ 318.81	\$ -	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021		per kVA			\$ -	\$ 0.0588	200	\$ 11.76	\$ 11.76	5.57
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021		per kVA	\$ 0.2422	200	\$ 48.44	\$ 0.2422	200	\$ 48.44	\$ -	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts for Non -Wholesale Market Participants (2021) -effective until Dec 31, 2021		per kVA			\$ -	\$ 0.0664	200	\$ 13.28	\$ 13.28	
Rate Rider for Disposition of Deferral/Variance Accounts for Non -Wholesale Market Participants (2020) - effective until Dec 31, 2021		per kVA	-\$ 0.0894	200	-\$ 17.88	-\$ 0.0894	200	-\$ 17.88	\$ -	0.0%
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021		per kVA			\$ -	-\$ 0.0347	200	-\$ 6.94	-\$ 6.94	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021		per kVA	-\$ 0.0067	200	-\$ 1.34	-\$ 0.0067	200	-\$ 1.34	\$ -	0.0%
Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021		per kWh			\$ -	\$ 0.00239	79,000	\$ 188.81	\$ 188.81	
Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021		per kWh	-\$ 0.00159	79,000		-\$ 0.00159	79,000	-\$ 125.61	\$ -	0.0%
Sub-Total B - Distribution (includes Sub-Total A)					\$ 1,768.81			\$ 2,142.42	\$ 373.61	21.1%
Retail Transmission Rate - Network Service Rate		per kW	\$ 2.9842	180		\$ 2.7026	180		-\$ 50.69	-9.4%
Retail Transmission Rate - Line and Transformation Connection Service Rate		per kW	\$ 2.3822	180		\$ 2.1393	180		-\$ 43.72	-10.2%
Sub-Total C - Delivery (including Sub-Total B)					\$ 2,734.76			\$ 3,013.96	\$ 279.20	10.2%
Wholesale Market Service Charge (WMSC)		per kWh	\$ 0.0030	81,331	\$ 243.99	\$ 0.0030	81,331	\$ 243.99	\$ -	0.0%
Rural and Remote Rate Protection (RRRP)		per kWh	\$ 0.0005	81,331	\$ 40.67	\$ 0.0005	81,331	\$ 40.67	\$ -	0.0%
Capacity Based Recovery (CGR) - Applicable for Class B Customers		per kWh	\$ 0.0004	81,331	\$ 32.53	\$ 0.0004	81,331	\$ 32.53	\$ -	0.0%
Standard Supply Service Charge		per 30 days	\$ 0.25 \$ 0.1280	1	\$ 0.25	\$ 0.25 \$ 0.1280	50,560	\$ 0.25 \$ 6,471.68	\$ - \$ -	0.0%
TOU - Off Peak		per kWh	\$ 0.1280 \$ 0.1280	50,560 14,220	\$ 6,471.68		14,220		\$ -	0.0%
TOU - Mid Peak		per kWh				-			\$ -	
TOU - On Peak		per kWh	\$ 0.1280 \$ 0.1190	14,220 750	\$ 1,820.16 \$ 89.25	\$ 0.1280 \$ 0.1190	14,220 750	\$ 1,820.16 \$ 89.25	\$ -	0.0%
Energy - RPP - Tier 1 Energy - RPP - Tier 2		per kWh per kWh	\$ 0.1190	750 78,250		\$ 0.1190	78,250	\$ 89.25	\$ -	0.0%
Non-RPP Retailer Avg. Price		per kWh	\$ 0.1368	78,230	\$ 10,876.75	\$ 0.1368	76,230	\$ 10,676.75	ş -	0.0%
NUITATE RECIBIE AVg. FILE Average IESO Wholesale Market Price		per kWh	\$ 0.1368	79,000	T	\$ 0.1368	79,000	\$ 10,807.20	\$ -	0.0%
Average itso wildlesale warket frice		per kwiii	3 0.1308	79,000	3 10,807.20	\$ 0.1308	79,000	3 10,807.20	ļ -	0.0%
Total Bill on Average IESO Wholesale Market Price (before Taxes)		1	T		\$ 13,859.40			\$ 14,138.60	\$ 279.20	2.0%
Ontario Electricity Rebate			-31.8%		\$ 15,055.40	-31.8%		V 14,150.00	\$ -	2.075
HST			13%		\$ 1,801.72	13%		\$ 1,838.02	\$ 36.30	2.0%
Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)					\$ 15,661,13			\$ 15,976.62	\$ 315.50	2.0%
					, ,			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Total Bill on RPP (before Taxes)			T		\$ 14,018.20			\$ 14,297.40	\$ 279.20	2.0%
Ontario Electricity Rebate			-31.8%			-31.8%	1		\$ -	
HST			13%		\$ 1,822.37	13%	1	\$ 1,858.66	\$ 36.30	2.0%
_Total Bill on RPP (after Tax and Rebate)				l	\$ 15,840.57		<u> </u>	\$ 16,156.07	\$ 315.50	2.0%
							_			
Loss Factor (%)			2.95%]		2.95%]			

Customer Class: GENERAL SERVICE 1,000 TO 4,999 kW SERVICE

	Guotomo: Glaco:			.,	,	-						
	TOU / non-TOU:	non-TOU	SPC	OT Class	A Non-WMP							
		Consumption		2,000 900.000	kVA O May 1	- October 31	0	November :	1 - April 30 (Select t	his radio button for a	pplications filed af	er Oct 31)
		Consumption		,	0 Board-Approv	/ed			2021 Proposed		In	pact
				Rate	Volume	Charge		Rate	Volume	Charge		- Fuor
		Charge Unit		(\$)		(\$)		(\$)		(\$)	\$ Change	% Change
Service Charge		per 30 days	\$	926.00	1	\$ 926.00	\$	967.95	1	\$ 967.95	\$ 41.95	
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020		per kVA	\$	0.0689		\$ 137.80	\$	-	2,000	\$ -	-\$ 137.80	
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020		per kVA	\$	0.0624		\$ 124.80	\$	-	2,000	\$ -	-\$ 124.80	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021		per kVA	-\$	0.3244		\$ 648.80	-\$	0.3244	2,000	-\$ 648.80	\$ -	0.0%
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021		per kVA	-\$	0.0520		\$ 104.00	-\$	0.0520	2,000	-\$ 104.00	\$ -	0.0%
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024		per kVA	\$	-		\$ -	-\$	0.0006	2,000	-\$ 1.20	-\$ 1.20	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020		per kVA	-\$	0.0151		\$ 30.20	\$	-	2,000	\$ -	\$ 30.20	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020		per kVA	-\$	0.0307		\$ 61.40	\$	-	2,000	\$ -	\$ 61.40	1
Rate Rider for Disposition of Expansion Deposits - effective until December, 2024		per kVA	\$			\$ -	-\$	0.0527	2,000	-\$ 105.40	-\$ 105.40	1
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021		per 30 days	-\$ \$	5.18		\$ 5.18 \$ 24.80	-\$	5.18	2,000	-\$ 5.18 \$ 24.80	\$ - \$ -	0.0% 0.0%
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 Distribution Volumetric Rate		per kVA per kVA	\$	0.0124 6.5219		\$ 13,043.80	\$	0.0124 6.8173	2,000	\$ 13.634.60	\$ 590.80	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021		per kVA	Ş	0.5219		\$ 13,043.60	\$	0.4280	2,000	\$ 856.00	\$ 856.00	1
Sub-Total A (excluding pass through)		perkva	-			\$ 13.407.62	٦	0.4280	2,000	\$ 14.618.77	\$ 1.211.15	
Journous A Cataloning pass unrough) Line Losses on Cost of Power		per kWh	Ś	0.13680		\$ 3.632.04	Ś	0.13680	26550	\$ 3.632.04	\$ 1,211.13	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021		per kVA	,	0.13000	20330	\$ 5,052.01	Ś	0.0707	2,000	\$ 141.40	\$ 141.40	1
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021		per kVA	Ś	0.2757	2,000	\$ 551.40	\$	0.2757	2,000	\$ 551.40	\$ -	0.0%
Rate Rider for Disposition of Deferral/Variance Accounts for Non -Wholesale Market Participants (2021) -effective until Dec 31, 2021		per kVA	*		_,	\$ -	Ś	0.0760	2,000	\$ 152.00	\$ 152.00	1
Rate Rider for Disposition of Deferral/Variance Accounts for Non -Wholesale Market Participants (2020) - effective until Dec 31, 2021		per kVA	-\$	0.1020	2,000	\$ 204.00	-\$	0.1020	2,000	-\$ 204.00	\$ -	0.0%
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021		per kVA			,	\$ -	-\$	0.0352	, , , , ,	\$ -	\$ -	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021		per kVA	-\$	0.0065		\$ -	-\$	0.0065		\$ -	\$ -	
Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021		per kWh				\$ -	\$	0.00239		\$ -	\$ -	
Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021		per kWh	-\$	0.00159		\$ -		0.00159		\$ -	\$ -	
Sub-Total B - Distribution (includes Sub-Total A)						\$ 17,387.06				\$ 18,891.61	\$ 1,504.55	8.7%
Retail Transmission Rate - Network Service Rate		per kW	\$	2.8833	1,800	\$ 5,189.94	\$	2.6113	1,800	\$ 4,700.34	-\$ 489.60	-9.4%
Retail Transmission Rate - Line and Transformation Connection Service Rate		per kW	\$	2.3797	1,800	\$ 4,283.46	\$	2.1371	1,800	\$ 3,846.78	-\$ 436.68	-10.2%
Sub-Total C - Delivery (including Sub-Total B)						\$ 26,860.46				\$ 27,438.73	\$ 578.27	2.2%
Wholesale Market Service Charge (WMSC)		per kWh	\$	0.0030	,	\$ 2,779.65	\$	0.0030	926,550	\$ 2,779.65	\$ -	0.0%
Rural and Remote Rate Protection (RRRP)		per kWh	\$	0.0005	926,550	\$ 463.28	\$	0.0005	926,550	\$ 463.28	\$ -	0.0%
Capacity Based Recovery (CBR) - Applicable for Class B Customers		per kWh	\$	0.0004		\$ -	\$	0.0004		\$ -	\$ -	
Standard Supply Service Charge		per 30 days	\$	0.25			\$	0.25	1	\$ 0.25	\$ -	0.0%
TOU - Off Peak		per kWh	\$	0.1280		\$ 73,728.00	\$	0.1280	576,000	\$ 73,728.00	\$ -	0.0%
TOU - Mid Peak		per kWh	\$	0.1280			\$	0.1280	162,000	\$ 20,736.00	\$ -	0.0%
TOU - On Peak		per kWh	\$	0.1280		\$ 20,736.00	\$	0.1280	162,000	\$ 20,736.00	\$ -	0.0%
Energy - RPP - Tier 1		per kWh	\$	0.1190			\$	0.1190	750	\$ 89.25	\$ -	0.0%
Energy - RPP - Tier 2		per kWh	\$	0.1390		\$124,995.75 \$	\$	0.1390	899,250	\$124,995.75	\$ -	0.0%
Non-RPP Retailer Avg. Price		per kWh	\$	0.1368			\$	0.1368	-	\$ 123,120.00	\$ -	0.00/
Average IESO Wholesale Market Price		per kWh	Ş	0.1368	900,000	\$123,120.00	\$	0.1368	900,000	\$123,120.00	\$ -	0.0%
Total Bill on Average IESO Wholesale Market Price (before Taxes)			П			\$153,223.64				\$153,801.91	\$ 578.27	0.4%
Total bill on Average IESO wholesale warket Price (belore Taxes) Ontario Electricity Rebate				-31.8%		\$ 133,223.0 4		-31.8%		\$ 133,801.51	\$ 378.27	0.476
HST HST				13%		\$ 19,919.07		13%		\$ 19,994.25	\$ 75.18	0.4%
Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)				1370		\$173,142.71		1370		\$173,796.15	\$ 653.45	
						,						2.476
Total Bill on RPP (before Taxes)			1			\$155,188.64				\$155,766.91	\$ 578.27	0.4%
Ontario Electricity Rebate			11	-31.8%		,		-31.8%		,	\$ -	1 2.175
HST			11	13%		\$ 20,174.52		13%		\$ 20,249.70	\$ 75.18	0.4%
Total Bill on RPP (after Tax and Rebate)			11			\$175,363.16				\$176,016.60	\$ 653.45	1
Loss Factor (%)				2.95%				2.95%				

Customer Class: GENERAL SERVICE 1,000 TO 4,999 kW SERVICE

Part	TOU/nc	on-TOU: non-TOU	SPOT Class	B Non-WMF	•					
Company	166711	311-100. Holl 100								
Company Comp			2,000	kVA Mar	v 1 - October 31	O Nover	nber 1 - April 30 (Se	lect this radio buttor	ı for applications file	d after Oct 31)
Persist Charge Pers		Consumption		kWh						
Control Control									Imp	act
Service Chappe per 10 days 1		Ohanna Hait		Volume	-	1	Volume	-	¢ 01	0/ Ob
Bas Black for Cimpacition of Chamber for Employment front Nationals - efficience will December 31, 2020 cmp	Sonico Chargo			1			1			_
Rest Billion for Disposition of the Impacts for Signature for Disposition of the Impacts for Signature of Disposition of the Impact for Signature of Disposition of Dispo	0	· · · · · · · · · · · · · · · · · · ·				\$ -	2.000			4.5%
Rest Baller for Capitation of Department of the Gaun of Propagation of Department of the Gaun of Propagation of the Gaund of Propagation of Capabation of Ca						\$ -		\$ -	1 '	
Rate Black for for Signation of Wincesca Pile Attachment Reference will Excemble 1, 1201 Per NA 5 120 5 120 5 120 5 120 8				2,000	-\$ 648.80	-\$ 0.3244	2,000	-\$ 648.80	\$ -	0.0%
Rate Batter for Disposition of Plans. CAGPP Property Wart and Equipment - effective until December 31, 2020 per VAX 5 0.051 2,000 5	Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	per kVA	-\$ 0.0520	2,000	-\$ 104.00	-\$ 0.0520	2,000	-\$ 104.00	\$ -	0.0%
Rest Bies for Filipopions of Centrol Privation of Equation Processor—Efficience will December 31, 2020 \$ 1, 0.00 \$ \$ 1, 0.	Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	per kVA	\$ -	2,000	\$ -	-\$ 0.0006	2,000	-\$ 1.20	-\$ 1.20	
Path Black File For Disposition of Expansions Deposits - efficience until December, 2024 per 10.0 days 5.18 1.5.18 5.1	Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	per kVA	-\$ 0.0151			\$ -		\$ -	\$ 30.20	
Base Bide for Recovery of 2020 Foreigne Revelue - efficie wurld December 31, 2021 per VA 5 0.0124 2.00 5 1.04 5 0.0124 2.00 5 0.0024 2.00						*	-		1 '	
Base Bilder for Recovery of 2020 Prospine Revenue - effective until Dec 31, 2021 pet VA 5 0.0128 2.00 5 2.00 5 2.00 5 2.00 5 5.00 2.00 5 5.00 2.00 5 5.00 5		· ·					2,000	-	-\$ 105.40	
Das-Disturbut voluments: State Per NA S 6.5739 2,000 \$ 3,004.80 \$ 5,007.80 \$		· ·					1	7 0.10	\$ -	
Rate Biotr for Disposition of Lord Revenue Adjustment Mechanism (BADAVIA) - effective until Dec 21, 2021 Dec March State Biotr for Disposition of Service Plane Per NVM Per	· · · · · · · · · · · · · · · · · · ·			,					\$ -	
Sub-Total A lexicularing pass through Sub-Total A lexicularing pass throu			\$ 6.5219							4.5%
Unit State State The State		per kVA		2,000		\$ 0.4280	2,000			0.00/
Rate Bide for Disposition of Deferral/Nariance Accounts (2021) - effective until De 31, 2021 per WA 5			ć 0.1368	26550		¢ 0.1369	26 550		\$ 1,211.15	
Rate Ride for Obsposition of Oberval/Variance Accounts (DO20) - effective until Dec 31, 2021 per WAN \$ 0,2757 \$ 0,000 \$ 5,534,00 \$ 5,0			\$ 0.1366	20550	\$ 3,632.04				\$ 1/11/10	0.0%
Rate Bilder for Disposition of Deferral/Nariance Accounts for Non-Wholesales Market Faricipans (2021) effective until Dec 31, 2021 per WA		•	\$ 0.2757	2 000	\$ 551.40				\$ 141.40	0.0%
Rate Bide for Disposition of Deferral (Variance Accounts for Non -Wholeade Market Participants (2020)effective until Dec 31, 2021 per kWA \$ 0.005 2.000 \$ 0.005 2.000 \$ 0.005 \$ 0.005 2.000 \$ 0.005 \$ 0.005 2.000 \$ 0.005			Ų 0.2737	2,000	\$ -		-		\$ 152.00	0.070
Rate Riche for Disposition of Capachy Based Recovery Account (2021). Applicable only for Class & Quistomers - effective until Dec 31, 2021			-\$ 0.1020	2.000	-\$ 204.00				\$ -	0.0%
Rate Rider for Chapacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021 per kWh 5 0.0065 0.0005 0.00039 0.00000 0.1, 511.00 0.0065 0.00039 0.00000 0.1, 511.00 0.0065 0.00039 0.00000 0.1, 511.00 0.0065 0.00039 0.00000 0.1, 511.00 0.0065 0.00039 0.00000 0.1, 511.00 0.0065 0.00039 0.00000 0.1, 511.00 0.0065 0.00659 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.0000000 0.00000000				_,	\$ -				-\$ 70.40	
Pate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-8PP Customers - effective untill Dec 31, 2021 per kWh 5 0.0015 900,000 5 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 5 . 0.00059 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 5 . 1,431.00 900,000 900		per kVA	-\$ 0.0065	2,000	-\$ 13.00	-\$ 0.0065	2,000	-\$ 13.00	\$ -	0.0%
Sub-Total C-Distribution (includes sub-Total A) S 15,943.06 S 15,928.21 S 3,885.15 22.5% Retail Transmission Rate - Neuron Service Rate Per kW S 2,833 1,800 S 1,846.06 S 2,3171 1,800 S 3,846.78 S 2,858.15 22.5% Retail Transmission Rate - Neuron Service Rate Per kW S 2,833 1,800 S 1,846.06 S 2,1371 1,800 S 3,846.78 S 2,857.83 S 2,858.87 10.2% S 1,846.06		per kWh			\$ -	\$ 0.00239	900,000	\$ 2,151.00	\$ 2,151.00	
Retail Transmission Rate - Linear di Transmission Rate - Linear	Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh	-\$ 0.00159	900,000	-\$ 1,431.00	-\$ 0.00159	900,000	-\$ 1,431.00	\$ -	0.0%
Reball Transmission Rate Line and Transformation Connection Service Rate S 2 3797 1.80 \$ 4,283 46 \$ 2.3371 1.80 \$ 3,284.678 \$ 43.64.68 1.0.2%					,					
Sub-Total C - Delivery (including Sub-Total 8) Sub-Total C - Delivery (including Sub-Total 8) Sub-Total 6 - Delivery (including Sub-Total 8) Sub-Total 8 - Sub-Tot				,			-			
Wholesale Market Service Charge (WMSC) per kWh \$ 0.0030 926,550 \$ 2,779,65 \$ 0.0030 926,550 \$ 2,779,65 \$ 0.0030 926,550 \$ 3,70,62 \$ 0.006 \$		per kW	\$ 2.3797	1,800	. ,	\$ 2.1371	1,800	7 0,0.0		
Rural and Remote Rate Protection (RRRP) per kWh \$ 0.0005 926,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$463.28 \$ 0.0006 \$26,550 \$26,500 \$26,550 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$26,500 \$26,550 \$									\$ 2,658.87	
Capacity Based Recovery (CBR) - Applicable for Class B Customers per kWh S 0.0004 926,550 \$ 370,62 \$ 0.006 \$ 0.0									\$ -	
Standard Supply Service Charge per 30 days per kWh per kWh \$ 0.1280 57,000 \$ 73,728.00 \$ 70.00 \$ 70.00 Peak per kWh \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 0.1280 162,0						+			\$ -	
TOU - Off Peak TOU - One Peak Per - Iter 1 Per - Wh' S 0.1280 162,000 \$ 20,736.00 \$ \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000 \$ 20,736.00 \$ 0.1280 162,000							926,550		\$ -	
TOU - Mid Peak TOU - Mid Peak TOU - On Peak							576,000	*	e -	
TOU - On Peak Energy - RPP - Tier 1 Energy - RPP - Tier 2 Energy - RPP - Tier 3 Energy - RPP - Tier 3 Energy - RPP - Tier 4 Energy - RPP - Tier 5 Energy - RPP - Tier 5 Energy - RPP - Tier 6 Energy - RPP - Tier 7 Energy - RPP - Tier 7 Energy - RPP - Tier 8 Energy - RPP - Tier 9 Energy -									\$ -	
Energy - RPP - Tier 1									\$ -	
Energy - RPP - Tier 2		· ·							\$ -	
Non-RPP Retailer Avg. Price Average IESO Wholesale Market Price Per kWh S 0.1368 900,000 \$123,120.00 \$	u,	· ·							\$ -	
Total Bill on Average IESO Wholesale Market Price (before Taxes) Ontario Electricity Rebate HST Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$13.8% \$19,779.53 \$13% \$2,658.87 1.7% \$1.7% \$1.8% \$19,779.53 \$13% \$20,125.19 \$345.65 \$1.7% \$174,934.31 \$3,004.52 \$1.7% Ontario Electricity Rebate HST Ontario Electricity Rebate HST Total Bill on RPP (after Tax and Rebate) \$154,115.26 \$154,115.26 \$155,774.13 \$2,658.87 \$1.7% \$1.7% \$1.7% \$1.7% \$1.7% \$1.7% \$1.8% \$1.7% \$1.8% \$1.7% \$1.7% \$1.8% \$1.7%	U. C.	per kWh	\$ 0.1368	-	\$ -	\$ 0.1368	-		\$ -	
Ontario Electricity Rebate 31.8% 31.8% 31.8% 5 20,125.19 \$ 345.65 1.7% Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$ 19,779.53 \$ 13,8% \$ 20,125.19 \$ 3304.55 1.7% Total Bill on RPP (before Taxes) \$ 154,115.26 \$ 154,115.26 \$ 156,774.13 \$ 2,658.87 1.7% Ontario Electricity Rebate 31.8% \$ 20,034.98 13% \$ 20,380.64 \$ 345.65 1.7% Total Bill on RPP (after Tax and Rebate) \$ 177,154.76 \$ 3,004.52 1.7%	Average IESO Wholesale Market Price	per kWh	\$ 0.1368	900,000	\$123,120.00	\$ 0.1368	900,000	\$123,120.00	\$ -	0.0%
Ontario Electricity Rebate 31.8% 31.8% 31.8% 5 20,125.19 \$ 345.65 1.7% Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$ 19,779.53 \$ 13,8% \$ 20,125.19 \$ 3304.55 1.7% Total Bill on RPP (before Taxes) \$ 154,115.26 \$ 154,115.26 \$ 156,774.13 \$ 2,658.87 1.7% Ontario Electricity Rebate 31.8% \$ 20,034.98 13% \$ 20,380.64 \$ 345.65 1.7% Total Bill on RPP (after Tax and Rebate) \$ 177,154.76 \$ 3,004.52 1.7%										
HST Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) 13% \$ 19,779.53	Total Bill on Average IESO Wholesale Market Price (before Taxes)				\$152,150.26			\$154,809.13	\$ 2,658.87	1.7%
Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$174,934.31 \$ 3,004.52 1.7% Total Bill on RPP (before Taxes) \$154,115.26 \$156,774.13 \$ 2,658.87 1.7% Ontario Electricity Rebate -31.8% -31.8% \$ -3.8%	Ontario Electricity Rebate								\$ -	
Total Bill on RPP (before Taxes) Ontario Electricity Rebate HST Total Bill on RPP (after Tax and Rebate) \$ 154,115.26	····		13%		,	13%				
Ontario Electricity Rebate -31.8% -31	Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)				\$171,929.79			\$174,934.31	\$ 3,004.52	1.7%
Ontario Electricity Rebate -31.8% -31								4		
HST			34.607		\$154,115.26	24.607		\$156,774.13	\$ 2,658.87	1.7%
Total Bill on RPP (after Tax and Rebate) \$174,150.24 \$177,154.76 \$ 3,004.52 1.7%					\$ 20.024.09	1		¢ 20 200 64	\$ -	1 70/
			13%			13%				
Loss Factor (%) 2.95% 2.95%	Total on on the Lance rus also reports				114,130.24 ب			y 1/1,134./0	0,004.52 ب	1.770
Loss Factor (%) 2.95% 2.95%										
	Loss Factor (%)		2.95%			2.95%				

Loss Factor (%)

Customer Class: LARGE USE SERVICE

Part	Custome	er Class: LARGE US	E SE	RVICE							
Second Part											
Part	TOU/n	on-TOU: non-TOU									
Part			_								
Part			_			1 - October 31	O November 1 -	April 30 (Select this i	adio button for appli	cations filed after Or	t 31)
Part		Consumptio	n			und		2024 Prepage		lm	t
Chargo C			-				Pato				Jaci
Service Charges per 180 along per 180 al		Chargo Uni			volume	-		volume	_	\$ Chango	% Change
Mass Black for Olspoelings of Disposition (Olspoeling Olspoeling Collegation (Collegation of Disposition (Collegation (C	Service Charge		_	,	1	,		1			
Real Base for for Tolsgoating of the Impact for Uniford Order-Internation (Considiant) Plane (Considiant)					9 700						1.570
Reside file for Supplication of Central Connoisition File - Effective until December 31, 2021 9							*		· .		
Pack Balle for for foliogentin of the Gain on Property Sale - effective until December 31, 2021 Pack Balle for for foliogentin of Miracia Should Anthone Revenue - effective until December 31, 2020 Pack Balle for for foliogentin of Miracia Should Anthone Revenue - effective until December 31, 2020 Pack Balle for foliogentin of Miracia Should Anthone Revenue - effective until December 31, 2020 Pack Balle for foliogentin of Miracia Should Anthone Revenue - effective until December 31, 2020 Pack Balle for foliogentin of Miracia Should Anthone Revenue - effective until December 31, 2021 Pack Balle for foliogentin of Miracia Should Anthone Revenue - effective until December 31, 2021 Pack Balle for foliogentin of Revenue Algorithm (Miracia Manual Anthone Miracia Should Anthone Miracia							*		T .		0.0%
Rate Black for Disposition of Numbers Pack Attachment Recommer - efficience will December 31, 2003 9										1.1	
Rate Rinder for follogoutins of Infers CAMP Property Plant and Equipment - effective until December 31, 2020 per VAV p										-\$ 5.82	0.070
Rate Black for Follogoulism of External Driven Capital Virusines Account of Capital Composition of Experiment Driven Capital Virusines Accounts (1982) 1.0 1				•							
Rate Black for Oligopation of Expansion Deposits - effective will December 1, 2021 per 3 days 5						-	\$ -				
Rate Black For Recovery of 2007 Programs Revolue—efficitive until December 31, 2021 per VA 5 0.0156 5				¢ 0.0302			\$ 0.0622		+		
Rate Mider for Recovery of 2020 Sengone Receives - effective until December 31, 2021 Sensor Sens				- خ 21 و	3,700	7				\$ 003.54	0.0%
Destribution Voluments Nate Per NAM Ret Ride for Prolipoposition of Loss Revue Adjustment Mechanism (EMANVA) - effective until Dec. 31, 2021 Per NAM Sub- Total A (Executing pass through) Sub- Total A (Executing pass through) Sub- Total A (Province) Sub- Total A					9 700					\$ -	
Rate Bider for Disposition of Loss Revenue Aglustment Mechanism (LAAMVA) - effective until Dec. 31, 2021 Disposition of Loss Revenue Aglustment Mechanism (LAAMVA) - effective until Dec. 31, 2021 Disposition of Disposition of Deferral/Variance Accounts (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Deferral/Variance Accounts for Non-Nonleasia Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Deferral/Variance Accounts for Non-Nonleasia Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Deferral/Variance Accounts for Non-Nonleasia Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Marker Participants (2021) - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Bideria Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec. 31, 2021 Dec. Rate Bider for Disposition of Objective Bideria Adjus						-					
Sub-Total Acenduding pass through				7.0003		\$ 00,545.05					4.570
Limit Dissos on Cost of Fower Park Milk Age Ridder for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021 per KVA 5 0.2398 70,000 5 0.5871, 41 5 0.1058 70,000 5 0.5871, 41 5 0.0058 70,000 7 0.0058 5 0.00573 7 0.0058 5 0.00573 7 0.0058		perkva			3,700	\$ 69 483 47	\$ 0.00730	3,700	7 0,		11 8%
Rate Bider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021		ner kWh		\$ 0.1368	70520		\$ 0.1368	70 520		\$ 0,177.52	
Rate Bidder for Osposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021				J 0.1308	70320	\$ 3,047.14				\$ 555.81	0.078
Rate Bidder for Disposition of Deferral/Variance Accounts for NonWindosale Market Participants (2022) effective until Dec 31, 2021 per KVA per KVA \$ 0.06				¢ 0.2020	9 700	¢ 2 0EU 02					0.0%
Rate Rider for Disposition of Deferral/Variance Accounts for NonWholesale Marker Participants (2020) - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Capacity Based Recovery Account (2012) - Applicable only for Class B Customers - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Capacity Based Recovery Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decisioners - effective until Dec 31, 2021 per NA Bate Rider for Disposition of Global Adjustment Account (2012) - Applicable only for Non-SPP Decision Rider Ride				J 0.2939	3,700	\$ 2,830.83					0.078
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective untill Dec 31, 2021 Bark Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021 Bark Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 Bark Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 Barb Total Positivition (Includes Sub-Total A) Retail Transmission Rate - Live and Transformation Connection Service Rate BerkW Molessale Market Service Charge (MWISC) Rural and Remote Rate Protection (RRP) PerkWh Sub-Total Silve Residual Control (RRP) PerkWh Sub-Total Silve Residual				¢ 0.1064	0.700	¢ 1022.00					0.09/
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021 per WWh \$ 0,0005 \$ \$ \$ 0,0005 \$ \$ \$ \$ \$ \$ 0,0005 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			-	J 0.1004	3,700	-5 1,032.08 ¢			÷ 1,032.08	ċ	0.076
Rate Rider for Disposition of Global Aglistment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 per kWh \$ 0.0005 \$ 0.000509 \$				¢ 0.0046		ç -			ė -	ċ	
Rate Right for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 Sub-Total B - Distribution (Includes Sub-Total A) Sub-Total B - Distribution (Includes Sub-Total B) Sub-Total B - Distribution (Includes Sub-Total B - Distribution (Includes Sub-Total B) Sub-Total B - Distribution (Includes Sub-Total B - Sub-Total B - Distribution (Includes Sub-Total B - Distribution			-	5 0.0040		ç -			ė -	ċ	
Sub-Total B - Distribution (includees Sub-Total A)				¢ 0.00150		ş -			è -	\$ -	
Retail Transmission Rate - Network Service Rate per kW S 3.2868 8,900 \$ 2,975.252 \$ 2,9767 8,900 \$ 2,649.263 \$ 3,279.88 9.9 kg 1.12		perkwii	_ P	3 0.00133		\$ 90 040 26	-5 0.00133		\$ 00 441 22	\$ 0.401.97	11 79/
Retail Transmission Rate - Line and Transformation Connection Service Rate per kWh Sub-Total B Sub-Total C - Delivery (Including Sub-Total B S	,	nor kW	_	\$ 3.2868	8 900		\$ 2,9767	8 900			
Sub-Total C. Delivery (including Sub-Total 8) \$133,732.99 \$133,732.99 \$338,065.13 \$4,332.54 \$3.254											
Wholesale Market Service Charge (WMSC) Per kWh S 0.003 4,170,520 \$ 12,511.56 \$ 0.0030 4,170,520 \$ 12,511.56 \$ 0.00		per KVV	_ [2.0433	0,500		ÿ 2.5745	0,500		T = 10000	
Rural and Remote Rate Protection (RRRP) S 0.0005	, ,	ner kWh	_	\$ 0.0030	4 170 520		\$ 0.0030	4 170 520		\$ -	
Capacity Based Recovery (CBR) - Applicable for Class B Customers per kWh per 30 days per 30 days per 30 days per 30 days per 80 days per 30 days per 80 days p										Ġ -	
Standard Supply Service Charge					4,170,320	\$ 2,005.20	\$ 0.0003	4,170,320	\$ 2,005.20	\$ -	0.076
TOU - Off Peak TOU -					1	\$ 0.25	\$ 0.25	1	\$ 0.25	Ġ -	0.0%
TOU - Mid Peak Tou -					2 624 000					\$ -	
TOU - On Peak							7 0.2200			Ġ -	
Energy - RPP - Tier 1										\$ -	
Energy - RPP - Tier 2										\$ -	
Non-RPP Retailer Avg. Price										¢	
Average IESO Wholesale Market Price per kWh \$ 0.1368 4,100,000 \$ 560,880.00 \$ 0.1368 4,100,000 \$ 560,880.00 \$ - 0.0%					4,033,230					7	0.078
Total Bill on Average IESO Wholesale Market Price (before Taxes) Ontario Electricity Rebate HST Total Bill on Average IESO Wholesale Market Price (before Taxes) 138	· · · · · · · · · · · · · · · · · · ·				4 100 000	7			T .	\$ -	0.0%
Ontario Electricity Rebate -31.8% -31.8% -31.8% -31.8% -31.8% -31.8% 5 92,760.49 \$ 5.63.23 0.6% Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$ 801,406.91 \$ 806,302.68 \$ 4,895.77 0.6% Total Bill on RPP (before Taxes) \$ 718,214.66 \$ 718,214.66 \$ 722,547.20 \$ 4,332.54 0.6% Ontario Electricity Rebate -31.8% -31.8% -31.8% -31.8% \$ 93,367.91 13% \$ 93,931.1 \$ 563.23 0.6%	Wenge 1550 Windestile Walker Fried	perkvvii		9 0.1300	4,100,000	\$ 500,000.00	ý 0.1300	4,100,000	\$ 500,000.00	1 3	0.076
Ontario Electricity Rebate -31.8% -31.8% -31.8% -31.8% -31.8% -31.8% 5 92,760.49 \$ 5.63.23 0.6% Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$ 801,406.91 \$ 806,302.68 \$ 4,895.77 0.6% Total Bill on RPP (before Taxes) \$ 718,214.66 \$ 718,214.66 \$ 722,547.20 \$ 4,332.54 0.6% Ontario Electricity Rebate -31.8% -31.8% -31.8% -31.8% \$ 93,367.91 13% \$ 93,931.1 \$ 563.23 0.6%	Total Bill on Average ISCO Wholesele Market Brice / hefers Tayer		П			\$ 709 209 66	T		\$ 713 542 20	\$ 433254	0.6%
HST 13% \$ 92,197.26 13% \$ 92,760.49 \$ 563.23 0.6% Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$ 806,302.68 \$ 4,895.77 0.6% Total Bill on RPP (before Taxes) \$ 718,214.66 \$ 722,547.20 \$ 4,332.54 0.6% Ontario Electricity Rebate 31.8% -31.8% -31.8% 5 93,367.91 13% \$ 93,367.91 13% \$ 93,31.14 \$ 563.23 0.6% Company to the c				-31.8%		\$ 703,203.00	-31 89	4	\$ 713,34 <u>2.2</u> 0	\$ 4,332.34	0.0%
Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate) \$804,302.68 \$4,895.77 0.6%	,					\$ 92 197 26	1		\$ 92.760.49	\$ 563.23	0.6%
Total Bill on RPP (before Taxes) Ontario Electricity Rebate HST \$718,214.66 \$722,547.20 \$4,332.54 0.6% \$5 -31.8% \$5 -31.8% 13% \$93,367.91 13% \$93,367.91 \$563.23 0.6%				1370			137	_			
Ontario Electricity Rebate -31.8% -31.8% \$ -31.8% \$ -5.23 \$ -6.6% HST 13% \$ 93,367.91 13% \$ 93,931.14 \$ 563.23 0.6%	Total bill of Average its own of each entire fatter has and nebate)					3 801,400.31			\$ 800,302.08	3 4,033.77	0.0%
Ontario Electricity Rebate -31.8% -31.8% \$ -31.8% \$ -5.23 \$ -6.6% HST 13% \$ 93,367.91 13% \$ 93,931.14 \$ 563.23 0.6%	Total Bill on DDD (hofers Tours)		-			¢ 719 214 66			¢ 722 547 20	É 4222 F4	0.69/
HST 13% \$ 93,367.91 13% \$ 93,931.14 \$ 563.23 0.6%	· · · · ·			21 00/		y /10,214.00	21 00		7 / 42,34/.20	÷ 4,332.34	0.0%
						¢ 02 267 01	1		¢ 02 021 14	¢ 562.22	0.50/
100al Dilli UTI NET (GILCE 10A GILL NEUGLE) \$810,478.53 \$ 4,895.77 0.0%			Ш	13%			139	0			
	Total bill of her faiter tax and neuate)		#			\$ 011,302.50			⊋ 010,470.33	4,055.//	0.6%

1.72%

1.72%

Customer Ci	ss: STREET LIGHTING S	ERVICE						
		SPOT CLAS	ne p					
TOU/non-T	ou: non-TOU	16.000	Devices					
ico/ico	10.11.00	2,700	kW					
		2,700	kVA O May 1 - October 31	 Nover 	nber 1 - April 30 (Select	t this radio button	for applications filer	d after Oct 31)
	Consumption	955,000	kWh					
			20 Board-Approved		2021 Proposed		Imp	pact
	A 1 11 1.	Rate	Volume Charge	Rate	Volume	Charge		
Service Charge (per device)	Charge Unit per device per 30 days	(\$) \$ 1.56	(\$) 16000 \$ 24,960.00	\$ 1.63	16000 S	(\$) 26,080.00	\$ Change \$ 1.120.00	% Change 4.5%
service Charge (per device) Distribution Volumetric Rate	per device per 50 days per kVA	\$ 34.7952	2,700 \$ 93,947.04	\$ 36.3714		98,202.78	\$ 4,255,74	4.5%
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	per kVA	\$ 0.5117	2,700 \$ 33,347.04	\$ 50.5714	2,700 \$		-\$ 1,381.59	4.570
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	per kVA	\$ 0.4632	2,700 \$ 1,250.64	š -	2,700 \$		-\$ 1,250.64	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	per kVA	-\$ 2.4094	2,700 -\$ 6,505.38	-\$ 2.4094	2,700 -\$		\$ -	0.0%
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	per kVA	-\$ 0.3860	2,700 -\$ 1,042.20	-\$ 0.3860	2,700 -\$	1,042.20	\$ -	0.0%
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	per kVA	\$ -	2,700 \$ -	-\$ 0.0120	2,700 -\$	32.40	-\$ 32.40	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	per kVA	-\$ 0.1120	2,700 -\$ 302.40	\$ -	2,700 \$		\$ 302.40	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	per kVA	-\$ 0.2281	2,700 -\$ 615.87	\$ -	2,700 \$		\$ 615.87	
Rate Rider for Disposition of Expansion Deposits - effective until December, 2024	per kVA	\$ -	2,700 \$ -	-\$ 0.3914		1,056.78	-\$ 1,056.78	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	per 30 days	\$ -	16000 \$ -	\$ -	16,000 \$		\$ -	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	per kVA	-\$ 0.0879	2,700 -\$ 237.33 \$ 112.836.09	-\$ 0.0879	2,700 -\$		\$ - \$ 2,572.60	0.0%
Sub-Total A (excluding pass through) Line Losses on Cost of Power	per kWh	\$ 0.1368	\$ 112,836.09 28,173 \$ 3,854.00	\$ 0.1368	28,173 \$	3.854.00	\$ 2,572.60	2.3% 0.0%
Line Loses on Lost or Power Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	per kVA	\$ 0.1308	20,173 \$ 3,034.00	\$ 0.1366	2,700 \$.,	\$ 312.12	0.0%
Nate Ruler for Disposition of Deferral/Variance Accounts (2002) - effective until Dec 31, 2021 Rate Rider for Disposition of Deferral/Variance Accounts (2002) - effective until Dec 31, 2021	per kVA	\$ 0.1402	2,700 \$ 378.54	\$ 0.1130	2,700 \$		\$ 312.12	0.0%
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kVA	ŷ 0.1102	\$ -	-\$ 0.0305	2,700 -\$		-\$ 82.35	0.070
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021	per kVA	-\$ 0.0062	2,700 -\$ 16.74	-\$ 0.0062	2,700 -\$		\$ -	0.0%
Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh	·	\$ -	\$ 0.00239		2,282.45	\$ 2,282.45	
Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021	per kWh	-\$ 0.00159	955,000 -\$ 1,518.45	-\$ 0.00159	955,000 -\$	1,518.45	\$ -	0.0%
Sub-Total B - Distribution (includes Sub-Total A)			\$ 115,533.44			120,618.26	\$ 5,084.82	4.4%
Retail Transmission Rate - Network Service Rate	per kW	\$ 2.6543	2,700 \$ 7,166.61	\$ 2.4039	2,700 \$.,	-\$ 676.08	-9.4%
Retail Transmission Rate - Line and Transformation Connection Service Rate	per kW	\$ 2.8403	2,700 \$ 7,668.81	\$ 2.5507	2,700 \$		-\$ 781.92	-10.2%
Sub-Total C - Delivery (including Sub-Total B)			\$ 130,368.86			133,995.68	\$ 3,626.82	2.8%
Wholesale Market Service Charge (WMSC)	per kWh	\$ 0.0030 \$ 0.0005	983,173 \$ 2,949.52 983,173 \$ 491.59	\$ 0.0030 \$ 0.0005	983,173 \$ 983,173 \$		\$ -	0.0%
Rural and Remote Rate Protection (RRRP) Capacity Based Recovery (CBR) - Applicable for Class B Customers	per kWh per kWh	\$ 0.0005	983,173 \$ 491.59 983,173 \$ 393.27	\$ 0.0005	983,173 \$		\$ -	0.0%
Capacity based network (Con - Applicable for Class & Customers Standard Supply Service Charge	per 80 days	\$ 0.0004	1 \$ 0.25	\$ 0.0004	963,173 \$		\$ -	0.0%
TOU - Off Peak	per kWh	\$ 0.1280	611,200 \$ 78,233.60	\$ 0.1280		78,233.60	š -	0.0%
TOU - Mid Peak	per kWh	\$ 0.1280	171,900 \$ 22,003.20	\$ 0.1280		22,003.20	\$ -	0.0%
TOU - On Peak	per kWh	\$ 0.1280	171,900 \$ 22,003.20	\$ 0.1280	171,900 \$	22,003.20	\$ -	0.0%
Energy - RPP - Tier 1	per kWh	\$ 0.1190	750 \$ 89.25	\$ 0.1190	750 \$	89.25	\$ -	0.0%
Energy - RPP - Tier 2	per kWh	\$ 0.1390	954,250 \$ 132,640.75	\$ 0.1390	954,250 \$	132,640.75	\$ -	0.0%
Non-RPP Retailer Avg. Price	per kWh	\$ 0.1368	- \$ -	\$ 0.1368	- \$	·	\$ -	
Average IESO Wholesale Market Price	per kWh	\$ 0.1368	955,000 \$ 130,644.00	\$ 0.1368	955,000 \$	130,644.00	\$ -	0.0%
Total Bill on Average IESO Wholesale Market Price (before Taxes)			\$ 264,847.48		\$	268,474.30	\$ 3,626.82	1.4%
Ontario Electricity Rebate		-31.8% 13%	\$ 34.430.17	-31.8% 13%	یا ا	34,901.66	\$ - \$ 471.49	1.4%
HST Total Bill on Average IESO Wholesale Market Price (after Tax and Rebate)		13%	\$ 34,430.17	13%		34,901.66 303,375.96	\$ 4.098.31	1.4%
Total bill on Average 1250 Wholesale Warket Price (after 1 ax and kebate)			\$ 233,277.03	_	,	303,373.30	3 4,036.31	1.4/6
Total Bill on RPP (before Taxes)		П	\$ 266,933.48			270,560.30	\$ 3,626.82	1.4%
Ontario Electricity Rebate		-31.8%	ŷ 200,555110	-31.8%	.	270,300.30	\$ 5,020.02	2.470
HST HST		13%	\$ 34,701.35	13%	s s	35,172.84	\$ 471.49	1.4%
Total Bill on RPP (after Tax and Rebate)		11	\$ 301,634.83			305,733.14	\$ 4,098.31	1.4%
Loss Factor (%)		2.95%		2.95%				

Loss Factor (%)

Customer Class: UNMETERED SCATTERED LOAD SERVICE TOU/non-TOU: non-TOU O May 1 - October 31 • November 1 - April 30 (Select this radio button for applications filed after Oct 31) Consumption 285 kWh 2021 Proposed 2020 Board-Approved Impact Rate Volume Charge Rate Volume Charge Charge Unit (\$) (\$) (\$) (\$) \$ Change % Change Service Charge per 30 days 6.06 6.06 6.33 6.33 0.27 0.63 0.63 0.66 0.66 0.03 4.8% Connection Charge (per connection) per connection per 30 days 0.30 0.30 Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020 0.00107 285 285 \$ per kWh 285 S 0.28 0.28 Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020 per kWh 0.00097 285 \$ Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021 per kWh 0.00505 285 1.44 0.00505 285 1.44 0.0% Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021 per kWh 0.00081 285 -\$ 0.23 0.00081 285 -\$ 0.23 0.0% 285 285 0.01 0.01 Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024 0.00003 per kWh 0.07 Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020 per kWh 0.00024 285 -\$ 285 0.07 285 -\$ Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020 per kWh 0.00048 0.14 285 0.14 Rate Rider for Disposition of Expansion Deposits - effective until December, 2024 per kWh 285 0.00082 285 0.23 0.23 Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 per 30 days 0.10 0.10 0.10 0.10 0.0% Rate Rider for Recovery of 2020 Foregone Revenue (per connection) - effective until December 31, 2021 per connection per 30 days 0.01 0.01 0.01 0.01 0.0% Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 per kWh 0.00121 285 0.34 \$ 0.00121 285 -\$ 0.34 0.0% 285 21.71 0.07963 285 22.69 0.98 4.5% Distribution Volumetric Rate 0.07618 per kWh Sub-Total A (excluding pass through) 27.32 Ś 0.66 2.5% 26.65 Line Losses on Cost of Power per kWh \$ 0.11900 1.00 \$ 0.11900 8 5 1.00 0.0% Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021 per kWh 0.00027 285 0.08 0.08 per kWh \$ 0.00040 285 0.11 0.00040 285 0.11 0.0% Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021 Rate Rider for Disposition of Capacity Based Recovery Account (2021) - Applicable only for Class B Customers - effective until Dec 31, 2021 per kWh 0.00009 285 0.03 0.03 Rate Rider for Disposition of Capacity Based Recovery Account (2020) - Applicable only for Class B Customers - effective until Dec 31, 2021 285 0.01 0.0% per kWh -\$ 0.00002 -\$ -\$ 0.00002 285 0.01 Rate Rider for Disposition of Global Adjustment Account (2021) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 per kWh 0.00239 0.00159 Rate Rider for Disposition of Global Adjustment Account (2020) - Applicable only for Non-RPP Customers - effective until Dec 31, 2021 per kWh 0.00159 Sub-Total B - Distribution (includes Sub-Total A) 27.76 28.48 0.72 2.6% 0.00549 0.00497 1.46 per kWh 293 1.61 293 0.15 -9.5% 0.00465 293 1.36 0.00418 293 1.23 -10.1% RTSR - Line and Transformation Connection 0.14 per kWh 31.16 Sub-Total C - Delivery (including Sub-Total B) 30.74 \$ 0.43 1.4% Wholesale Market Service Charge (WMSC) per kWh 0.0030 293 0.88 0.0030 293 0.88 0.0% Rural and Remote Rate Protection (RRRP) 0.0005 293 \$ 0.15 0.0005 293 \$ 0.15 0.0% per kWh Capacity Based Recovery (CBR) - Applicable for Class B Customers per kWh 0.0004 293 0.12 0.0004 293 0.12 0.0% Standard Supply Service Charge per 30 days 0.25 0.25 0.25 0.25 0.0% 0.1280 185 23.71 0.1280 185 23.71 0.0% TOLL - Off Peak ner kWh 0.1280 6.20 0.1280 6.20 0.0% TOU - Mid Peak per kWh 48 48 0.0% TOU - On Peak per kWh 0.1280 51 6.57 0.1280 51 6.57 per kWh Energy - RPP - Tier 1 0.1190 285 33.92 0.1190 285 33.92 0.0% Energy - RPP - Tier 2 per kWh 0.1390 0.1390 per kWh 0.1368 0.1368 Non-RPP Retailer Avg. Price Average IESO Wholesale Market Price 0.1368 0.1368 ner kWh Total Bill on RPP (before Taxes) 0.6% Ontario Electricity Rebate -31.8% 21.00 -31.80% 21.14 0.14 0.6% 8.59 13% 8.64 0.06 0.6% 13% HST 53.63 0.35 Total Bill on RPP (after Tax and Rebate) 53.97 0.6% 2.95% 2.95%

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

Toronto Hydro-Electric System Limited EB-2020-0057 Tab 6 Schedule 1 ORIGINAL (11 pages)

EB-2018-0165

RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a separately metered living accommodation, where the Competitive Sector Multi-Unit Residential classification is not applicable. Eligibility is restricted to a dwelling unit that consists of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex building, with a residential zoning; a separately metered dwelling within a town house complex or apartment building; and bulk metered residential buildings with six or fewer units. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	38.34	(per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$	0.45	(per 30 days)
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$	0.41	(per 30 days)
Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022	\$	0.48	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$	(2.13)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$	(0.34)	(per 30 days)
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$	(0.10)	(per 30 days)
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$	(0.20)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.26)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00033	
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00906	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00737	
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	(per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a multi- unit residential building, where unit metering is provided using technology that is substantially similar to that employed by competitive sector sub-metering providers. Use of electricity in non-residential units of multi-unit buildings does not qualify for this classification and will instead be subject to the applicable commercial classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	31.46	(per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$	0.30	(per 30 days)
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$	0.27	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$	(1.43)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$	(0.23)	(per 30 days)
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$	(0.07)	(per 30 days)
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$	(0.14)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.15)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00025	
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00906	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00737	
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	(per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	36.98	(per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	0.11	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.03421	(100 00 00)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$/kWh	0.00053	
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$/kWh	0.00048	
Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022	\$/kWh	0.00018	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kWh	(0.00248)	
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kWh	(0.00040)	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$/kWh	(0.00012)	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$/kWh	(0.00023)	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kWh	0.00010	
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00038	
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00882	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00659	
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	(per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

FR-2018-0165

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. 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.

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.

The rate rider for the disposition of Post 2011 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 Debt Retirement Charge, the Global Adjustment and the HST.

Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 \$ (0.21)	(per 30 days)
Distribution Volumetric Rate \$/kVA 7.8922 ((per 30 days)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020 \$/kVA 0.0914 ((per 30 days)
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020 \$/kVA 0.0827 ((per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021 \$/kVA (0.4304) ((per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021 \$/kVA (0.0690) ((per 30 days)
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020 \$/kVA (0.0200) ((per 30 days)
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020 \$/kVA (0.0407) ((per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021 \$/kVA (0.0189) ((per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	
(Applicable only for Non-Wholesale Market Participants) - Approved on an Interim Basis \$/kVA (0.0894) ((per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021	
- Approved on an Interim Basis \$/kVA 0.2422 ((per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021	
	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021	
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis \$/kWh (0.00159)	
Retail Transmission Rate - Network Service Rate \$/kW 2.9842 ((per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate \$/kW 2.3822 ((per 30 days)
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 ((per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

FR-2018-0165

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 1,000 kW but less than 5,000 kW, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. 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.

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.

The rate rider for the disposition of Post 2011 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	926.00	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(5.18)	(per 30 days)
Distribution Volumetric Rate	\$/kVA	6.5219	(per 30 days)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$/kVA	0.0689	(per 30 days)
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$/kVA	0.0624	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA	(0.3244)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA	(0.0520)	(per 30 days)
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$/kVA	(0.0151)	(per 30 days)
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$/kVA	(0.0307)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA	0.0124	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants) - Approved on an Interim Basis	\$/kVA	(0.1020)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kVA	0.2757	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kVA	(0.0065)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kW	2.8833	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3797	(per 30 days)
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	(per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

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.

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.

The rate rider for the disposition of Post 2011 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	4.099.14	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(21.80)	(per 30 days)
Distribution Volumetric Rate	\$/kVA	7.0665	(per 30 days)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$/kVA	0.0813	(per 30 days)
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$/kVA	0.0736	(per 30 days)
·	**		" ,
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA	(0.3827)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA	(0.0613)	(per 30 days)
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$/kVA	(0.0178)	(per 30 days)
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$/kVA	(0.0362)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA	0.0195	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants) - Approved on an Interim Basis	\$/kVA	(0.1064)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kVA	0.2939	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kVA	(0.0046)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kW	3.2868	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.6439	(per 30 days)
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	(per 30 days)
	*	5.20	(F 5: 55 GG/6)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires THESL to provide back- up service. 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 Debt Retirement Charge, 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 applied to the contracted amount (e.g. nameplate rating of generation facility).

Service Charge	\$	239.74 (per 30 days)
Distribution Volumetric Rate		
For General Service 50 - 999 kW Service Classification	\$/kVA	7.8922 (per 30 days)
For General Service 1,000 - 4,999 kW Service Classification	\$/kVA	6.5219 (per 30 days)
For Large Use Service Classification	\$/kVA	7.0665 (per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand at each location 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 THESL 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	6.06	(per 30 days)
Connection Charge (per connection)	\$	0.63	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.10)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue (per connection) - effective until December 31, 2021	\$	(0.01)	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.07618	
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$/kWh	0.00107	
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$/kWh	0.00097	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kWh	(0.00505)	
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kWh	(0.00081)	
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$/kWh	(0.00024)	
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$/kWh	(0.00048)	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kWh	(0.00121)	
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00040	
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00549	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00465	
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	(per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

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 OEB 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge (per device)	\$	1.56	(per 30 days)
Distribution Volumetric Rate	\$/kVA	34.7952	(per 30 days)
Rate Rider for Disposition of Other Post Employment Benefit Variance - effective until December 31, 2020	\$/kVA	0.5117	(per 30 days)
Rate Rider for Disposition of the Impact for USGAAP - effective until December 31, 2020	\$/kVA	0.4632	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA	(2.4094)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA	(0.3860)	(per 30 days)
Rate Rider for Disposition of IFRS - CGAPP Property Plant and Equipment - effective until December 31, 2020	\$/kVA	(0.1120)	(per 30 days)
Rate Rider for Disposition of External Driven Capital Variance Account - effective until December 31, 2020	\$/kVA	(0.2281)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA	(0.0879)	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts - effective until December 31, 2021			
- Approved on an Interim Basis	\$/kVA	0.1402	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account - effective until December 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kVA	(0.0062)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account - effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kW	2.6543	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.8403	(per 30 days)
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	(per 30 days)

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

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 utility'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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.33	(per 30 days)
ALLOWANCES			
Transformer Allowance for Ownership	\$/kVA	(0.62)	(per 30 days)
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 Debt Retirement Charge, the Global Adjustment and the HST.

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Customer Administration

Account history	\$	25.00
Duplicate invoices for previous billing	\$	25.00
Request for other billing or system information	\$	25.00
Easement letter	\$	25.00
Income tax letter	\$	25.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	35.00
Returned cheque (plus bank charges)	\$	25.00
Special meter reads	\$	55.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	55.00
Non-Payment of Account		
Late payment - per month		
(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection charge - at meter - during regular hours	\$	120.00
Reconnection charge - at meter - after regular hours	\$	400.00
Reconnection charge - at pole - during regular hours	\$	300.00
Reconnection charge - at pole - after regular hours	\$	820.00
Other		
Reconnection charge - at meter - during regular hours	\$	120.00
Reconnection charge - at meter - after regular hours	\$	400.00
Reconnection charge - at pole - during regular hours	\$	300.00
Reconnection charge - at pole - after regular hours	\$	820.00
Temporary service install & remove - overhead - no transformer	\$	2,040.00
Specific charge for access to the power poles (wireline attachments) - per pole/year	\$	44.50

25.00

Effective Date January 1, 2020
Implementation Date March 1, 2020
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2018-0165

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 Debt Retirement Charge, the Global Adjustment and the HST.

Retail Service Charges refer to services provided by THESL to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
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)	\$	4.08

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	1.0295
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0172
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0192
Total Loss Factor - Primary Metered Customer > 5.000 kW	1.0070

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

FR-2020-0057

RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a separately metered living accommodation, where the Competitive Sector Multi-Unit Residential classification is not applicable. Eligibility is restricted to a dwelling unit that consists of a detached house or one unit of a semi-detached, duplex, triplex or quadruplex building, with a residential zoning; a separately metered dwelling within a town house complex or apartment building; and bulk metered residential buildings with six or fewer units. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	40.08	(per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022	\$	0.48	(per 30 days)
Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024	\$	(0.02)	(per 30 days)
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$	(0.01)	(per 30 days)
Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024	\$	(0.10)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$	(2.13)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$	(0.34)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.26)	(per 30 days)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	\$/kWh	0.00099	
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kWh	0.00027	
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00033	
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kWh	(0.00009)	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account (2021)			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00821	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00662	
MONTHLY DATES AND CHARGES. Degulatory Component			
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	(per 30 days)

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0057

COMPETITIVE SECTOR MULTI-UNIT RESIDENTIAL SERVICE CLASSIFICATION

This classification is applicable to an account where electricity is used exclusively for residential purposes in a multi-unit residential building, where unit metering is provided using technology that is substantially similar to that employed by competitive sector sub-metering providers. Use of electricity in non-residential units of multi-unit buildings does not qualify for this classification and will instead be subject to the applicable commercial classification. Class B consumers are defined in accordance with O. Reg. 429/04. Further details concerning the terms of service 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	32.89	(per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$	(0.01)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$	(1.43)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$	(0.23)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.15)	(per 30 days)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	\$/kWh	0.00122	
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kWh	0.00025	
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00025	
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kWh	(0.00009)	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers)	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00821	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00662	
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	(per 30 days)

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0057

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	38.66	(per 30 days)
Rate Rider for Smart Metering Entity Charge - effective until December 31, 2022	\$	0.56	(per 30 days)
Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024	\$	(0.13)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	0.11	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.03576	
Rate Rider for Recovery of Monthly Billing Transition Costs - effective until December 31, 2022	\$/kWh	0.00018	
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$/kWh	(0.00002)	
Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024	\$/kWh	(0.00006)	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kWh	(0.00248)	
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kWh	(0.00040)	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kWh	0.00010	
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	\$/kWh	0.00185	
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kWh	0.00029	
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00038	
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kWh	(0.00009)	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers)	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00799	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00592	
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	(per 30 days)

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0057

0.25 (per 30 days)

GENERAL SERVICE 50 TO 999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 50 kW but less than 1,000 kW, or is forecast to be equal to or greater than 50 kW but less than 1,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. 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.

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.

The rate rider for the disposition of Post 2011 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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Standard Supply Service - Administrative Charge (if applicable)

Service Charge	\$	51.37	(per 30 days)
Rate Rider for Disposition of Stranded Meter Assets - effective until December 31, 2024	\$	(0.47)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.21)	(per 30 days)
Distribution Volumetric Rate	\$/kVA	8.2497	(per 30 days)
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$/kVA	(0.0013)	(per 30 days)
Rate Rider for Disposition of Expansion Deposits - effective until December 31, 2024	\$/kVA	(0.0699)	(per 30 days)
Rate Rider for Disposition of Accounts Receivable Credits - effective until December 31, 2024	\$/kVA	(0.0005)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA	(0.4304)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA	(0.0690)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA	(0.0189)	(per 30 days)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	\$/kVA	0.6523	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kVA	0.0588	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kVA	0.2422	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2021)- effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants)	\$/kVA	0.0664	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2020)- effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants) - Approved on an Interim Basis	\$/kVA	(0.0894)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kVA	(0.0347)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kVA	(0.0067)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers)	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kW	2.7026	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1393	(per 30 days)
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	

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0057

GENERAL SERVICE 1,000 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to a non-residential account whose monthly average peak demand is equal to or greater than 1,000 kW but less than 5,000 kW, or is forecast to be equal to or greater than 1,000 kW but less than 5,000 kW. This rate also applies to bulk metered residential apartment buildings or the house service of a residential apartment building with more than 6 units. 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.

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.

The rate rider for the disposition of Post 2011 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	967.95	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(5.18)	(per 30 days)
Distribution Volumetric Rate	\$/kVA	6.8173	(per 30 days)
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$/kVA	(0.0006)	(per 30 days)
Rate Rider for Disposition of Expansion Deposits - effective until December 31, 2024	\$/kVA	(0.0527)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA	(0.3244)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA	(0.0520)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA	0.0124	(per 30 days)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	\$/kVA	0.4280	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kVA	0.0707	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kVA	0.2757	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2021)- effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants)	\$/kVA	0.0760	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2020)- effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants) - Approved on an Interim Basis	\$/kVA	(0.1020)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kVA	(0.0352)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kVA	(0.0065)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers)	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020)- effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kW	2.6113	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.1371	(per 30 days)
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	(per 30 days)
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Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2020-0057

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.

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.

The rate rider for the disposition of Post 2011 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	4,284.83	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(21.80)	(per 30 days)
Distribution Volumetric Rate	\$/kVA	7.3866	(per 30 days)
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$/kVA	(0.0006)	(per 30 days)
Rate Rider for Disposition of Expansion Deposits - effective until December 31, 2024	\$/kVA	(0.0622)	(per 30 days)
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA	(0.3827)	(per 30 days)
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA	(0.0613)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA	0.0195	(per 30 days)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism (LRAMVA) - effective until Dec. 31, 2021	\$/kVA	0.6675	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kVA	0.0573	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kVA	0.2939	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2021)- effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants)	\$/kVA	0.0782	(per 30 days)
Rate Rider for Disposition of Deferral/Variance Accounts (2020)- effective until December 31, 2021			
(Applicable only for Non-Wholesale Market Participants) - Approved on an Interim Basis	\$/kVA	(0.1064)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kVA	(0.0252)	(per 30 days)
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kVA	(0.0046)	(per 30 days)
Rate Rider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers)	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020)- effective until December 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis		(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kW	2.9767	(per 30 days)
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.3743	(per 30 days)
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	(per 30 days)

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ORIGINAL
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Toronto Hydro-Electric System Limited TARIFF OF RATES AND CHARGES

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2020-0057

STANDBY POWER SERVICE CLASSIFICATION

This classification refers to an account that has Load Displacement Generation and requires THESL to provide back- up service. 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 Debt Retirement Charge, 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 applied to the contracted amount (e.g. nameplate rating of generation facility).

	Service Charge	\$	250.60	(per 30 days)
Distribution Volumetric Rate				
	For General Service 50 - 999 kW Service Classification	\$/kVA	8.2497	(per 30 days)
	For General Service 1,000 - 4,999 kW Service Classification	\$/kVA	6.8173	(per 30 days)
	For Large Use Service Classification	\$/kVA	7.3866	(per 30 days)

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

FR-2020-0057

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less whose average monthly maximum demand at each location 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 THESL 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service Charge	\$	6.33	(per 30 days)
Connection Charge (per connection)	\$	0.66	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$	(0.10)	(per 30 days)
Rate Rider for Recovery of 2020 Foregone Revenue (per connection) - effective until December 31, 2021	\$	(0.01)	(per 30 days)
Distribution Volumetric Rate	\$/kWh	0.07963	(per 50 days)
Rate Rider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$/kWh	(0.00003)	
Rate Rider for Disposition of Expansion Deposits - effective until December 31, 2024	\$/kWh	(0.00082)	
	**	,	
Rate Rider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kWh	(0.00505)	
Rate Rider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kWh	(0.00081)	
Rate Rider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kWh	(0.00121)	
Rate Rider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kWh	0.00027	
Rate Rider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Approved on an Interim Basis	\$/kWh	0.00040	
Rate Rider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applicable only for Class B Customers)	\$/kWh	(0.00009)	
Rate Rider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applicable only for Class B Customers) - Approved on an Interim Basis	\$/kWh	(0.00002)	
Rate Rider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers)	\$/kWh	0.00239	
Rate Rider for Disposition of Global Adjustment Account (2020) - effective until Dec 31, 2021			
(Applicable only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh	(0.00159)	
Retail Transmission Rate - Network Service Rate	\$/kWh	0.00497	
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.00418	
	ψ/	0.00110	
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	(per 30 days)
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Effective and Implementation Date January 1, 2021
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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 OEB 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 Debt Retirement Charge, the Global Adjustment and the HST.

Service	e Charge (per device)	\$	1.63	(per 30 days)
Distrib	ution Volumetric Rate	\$/kVA 3	6.3714	(per 30 days)
Rate R	tider for Disposition of Wireless Pole Attachment Revenue - effective until December 31, 2024	\$/kVA (0).0120)	(per 30 days)
Rate R	tider for Disposition of Expansion Deposits - effective until December 31, 2024	\$/kVA (0).3914)	(per 30 days)
Rate R	tider for Application of Operations Center Consolidation Plan - effective until December 31, 2021	\$/kVA (2	2.4094)	(per 30 days)
Rate R	tider for Disposition of the Gain on Property Sale - effective until December 31, 2021	\$/kVA (0).3860)	(per 30 days)
Rate R	tider for Recovery of 2020 Foregone Revenue - effective until December 31, 2021	\$/kVA (0	0.0879)	(per 30 days)
Rate R	tider for Disposition of Deferral/Variance Accounts (2021) - effective until Dec 31, 2021	\$/kVA	0.1156	(per 30 days)
Rate R	tider for Disposition of Deferral/Variance Accounts (2020) - effective until Dec 31, 2021			
- Appr	oved on an Interim Basis	\$/kVA	0.1402	(per 30 days)
Rate R	tider for Disposition of Capacity Based Recovery Account (2021) - effective until Dec 31, 2021			
(Applic	able only for Class B Customers)	\$/kVA (0).0305)	(per 30 days)
Rate R	tider for Disposition of Capacity Based Recovery Account (2020) - effective until Dec 31, 2021			
(Applic	able only for Class B Customers) - Approved on an Interim Basis	\$/kVA (0).0062)	(per 30 days)
Rate R	tider for Disposition of Global Adjustment Account (2021)- effective until Dec 31, 2021			
(Applic	able only for Non-RPP Customers)	\$/kWh 0	.00239	
Rate R	tider for Disposition of Global Adjustment Account (2020) - effective until December 31, 2021			
(Applic	able only for Non-RPP Customers) - Approved on an Interim Basis	\$/kWh (0.	00159)	
Retail '	Transmission Rate - Network Service Rate	\$/kW	2.4039	(per 30 days)
Retail '	Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.5507	(per 30 days)
MON	THLY RATES AND CHARGES - Regulatory Component			
Whole	sale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0030	
Capac	ity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004	
Rural	or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0005	
Standa	ard Supply Service - Administrative Charge (if applicable)	\$	0.25	(per 30 days)

Effective and Implementation Date January 1, 2021
This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

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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 utility'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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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 Debt Retirement Charge, the Global Adjustment and the HST.

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	4.49	(per 30 days)
ALLOWANCES			
Transformer Allowance for Ownership	\$/kVA	(0.62)	(per 30 days)
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.

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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 Debt Retirement Charge, the Global Adjustment and the HST.

Customer	Administration
Accoun	nt history

	Account history	Ф	25.00
	Duplicate invoices for previous billing	\$	25.00
	Request for other billing or system information	\$	25.00
	Easement letter	\$	25.00
	Income tax letter	\$	25.00
	Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	35.00
	Returned cheque (plus bank charges)	\$	25.00
	Special meter reads	\$	55.00
	Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	55.00
No	n-Payment of Account		
	Late payment - per month		
	(effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
	Reconnection charge - at meter - during regular hours	\$	120.00
	Reconnection charge - at meter - after regular hours	\$	400.00
	Reconnection charge - at meter - during regular hours	\$	300.00
	Reconnection charge - at meter - after regular hours	\$	820.00
Otl	ner		
	Reconnection charge - at meter - during regular hours	\$	120.00
	Reconnection charge - at meter - after regular hours	\$	400.00
	Reconnection charge - at meter - during regular hours	\$	300.00
	Reconnection charge - at meter - after regular hours	\$	820.00
	Temporary service install & remove - overhead - no transformer	\$	2,040.00
	Specific charge for access to the power poles (wireline attachments) - per pole/year	\$	45.39

Effective and Implementation Date January 1, 2021
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EB-2020-0057

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 THESL to retailers or customers related to the supply of competitive electricity and are defined in the 2006 Electricity Distribution Rate Handbook.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	102.00
Monthly Fixed Charge, per retailer	\$	40.80
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.02
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.61
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.61)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.51
Processing fee, per request, applied to the requesting party	\$	1.02
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)	\$	4.08

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	1.0295
Total Loss Factor - Secondary Metered Customer > 5,000 kW	1.0172
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0192
Total Loss Factor - Primary Metered Customer > 5.000 kW	1,0070