



Table of Contents

1

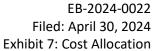
2	Та	able of Contents	1
3	Lis	st of Attachments	3
4	7.1	Cost Allocation Study Requirements	4
5	7.1	1.1 Overview	4
6	7.2	Weighting Factors	4
7	7.2	.2.1 Weighting Factor for Services - Account 1855	4
8	7.2	.2.2 Weighting Factors for Billing and Collecting - Accounts 5315-5340	5
9	7.2	2.3 Installation Cost per Meter	5
10	7.2	2.4 Weighting Factor for Meter Reading	6
11	7.3	Summary of Results and Proposed Changes	7
12	7.3	3.1 Load Profile Data	7
13	7.4	Class Specific Details	7
14	7.4	4.1 New Customer Class	7
15	7.4	4.2 Elimination of Customer Class	8
16	7.4	4.3 Unmetered Loads	8
17	7.4	4.4 Standby Rates	8
18		4.5 MicroFIT Class	
19		4.6 Embedded Distributor Class	
20	7.5	Class Revenue Requirements	
21	7.6	Revenue to Cost Ratios	
22			-
23	List o	of Tables	
24	Table	a 7.4. Comilios Weighting Feature	
24 25		e 7-1: Service Weighting Factorse 7-2: Billing and Collecting Weighting Factors	
26		e 7-3: Installation Cost per Meter	
27		e 7-4: Meter Reading Weighting Factors	
28		e 7-5: Allocated Costs	
29	Table	e 7-6: Revenue-to-Cost Ratios	9



EB-2024-0022 Filed: April 30, 2024 Exhibit 7: Cost Allocation

Page | **2**

1	Table 7-7: Calculated Class Revenue	10
2		
3		







1 List of Attachments

- 2 Attachment 7-A: Cost Allocation Model Tabs
- 3 Attachment 7-B: RRWF Cost Allocation
- 4 Attachment 7-C: Elenchus Demand Allocation Methodology



7.1 Cost Allocation Study Requirements

7.1.1 Overview

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- 3 On September 29, 2006, the Ontario Energy Board ("the "Board") issued its directions on Cost Allocation
- 4 Methodology for Electricity Distributors (the "Directions"). On November 15, 2006, the Board issued the
- 5 Cost Allocation Information Filing Guidelines for Electricity Distributors (the "Guidelines"), the Cost
- 6 Allocation Model (the "Model"), and the User Instructions (the "Instructions") for the Model. EPLC has
- 7 prepared this Application to be consistent with EPLC's understanding of the Directions, the Guidelines,
- 8 the Model, and the Instructions.
- 9 On March 31, 2011, the Board issued additional guidance entitled Review of Electricity Distribution Cost
- 10 Allocation Policy (EB-2009-0261). For the purpose of this Application, EPLC has followed the cost allocation
- 11 policies outlined in the Board's March 31, 2011, Cost Allocation Report, the Board's letter dated June 12,
- 12 2015, with regard to the treatment of Street Lighting connections, and the 2024 Cost Allocation Model
- version ("2024_Cost_Allocation_Model_1.0") issued on June 23, 2023.
- 14 In this application, EPLC has used the 2025 Cost Allocation Model version of the cost allocation model and
- submitted the cost allocation study to reflect 2025 test year costs, customer numbers and demand values.
- 16 The 2025 demand values were based on weather-normalized 2023 hourly demand values by rate class
- 17 adjusted to the weather normalized load forecast used to design rates. EPLC has developed weighting
- 18 factors as outlined below based on analyzing the costs allocated by each weighting factor.

19 7.2 Weighting Factors

The following sections outline the details associated with determining the class revenue requirements.

7.2.1 Weighting Factor for Services - Account 1855

- 22 The Weighting Factors for Services was calculated by determining the estimated average cost of servicing
- 23 the residential, GS<50, and GS>50 rate classes. EPLC then allocated a weighting factor of 1 to the
- 24 Residential rate class as is indicated on the Cost Allocation instruction sheet and calculated the relative
- 25 weighting factor for GS<50 and GS>50. EPLC determined that a weighting factor of 0.5 for the Street
- 26 Lighting and Sentinel Lighting classes was reasonable based on their relative work requirements to the
- 27 Residential Class. EPLC calculated a weighting factor of 2 and 5 for the USL and Embedded Distributor
- 28 classes based on an assessment of work required to support each respective class in relation to the
- 29 Residential class.
- 30 The weighting factors assigned for Services in the Cost Allocation Model are summarized below in Table
- 31 7-1.

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1 Table 7-1: Service Weighting Factors

Rate Class	Service Weighting Factors
Residential	1.0
GS<50	2.0
GS>50	2.5
Street Light	0.5
Sentinel	0.5
USL	2.0
Embedded Distributor	5.0

7.2.2 Weighting Factors for Billing and Collecting - Accounts 5315-5340

- 4 Accounts 5315-5340 were examined to arrive at the appropriate weighting factors for Billing and
- 5 Collecting. Separate expenses within each account were examined and where expenses related to more
- 6 than one rate class, an expense-specific factor was assessed to permit allocation. The total expense per
- 7 line per class was then calculated to determine the portion of expense related to each class. With the
- 8 Residential factor set to one, each of the other class factors were calculated.
- 9 The billing and collecting labour were weighted according to the hours required to bill an average cycle
- 10 for each class. The residential routes, on average, require approximately 5 hours to bill per month, while
- the GS>50 take approximately 15 hours per month to bill. This is due to the complexity of the data required
- to produce a bill.
- 13 Through this analysis, EPLC was able to align the Billing and Collection expenses to each rate class and
- thus calculate the factors shown below in Table 7-2.

15 Table 7-2: Billing and Collecting Weighting Factors

Rate Class	Billing & Collecting Weighting Factors
Residential	1.0
GS<50	2.0
GS>50	3.3
Street Light	1.0
Sentinel	0.8
USL	0.8
Embedded Distributor	7.2

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7.2.3 Installation Cost per Meter

EPLC 's installation costs per meter, based on accounts 1860 (Meters), 5065 (Meter Expense), and 5175

(Maintenance of Meters), were calculated based on current meter costs, labour rates, truck rates, and IT



- 1 costs, if applicable. The installed costs of EPLC's general service meters include higher capital and
- 2 installation costs, as shown in Table 7-3 below.

3 Table 7-3: Installation Cost per Meter

Meter Types	Cost Per Meter (Installed)
Single Phase 200 Amp- Urban	\$ 415
Single Phase 200 Amp- Rural	\$ 415
Central Meter 1 Phase	\$ 488
Network Meter (Costs to be updated)	\$ 551
MicroFIT 1 Phase	\$ 447
Central Meter 1 Phase- Demand	\$ 970
Demand without IT	\$ 1,175
Demand with IT	\$ 1,490
Demand with IT and Interval Capability- Sec	\$ 160
Demand with IT and Interval Capability- Pri	\$ 1,689
Demand with IT / Ant	\$ 1,600
Solar 3 Phase	\$ 1,600
600 Volt Delta	\$ 1,500

7.2.4 Weighting Factor for Meter Reading

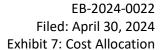
- 6 EPLC currently employs only two methods of reading its meters. The majority are smart meter reads
- 7 which are now automated and straight forward. The remaining meter reads are interval meter reads
- 8 which require relatively greater cost per unit when compared to their smart meter counterparts (i.e. 3rd
- 9 party costs, MV90 data collection costs, etc.).
- 10 EPLC completed an analysis of the costs included in meter reading and assigned the costs to the
- 11 appropriate type of meter based on the nature of the cost. Based on this analysis, EPLC calculated the
- overall cost per meter and assigned a weighting factor of 1 for the meter reading costs related to AMI
- smart meters.
- 14 EPLC currently estimates the Meter Reading Weighting Factors as shown in Table 7-4 below.

15 Table 7-4: Meter Reading Weighting Factors

Meter Read Type	Meter Read Weighting Factors
Smart Meter	1.0
Smart Meter with Demand	1.0
Interval	25.0

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Page | 7



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7.3 Summary of Results and Proposed Changes

- 2 The data used in the updated cost allocation study is consistent with EPLC's cost data that supports the
- 3 proposed 2025 Test Year Revenue Requirement outlined in the Application. Consistent with the
- 4 Guidelines, assets were broken out into primary and secondary distribution functions using current
- 5 information on the distribution system. The breakout of assets, capital contributions, depreciation,
- 6 accumulated depreciation, customer data and load data by primary, line transformer, and secondary
- 7 categories were developed from the best data available to EPLC, from its engineering records, and from
- 8 its customer and financial information systems. An Excel version of the updated cost allocation model has
- 9 been included with the filed Application.
- 10 Capital contributions, depreciation, and accumulated Depreciation by UsoA are consistent with the
- information provided on the 2025 continuity schedule shown in Exhibit 2. The rate class customer data
- used in the cost allocation model is consistent with the 2025 Customer Forecast included in Exhibit 3.

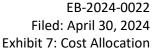
7.3.1 Load Profile Data

- 14 In a letter dated June 12, 2015, the OEB stated that it expected distributors to be mindful of material
- 15 changes to load profiles and to propose updates in their respective cost of service applications when
- warranted. In its 2018 COS application, EPLC used the load profiles provided by Hydro One in its cost
- 17 allocation models. Those load profiles were scaled to the 2018 consumption forecasts. The Hydro One
- profiles were based on 2004 data, and consumption patterns have changed since then due to factors such
- 19 as technology, macroeconomic changes, conservation programs and time of use pricing.
- 20 Since that time, EPLC has complied hourly data from 2022 and 2023 and worked with Elenchus Research
- 21 Associates to use this data to update the load profiles for each rate class.
- 22 Load profiles were derived using weather normalized 2022 and 2023 hourly load data; adjustments were
- 23 made to align the 2023 load profiles with the proposed 2025 Load Forecast (i.e. consumption forecast).
- 24 The weather-normalization process involves three steps:
- 25 A. Derive weather profile of a typical year;
- B. Derive the impact of heating degree days ("HDD") and cooling degree days ("CDD") on hourly load; and
- 28 C. Adjust actual load to typical load with the degree day impacts.

7.4 Class Specific Details

7.4.1 New Customer Class

31 EPLC is not proposing any new customer class as part of this Application.



Page | 8



7.4.2 Elimination of Customer Class

2 EPLC does not propose to eliminate any customer class.

3 7.4.3 Unmetered Loads

- 4 As part of regular business operations, EPLC regularly communicates with its unmetered load customers
- 5 to aid and assist, where necessary, as it relates to how EPLC and other distributors operate and our overall
- 6 effect on unmetered load customers (including Unmetered Scattered Load, Street Lighting, and Sentinel
- 7 Lighting).

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8 7.4.4 Standby Rates

9 EPLC is not currently requesting a separate Standby Rate as part of this Application.

10 7.4.5 MicroFIT Class

11 EPLC is not proposing to include MicroFIT as a separate class in the cost allocation model in 2025.

12 7.4.6 Embedded Distributor Class

- 13 Effective January 1st, 2007, EPLC became a Host Distributor to Hydro One Networks Inc. ("HONI") as HONI
- 14 de-registered six wholesale meters with the Independent Electricity System Operator. These de-
- 15 registrations occurred downstream of EPLC wholesale meters at the Keith and Malden delivery points.
- 16 HONI and EPLC jointly re-configured load across their systems to reduce the number of embedded points
- to three in 2018 and there have been no changes to the configuration since. As such, weighting factors
- 18 have been held the same.

19 7.5 Class Revenue Requirements

- 20 The allocated costs by rate class for the 2018 Cost of Service filing and the 2025 updated study are
- 21 provided in Table 7-5 below.





Table 7-5: Allocated Costs

Rate Class	Costs	S Allocated in 2018 Study	%	Costs Allocated in 2025 Study	%
Residential	\$	9,625,174	74.2%	14,684,864	75.3%
GS<50	\$	1,467,052	11.3%	2,078,387	10.7%
GS>50	\$	1,555,011	12.0%	2,201,558	11.3%
Street Light	\$	155,290	1.2%	305,066	1.6%
Sentinel	\$	21,704	0.2%	56,492	0.3%
USL	\$	50,024	0.4%	50,560	0.3%
Embedded Distributor	\$	98,708	0.8%	117,414	0.6%
Total	\$	12,972,963	100.0%	\$ 19,494,341	100.0%

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Revenue to Cost Ratios 7.6

The results of a cost allocation study are typically presented in the form of revenue to cost ratios. The ratio is shown by rate classification and is the percentage of distribution revenue collected by rate classification compared to the costs allocated to the classification. The percentage identifies the rate classifications that are being subsidized and those that are contributing. A percentage of less than 100% means the rate classification is under-contributing and is being subsidized by other classes of customers. A percentage of greater than 100% indicates the rate classification is over-contributing and is subsidizing other classes of customers.

In the March 31, 2011, Cost Allocation Report, the Board established what it considered to be the appropriate ranges of revenue-to-cost ratios which are summarized in Table 7-6 below. In addition, Table 7-6 provides EPLC's revenue-to-cost ratios from the 2018 Application, the updated 2025 cost allocation study and the proposed 2026-2027 ratios.

16 Table 7-6: Revenue-to-Cost Ratios

Rate Class	Previously Approved 2018 Ratios	Status Quo Ratios	2025 Proposed Ratios	2026 Proposed Ratios	2027 Proposed Ratios	2028 Proposed Ratios	Policy Range
Residential	96.20%	91.70%	94.20%	94.21%	94.17%	94.15%	85 - 115
GS<50	116.80%	119.90%	119.90%	119.92%	119.92%	119.92%	80 - 120
GS>50	103.70%	136.50%	120.00%	120.00%	120.00%	120.00%	80 - 120
Street Lights	120.00%	82.50%	94.20%	94.21%	94.17%	94.15%	80 - 120
Unmetered Scattered Load	120.00%	140.60%	120.00%	120.00%	120.00%	120.00%	80 - 120
Sentinel Lights	120.00%	40.30%	55.40%	63.15%	74.24%	80.00%	80 - 120
Embedded Distributor	120.00%	158.00%	120.00%	120.00%	120.00%	120.00%	80 - 120

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In absence of any rate mitigation there would be total bill impacts in excess of 10% for the Sentinel lighting rate class. Sentinel Light distribution rates increase in 2025 - 2027 so the total bill impact is 10%, and in 2028 distribution rates increase so it reaches the 80% revenue-to-cost floor. The lower Sentinel Light rate increases in 2025 and 2026 are offset by small increases to Residential and General Service < 50 rates.

22 EPLC is not proposing any new rates in this Application.



EB-2024-0022 Filed: April 30, 2024

Exhibit 7: Cost Allocation

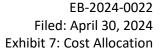
Page | **10**

- 1 The following Table 7-7 provides information on calculated class revenue, which is consistent with RRWF,
- 2 Tab 11 Cost Allocation, and Calculated Class Revenues. The resulting 2025 proposed base revenue will be
- 3 the amount used in Exhibit 8 to design the proposed distribution charges in this application.

4 Table 7-7: Calculated Class Revenue

Rate Class	20	25 Base Revenue at Existing Rates	20	25 Base Revenue Allocated at Existing Rates	2	025 Proposed Base Revenue	Miscellaneous Reveune
Residential	\$	10,992,335	\$	12,582,836	\$	12,956,439	\$ 883,263
GS<50	\$	2,075,034	\$	2,375,274	\$	2,375,274	\$ 117,225
GS>50	\$	2,549,448	\$	2,918,333	\$	2,555,629	\$ 86,240
Street Light	\$	208,082	\$	238,189	\$	273,943	\$ 13,566
Sentinel	\$	17,145	\$	19,626	\$	28,075	\$ 3,118
USL	\$	60,149	\$	68,852	\$	58,415	\$ 2,257
Embedded Distributor	\$	161,603	\$	184,986	\$	140,322	\$ 575
Total	\$	16,063,795	\$	18,388,097	\$	18,388,097	\$ 1,106,244







Attachment 7-A Cost Allocation Model Tabs

E3 E4 E5	PLCC Trial Balance Index Reconciliation	Backup documentation for calculating Peak Load Carrying Capability. Exhibit showing 1. how accounts are grouped for reporting, how accounts are categorized and how accounts are allocated Exhibit showing reconciliation of accounts included and excluded from the allocation study to TB balance
	>	



EB-2024-0020 Sheet I2 Class Selection -

Instructions:

Step 1: Please input identification of this Run in C15 and C17

Step 2: Please input your proposed rate classes.

Step 3: After all classes have been entered, Click the "Update" button in cell E41

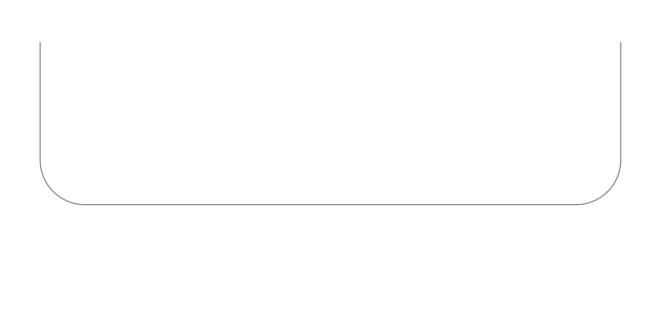
Please input the date on which this Run of the model was prepared or submitted

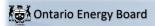
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Please provide summary identification of this Run

		Utility's Class Definition	Current
1	Residential		YES
2	GS <50		YES
3	GS>50-Regular	GS>50	YES
4	GS> 50-TOU		NO
5	GS >50-Intermediate		NO
6	Large Use >5MW		NO
7	Street Light		YES
8	Sentinel		YES
9	Unmetered Scattered Load		YES
10	Embedded Distributor		YES
11	Back-up/Standby Power		NO
12	Rate Class 1		NO
13	Rate class 2		NO
14	Rate class 3		NO
15	Rate class 4		NO
16	Rate class 5		NO
17	Rate class 6		NO
18	Rate class 7		NO
19	Rate class 8		NO
20	Rate class 9		NO

pace available for	dditional information about this run	





EB-2024-0020

Sheet I3 Trial Balance Data

Comparisons with RRWF

RRWF Reference:

9. cell F23	Return on Deemed Equity	\$3,074,726		
9. cell F19	Income Taxes (Grossed up)	\$197,057		
9. cell F22	Deemed Interest Expense	\$1,815,791		
9. cell F25	Service Revenue Requirement	\$19,494,342	From this Sheet	Differences?
	Revenue Requirement to be Used in this model (\$)	\$19,494,342	\$19,494,341	Rev Req Matches
4. cell G19	Rate Base (\$)	\$83,461,606	·	
	Rate Base to be Used in this model (\$)	\$83,461,606	\$83,461,606	Rate Base Matches

Uniform System of Accounts - Detail Accounts

USoA Account #	Accounts		Forecast Financial Statement	Model Adjustments	Reclassify accounts	Direct Allocation	Reclassified Balance
1005	Cash	П					\$0
1010	Cash Advances and Working Funds						\$0
1020	Interest Special Deposits						\$0
1030	Dividend Special Deposits						\$0
1040	Other Special Deposits						\$0
1060	Term Deposits						\$0
1070	Current Investments						\$0
1100	Customer Accounts Receivable						\$0
1102	Accounts Receivable - Services						\$0
1104	Accounts Receivable - Recoverable Work						\$0
1105	Accounts Receivable - Merchandise, Jobbing, etc.						\$0
1110	Other Accounts Receivable						\$0
1120	Accrued Utility Revenues						\$0
1130	Accumulated Provision for Uncollectible Accounts Credit						\$0
1140	Interest and Dividends Receivable						\$0
1150	Rents Receivable						\$0
1170	Notes Receivable						\$0
1180	Prepayments						\$0
1190	Miscellaneous Current and Accrued Assets						\$0
1200	Accounts Receivable from Associated Companies						\$0
1210	Notes Receivable from Associated Companies						\$0
1305	Fuel Stock						\$0
1330	Plant Materials and Operating Supplies						\$0
1340	Merchandise						\$0
1350	Other Materials and Supplies						\$0
1405	Long Term Investments in Non-Associated Companies						\$0
1408	Long Term Receivable - Street Lighting Transfer						\$0
1410	Other Special or Collateral Funds						\$0
1415	Sinking Funds						\$0
1425	Unamortized Debt Expense						\$0
1445	Unamortized Discount on Long-Term DebtDebit						\$0
1455	Unamortized Deferred Foreign Currency Translation						
	Gains and Losses						\$0
1460	Other Non-Current Assets						\$0
1465	O.M.E.R.S. Past Service Costs						\$0
1470	Past Service Costs - Employee Future Benefits						\$0
1475	Past Service Costs - Other Pension Plans	. 7					\$0

				•		
	Portfolio Investments - Associated Companies					\$0
	Investment in Associated Companies - Significant					60
	Influence					\$0 \$0
	Investment in Subsidiary Companies Unrecovered Plant and Regulatory Study Costs					\$0
	Other Regulatory Assets					\$0
	Preliminary Survey and Investigation Charges					\$0
1515 I	Emission Allowance Inventory					\$0
	Emission Allowances Withheld					\$0
	RCVARetail					\$0
	Power Purchase Variance Account					\$0
	Special Purpose Charge Assessment Variance Account					\$0
	Miscellaneous Deferred Debits					\$0
1530 I	Deferred Losses from Disposition of Utility Plant					\$0
	Renewable Connection Capital Deferral Account Renewable Connection OM&A Deferral Account					\$0 \$0
	Renewable Connection Owk A Deferral Account Renewable Connection Funding Adder Deferral Account					\$0 \$0
	Smart Grid Capital Deferral Account					\$0
1535	Smart Grid OM&A Deferral Account					\$0
1536	Smart Grid Funding Adder Deferral Account					\$0
	Unamortized Loss on Reacquired Debt					\$0
	Development Charge Deposits/ Receivables					\$0
	RCVASTR					\$0
	LV Variance Account					\$0
	Smart Meter Capital and Recovery Variance Account	_				\$0 \$0
	Smart Meter OM&A Variance Account	_				\$0 \$0
	Deferred Development Costs Deferred Payments in Lieu of Taxes	-				\$0 \$0
	Account 1563 - Deferred PILs Contra Account	-				\$0
	Conservation and Demand Management Expenditures					\$ 0
	and Recoveries					\$0
1566	CDM Contra Account					\$0
1567 I	Bd-approved CDM Variance Account					\$0
	LRAM Variance Account					\$0
	Qualifying Transition Costs					\$0
	Pre-market Opening Energy Variance					\$0
	Extraordinary Event Costs	_				\$0 \$0
1574 I	Deferred Rate Impact Amounts IFRS -CGAAP Transition PP&E Amounts					\$0 \$0
4570						
	Accounting Changes under CGAAP					\$0
	RSVAWMS					\$0
	RSVAONE-TIME					\$0
	RSVANW					\$0
	RSVACN					\$0 \$0
	RSVAPOWER RSVA-GA					\$0
	Recovery of Regulatory Asset Balances					\$0
	2006 PILs Variance					\$0
	Reg Balance Control Account					\$0
1605 I	Electric Plant in Service - Control Account					\$0
	Organization					\$0
	Franchises and Consents					\$0
	Miscellaneous Intangible Plant					\$0
	Land Land Birth					\$0
	Land Rights					\$0 \$0
1620 I	Buildings and Fixtures Leasehold Improvements					\$0
	Boiler Plant Equipment					\$0
	Engines and Engine-Driven Generators					\$0
	Turbogenerator Units					\$0
1650	Reservoirs, Dams and Waterways					\$0
	Water Wheels, Turbines and Generators					\$0
	Roads, Railroads and Bridges	_				\$0
	Fuel Holders, Producers and Accessories	_				\$0
	Prime Movers					\$0 \$0
	Generators Accessory Electric Equipment	-				\$0 \$0
	Miscellaneous Power Plant Equipment					\$0 \$0
	Land					\$0 \$0
	Land Rights					\$0
1708 I	Buildings and Fixtures					\$0
	Leasehold Improvements					\$0
	Station Equipment			ļ		\$0
	Towers and Fixtures	_				\$0
1725	Poles and Fixtures Overhead Conductors and Devices	_				\$0 \$0
	Underground Conduit	_				\$0 \$0
	Underground Conductors and Devices					\$0
	Roads and Trails					\$0
1805 I	Land		\$0			\$0
	Land Rights		\$0			\$0
1808 I	Buildings and Fixtures		\$0			\$0
	Leasehold Improvements Transformer Station Equipment - Normally Primary		\$0			\$0
1810						•
1810			\$0	<u> </u>		\$0
1810 1815	above 50 kV					
1810 1815	above 50 kV Distribution Station Equipment - Normally Primary below		0.9			en en
1810 1815 1820	above 50 kV Distribution Station Equipment - Normally Primary below 50 kV		\$0 \$0			\$0 \$0
1810 1815 1820 1825 1825 1826 1827 1828 18	above 50 kV Distribution Station Equipment - Normally Primary below		\$0 \$0 \$14,414,993			\$0 \$0 \$14,414,993
1810 1815 1820 1825 1830 1	above 50 kV Distribution Station Equipment - Normally Primary below 50 kV Storage Battery Equipment		\$0			\$0
1810 1815 1820 1825 1830 1835 1840 1	above 50 kV Distribution Station Equipment - Normally Primary below 50 kV Storage Battery Equipment Poles, Towers and Fixtures Overhead Conductors and Devices Underground Conduit		\$0 \$14,414,993 \$16,867,583 \$14,506,758			\$0 \$14,414,993 \$16,867,583 \$14,506,758
1810 1815 1820 1825 1830 1840 1845 18	above 50 kV Distribution Station Equipment - Normally Primary below 50 kV Storage Battery Equipment Poles, Towers and Fixtures Overhead Conductors and Devices Underground Conduit Underground Conduit Underground Conductors and Devices		\$0 \$14,414,993 \$16,867,583 \$14,506,758 \$18,678,037			\$0 \$14,414,993 \$16,867,583 \$14,506,758 \$18,678,037
1810 1815 1820 1825 1830 1835 1840 1845 1850	above 50 kV Distribution Station Equipment - Normally Primary below 50 kV Storage Battery Equipment Poles, Towers and Fixtures Overhead Conductors and Devices Underground Conduit Underground Conductors and Devices Line Transformers		\$0 \$14,414,993 \$16,867,583 \$14,506,758 \$18,678,037 \$28,142,366			\$0 \$14,414,993 \$16,867,583 \$14,506,758 \$18,678,037 \$28,142,366
1810 1815 1820 1825 1830 1835 1840 1845 1850 1855	above 50 kV Distribution Station Equipment - Normally Primary below 50 kV Storage Battery Equipment Poles, Towers and Fixtures Overhead Conductors and Devices Underground Conduit Underground Conduit Underground Conductors and Devices		\$0 \$14,414,993 \$16,867,583 \$14,506,758 \$18,678,037			\$0 \$14,414,993 \$16,867,583 \$14,506,758 \$18,678,037

1985		blank row	\$276,636,331			_
1870 Labored Progressor 18		Other Installations on Customer's Premises	\$0			
1900 167 170 180	1870	Leased Property on Customer Premises	\$0	-		\$0
100						
Section of Fathers						
1930 Comparison Compariso						
1900 Compared Conference 1900		Leasehold Improvements				
2013 Compare Schwere 2014 2015 201						
1920 1920						
1995 Series Congressed Copyright 1994 1995						
100.00 Description of Control State 100.00						
Description Computer Content Personnel Size						
1995 1995						\$70,247
Moderness Engagners 530 100						\$U \$102.478
1995 1995						
General Content of C						
Section Supervisor (Control Control						
300						
1980 Other Tampshie Proposity 100						
2005 Property (June Capiel Leaves 15 20 20 20 20 20 20 20 2						
Section Plant Purchased or Boots Section Plant Purchased Class Section Plant Purchased Colors Section Plant Peter By For Status Section Plant Plant Peter By For Status Section Plant Peter By For Status Section Plant Peter By For Status Section Plant Peter By For Sta						
Departmental Exectic Plant Lectars (Internal Contents of Decard Contents of Decard of Experiment Lectars (Internal Contents of Decard of Experiment Contents of Decard of Decard of Contents of Decard of Contents of Decard of Decard of Contents of Decard of Deca						\$0
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Selectic Plant Health of Future Lise						\$0 en
Completed Construction Not Classified - Electric 1905 Controller Work & Proposed - Electric 1905 Controller Work & Proposed - Electric 1905 Controller Work & Proposed - Electric 1906 Controller 1906						\$0 \$0
Construction Work in Progress-Electric 200 Electric Plant Acqualition Autorition (Autorition Control		Completed Construction Not ClassifiedElectric				\$0
2007 Other Electic Pearl Adjustment	2055	Construction Work in ProgressElectric				\$0
2007 Short-Ulity Property Chreed or Under Capital Leases 10		Electric Plant Acquisition Adjustment				\$0
Social Property Cyaned or Unifor Capital Lesses Social Property Capital						\$0
2009 Accum Amortzation of Electric Utility Plant - Property Part A. Education of Electric Utility Plant - (\$0.000, \$0.000)						
Part & Equipment 2100 2100 2100 2100 2100 2100 2100 210		Accum. Amortization of Electric Utility Plant - Property,				
thanquibles 1440 Accounted Amortization of Electric Paril Acquisition Addistributed 1440 Accounted Amortization of Electric Paril Acquisition Addistributed 1450 Accounts Payable 1			(\$50,325,962)			(\$50,325,962)
2160 Accumulated Amorization of Electric Plant Acquisition 2160 Accumulated Amorization of Other Utility Plant 2160 Accumulated Amorization of Other Utility Plant 2070 Accumulated Amorization of Other Utility Plant 2070 Accumulated Amorization of Other Plant Property 2070 Current Credit Balances 2070 Customer Credit Balances 2070 Customer Credit Balances 2070 Accumulated Amorization of Customer Deposits 2070 Customer Credit Balances 2070 Accumulated Amorization of Customer Deposits 2070 Microsimer Deposits 2070 Delit Retirement Charges (DRC) Psyalite 2070 Delit Retirement Charges (DRC) Psyalite 2070 Microsimer Deposits of Charges Psyalite 2070 Current Portion of Long Term Debt 2070 Microsimer Deposits Deposits of Charges Psyalite 2070 Microsimer Deposits Deposits of Charges Psyalite Deposits Depo	2120		(#2.0E0.447)			(\$2.250.447)
Adjustment	2140		(\$3,230,447)			(\$3,236,447)
200 Accountabled Amortization of Non-Utility Property 200 Accountable Papable 2010 Customer Credit Stationes 301 2010 Customer Credit Stationes 302 2020 Customer Credit Stationes 303 2020 Customer Credit Stationes 303 2020 Customer Credit Stationes 303 2020 Miscellaneous Current and Accuract Lubrities 304 2020 Miscellaneous Current and Accuract Lubrities 305 2020 Miscellaneous Current and Accuract Lubrities 306 2020 Miscellaneous Current and Accuract Lubrities 307 2020 Miscellaneous Current and Accuract Lubrities 308 2020 Chell Retirement Charges (DRC) Payable 309 2021 Chell Retirement Charges (DRC) Payable 309 2020 Chell Retirement Charges (DRC) Payable 309 2020 Chell Retirement Charges (DRC) Payable 309 2020 Chell Retirement Charges (DRC) Payable 309 2021 Chell Retirement Charges (DRC) Payable 309 2020 Chell Retirement Charges and Penalties 309 2020 Chell Retirement Charges and Penalties 309 2020 Chell Retirement Charges and Penalties 309 2020 Charge Hydro Chell Charges (Chell Retirement Charges) 300 2020 Charge Hydro Chell Charges (Charge Hydro) 300 2020 Charge Hydro Charges (Charge Hydro) 301 2020 Charge Debut Long Term Debt (Charge Hydro) 302 2020 Charge Debut Long Term Debt (Charge Hydro) 303 304 305 305 306 307 307 307 307 307 307 307 307 307 307	2110					\$0
2206						\$0
2206 Customer Credit Balances 50 2210 Current Portion of Customer Deposits 50 2210 Dividench Declared 50 2210 Moltes and Learn Payable 50 2220 Michael Annual Payable 50 2220 Debt Reterement Charges (DRC) Payable 50 2220 Debt Reterement Charges (DRC) Payable 50 2220 Transmission Charges Payable 50 2220 Transmission Charges Payable 50 2220 Michael Michael Michael Payable 50 2220 Michael Michael Michael Payable 50 2220 Michael Michael Michael Michael Payable 50 2220 Michael Mi						
2215 Dividend Declared						
2220 Miscelaneous Current and Accrued Liabilities 2220 Motes and Joans Payable 3220 Motes Mote						\$0
2226 Notes and Loans Payable						\$0
2242 Notes Payable to Associated Companies						\$0
2242 Notes Payable to Associated Companies						\$0
2250 Debt Retirement Charges (DRC) Payable						\$0 \$0
2254 Teansmission Charges Payable						
2266 Independent Market Operator Fees and Penalties 9						\$0
Payable S0						\$0
2262 Ourent Portion of Long Term Debt 50	2256					60
2264 Pensions and Employee Benefits - Current Portion	2260					\$0
2264 Pensions and Employee Benefits - Current Portion						\$0
2277 Matured Long Term Debt \$90 \$92 \$92 \$10 \$1						\$0
2295 Obligations Under Capital Leases—Current 9.0 9.		Accrued Interest on Long Term Debt				\$0
2295 Obligations Under Capital Leases—Current 9.0 9.		Matured Interest on Long Term Debt				\$0
2292						\$0
2292	2290	Commodity Taxes				
2396						\$0
2305 Accumulated Provision for Injuries and Damages 9.0						\$0
2306						\$0 \$0
2308 Other Pensions - Past Service Liability Sot						\$0
2320 Other Miscellaneous Non-Current Liabilities \$0 \$0 \$235 Obligations Under Capital Lease—Non-Current \$0 \$0 \$0 \$235 Long Term Customer Deposits \$0 \$0 \$2340 Collateral Funds Liability \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	2308	Other Pensions - Past Service Liability				\$0
2320 Other Miscellaneous Non-Current Liabilities \$0 \$0 \$235 Obligations Under Capital Lease—Non-Current \$0 \$0 \$0 \$235 Long Term Customer Deposits \$0 \$0 \$2340 Collateral Funds Liability \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$						\$0
2325 Obligations Under Capital Lease-Non-Current \$0 \$0 \$0 \$233 Development Charge Fund \$0 \$0 \$233 Development Charge Fund \$0 \$0 \$233 \$0 \$0 \$0 \$0 \$0 \$0 \$0						\$0
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0 \$0
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0	2335	Long Term Customer Deposits				\$0
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0 en
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
2410 Deferred Gains from Disposition of Utility Plant \$0 2415 Unamortized Gain on Reacquired Debt \$0 2425 Other Deferred Credits \$0 2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0	2405	Other Regulatory Liabilities				\$0
2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
2435 Accrued Rate-Payer Benefit \$0 2505 Debentures Outstanding - Long Term Portion \$0 2510 Debenture Advances \$0 2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
2505 Debentures Outstanding - Long Term Portion \$0 \$0						\$0
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2515 Reacquired Bonds \$0 2520 Other Long Term Debt \$0 2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0	2510	Debenture Advances				\$0
2525 Term Bank Loans - Long Term Portion \$0 2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
2530 Ontario Hydro Debt Outstanding - Long Term Portion \$0 2550 Advances from Associated Companies \$0 3005 Common Shares Issued \$0 3008 Preference Shares Issued \$0						\$0
3008 Preference Shares Issued \$0		Ontario Hydro Debt Outstanding - Long Term Portion				\$0 \$0
3008 Preference Shares Issued \$0						\$0
3008 Preference Shares Issued \$0 3010 Contributed Surplus \$0	3005	Common Shares Issued				\$0
3010 Contributed Surplus \$0		Preference Shares Issued				
	3010	Contributed Surplus		L		\$0

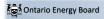
1992 Document Record or Capital Stock 1992 1993		D # D : 1						60
SIGN Description (Section Entropy) 100 Metal Internation (Section Entropy) 101 Metal Recommend (Section Entropy) 102 Metal Recommend (Section Entropy) 103 Metal Recommend (Section Entropy) 104 Section (Section Entropy) 105 April Section (Section Entropy) 106 Section (Section Entropy) 107 Metal Recommend (Section Entropy) 108 Description (Section Entropy) 108 Description (Section Entropy) 109 Description (Section Entropy) 100 Description (Section Entropy)		Donations Received						\$0
Montainment Resident Capital								\$0
Social Security Ration Company (Committee) Social Security Ration Ration Company (Committee) Social Security Ration Ration (Company (Committee) Social Security Ration Ration								\$0
3986 Description of Patients of Patients 1999								\$0
Section Process Proc	3035	Installments Received on Capital Stock						\$0
Description								\$0
300 300		Unappropriated Retained Farnings						\$0
1,000 1,00		Balance Transferred From Income			0.9		0.2	(\$3,074,726)
2008 Chromit Papel Certure States			_		40		φ0	
Doctors Popular Common Reviews								\$0
3305 Augument to Restance Restance Restance								\$0
2005 Advanced to Receive Every E	3049	Dividends Payable-Common Shares						\$0
Jacobs J								\$0
1975 Non-cliffs South-clored Court 1975 197								\$0
Comparison Com								\$0
According Decompton Engage Select			_					
4015		Residential Energy Sales						\$0
Section Sect								\$0
4400 Jeffer Control State Cont	4015	Industrial Energy Sales						\$0
4400 Jeffer Control State Cont	4020	Energy Sales to Large Users						\$0
Session Liprices Control Calebra Session Control Calebra Session Calebra Ses								\$0
								\$0
ABOS Design State of Patient Authorises								\$0
Brings Select to Reflected and Reflexes		General Energy Sales						
According to the Personal Control of the Personal Co								\$0
	4045	Energy Sales to Railroads and Railways						\$0
Progress	4050	Revenue Adjustment						\$0
	4055							\$0
								\$0
According to Acco								\$0
4068 Black N.			_					
March Marc								\$0
Additional Services Environ.								\$0
								\$0
	4069	Billed LV						\$0
4004 Service Presented Reports (311) November 50 1 1 1 1 1 1 1 1 1		Distribution Services Revenue		\$0				\$0
400		Retail Services Revenues						\$0
400		Convice Transaction Requests (CTD) Revenues	_					
400		Service Transaction Requests (STR) Revenues	_					\$0
		SSS Admin Charge						\$0
### 4705 Interlogate Transmission Services Revenue ### 50 ### 4705 Interlogate Transmission Services Revenue ### 30 ### 4705 Interlogate Transmission Services Revenue ### 30 ### 4705 Own Unit Character Se		Electric Services Incidental to Energy Sales						\$0
### 4705 Interlogate Transmission Services Revenue ### 50 ### 4705 Interlogate Transmission Services Revenue ### 30 ### 4705 Interlogate Transmission Services Revenue ### 30 ### 4705 Own Unit Character Se	4105	Transmission Charges Revenue		\$0				\$0
4200								\$0
4215								\$0
4200 Order Educk Powersons 50 (32 420		Pont from Flootric Property						(\$155,000)
1.00 1.00		Rent Horn Electric Property	_	(\$100,000)				(\$100,000)
1.00 1.00		Other Utility Operating Income						\$0
4293 Sales Pawment Changes (\$2)		Other Electric Revenues						\$0
### Additional Service Revenues (\$192,000) \$152,000 ### Additional Service Revenues Residual 50 (\$76,000) \$(\$423-50) ### Additional Service Revenues Residual 50 (\$76,000) \$(\$4240) ### Additional Revenues Revenues Residual 50 (\$355,03) \$(\$35,03) ### Additional Revenues Reve	4225	Late Payment Charges		(\$210,000)				(\$210,000)
### Additional Service Revenues (\$192,000) \$152,000 ### Additional Service Revenues Residual 50 (\$76,000) \$(\$423-50) ### Additional Service Revenues Residual 50 (\$76,000) \$(\$4240) ### Additional Revenues Revenues Residual 50 (\$355,03) \$(\$35,03) ### Additional Revenues Reve	4230	Sales of Water and Water Power		\$0				\$0
423-54 Account Set Up Charges 50 (\$76,000) (\$2425-90 Microbian 190 (\$76,000) (\$3425-90 Microbian 190 (\$76,000) (\$3425-90 Microbian 190 (\$76,000) (\$3425-90 Microbian 190 Microbian 190 (\$3425-90 Microbian 190 Microbian 1						\$152,000		\$0
4240 Proteins Service Revenues - Restaud 50 (\$76,000) (\$4240 Proteins Carelled Hunds 50 (\$30,000) (\$4240 Proteins Carelled Its Income (\$306,000)		Account Set Un Charges						(\$76,000)
4246 Provision for Rate Refunds (\$34 4256 4266 4267 4267 4267 4267 4268								
4305 Regulatory Debits 30 30 30 30 30 30 30 3						(\$76,000)		(\$76,000)
4310 Regulatory Credits 50		Provision for Rate Refunds						\$0
4310 Regulatory Credits 50		Government Assistance Directly Credited to Income		(\$365,033)				(\$365,033)
4315 Regulatory Credits 50	4305			\$0				\$0
4315 November from Electric Plant Leased to Others 50								\$0
4325 Special Purpose Charge Recovery 50		Pevenues from Electric Plant Leased to Others						\$0
4325 Special Purpose Charge Recovery 50		Expenses of Electric Plant Leased to Others						\$0
4335 Royenues from Merchandise, Jobbing, Etc. 50								
4330 Costs and Expenses of Merchandising, Jobbing, Etc. 4335 Profits and Losses from Financial Instrument Hodges 4346 Received the Profits and Losses from Financial Instrument Hodges 4347 Costs from Disposition of Future Use Utility Plant 4350 Costs from Disposition of Future Use Utility Plant 4350 Costs from Disposition of Future Use Utility Plant 4350 Costs from Disposition of Future Use Utility Plant 4350 Costs from Disposition of Future Use Utility Plant 4350 Costs from Disposition of Future Use Utility Plant 4350 Costs from Disposition of Eviture Use Utility Plant 4350 Costs from Disposition of Evity and Other Property 4350 Costs from Disposition of Evity and Other Property 4350 Costs from Disposition of Evity and Other Property 4370 Costs from Disposition of Allowances for Emission 4370 Costs from Disposition of Allowances of Emission 4371 Costs from Disposition of Allowances of Emission 4371 Costs from Disposition of Allowances of Emission 4371 Costs from Disposition of Emission 4372 Costs from Disposition of Emission 4373 Costs from Disposition of Emission 4374 Costs from Disposition of Emission 4375 Costs from Disposition of Emission 4376 Costs from D		Special Purpose Charge Recovery						\$0
4340 Profits and Losses from Financial Instrument So		Revenues from Merchandise, Jobbing, Etc.						\$0
4345 Gains from Disposition of Future Use Utility Plant 50	4330	Costs and Expenses of Merchandising, Jobbing, Etc.		\$0				\$0
4345 Gains from Disposition of Future Use Utility Plant 50	4335	Profits and Losses from Financial Instrument Hedges		\$0				\$0
14345 Gains from Disposition of Future Use Utility Plant 50	4340							
4350 Losses from Disposition of Future Use Utility Plant 53		Investments		\$0				\$0
4350 Losses from Disposition of Future Use Utility Pant 4355 36 36 36 36 36 36 36	1315	Coins from Disposition of Future Llee Utility Plant						\$0
4355		Losses from Disposition of Future Lies Utility Plant						\$0
4376 Losses from Disposition of Allowances for Emission \$147,910 \$15,8480 \$2,9480 \$31,9490 \$31,9		Coin on Disposition of Hillib and Other Present	_					
4376 Losses from Disposition of Allowances for Emission \$147,910 \$15,4380 \$147,910 \$1,4380 \$147,910 \$1,4380		Gain on Disposition of Utility and Other Property						(\$75,000)
4376 Losses from Disposition of Allowances for Emission \$147,910 \$15,8480 \$2,9480 \$31,9490 \$31,9		Loss on Disposition of Utility and Other Property						\$45,000
4376 Losses from Disposition of Allowances for Emission \$147,910 \$15,8480 \$2,9480 \$31,9490 \$31,9		Gains from Disposition of Allowances for Emission						\$0
Sevense from Non-Utility Operations S142,599 S14390 S147,910 S147,	4370	Losses from Disposition of Allowances for Emission	_ 1					\$0
Single September Single	4375							(\$162,539)
4385 Non-Utility Rental Income (\$30 000) (\$5	4380	Expenses of Non-Utility Operations		(1 - 17				\$147,910
4390 Miscellaneous Non-Operating Income (\$30,000) (\$3,000)								\$0
4395 Rate-Payer Benefit Including Interest \$0								(\$30,000)
4398 Foreign Exchange Gains and Losses, Including \$3,000 \$1,000			_					(\$30,000)
Amortization S3,000 S1,000 S1,0			_	\$0				\$0
Interest and Dividend Income (\$152.582) (\$154.582)	4398							
A415 Equity in Earnings of Subsidiary Companies \$0		Amortization						\$3,000
A415 Equity in Earnings of Subsidiary Companies \$0		Interest and Dividend Income		(\$152,582)				(\$152,582)
4505 Operation Supervision and Engineering	4415	Equity in Earnings of Subsidiary Companies		\$0				\$0
4510 Fuel				17				\$0
4515 Steam Expense								\$0
4520 Steam From Other Sources								\$0
4525 Steam Transferred-Credit 4530 Electric Expense 4535 Water For Power 4540 Water Power Taxes 4545 Hydraulic Expenses 4550 Generation Expense 4555 Miscellaneous Power Generation Expenses 4560 Rents 4565 Allowances for Emissions 4600 Maintenance of Supervision and Engineering 4610 Maintenance of Structures 4612 Maintenance of Electric Plant 4620 Maintenance of Reservoirs, Dams and Waterways			_					
4530 Electric Expense								\$0
4535 Water For Power								\$0
4535 Water For Power		Electric Expense						\$0
4540 Water Power Taxes								\$0
4545 Hydraulic Expenses 4550 Generation Expense 4555 Miscellaneous Power Generation Expenses 4560 Rents 4565 Allowances for Emissions 4605 Maintenance Supervision and Engineering 4610 Maintenance of Structures 4615 Maintenance of Boller Plant 4620 Maintenance of Electric Plant 4620 Maintenance of Reservoirs, Dams and Waterways								\$0
4550 Generation Expense								\$0
4555 Miscellaneous Power Generation Expenses 4560 Rents 4565 Allowances for Emissions 4605 Maintenance Supervision and Engineering 4610 Maintenance of Structures 4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways			_					\$0 \$0
4560 Rents 4565 Allowances for Emissions 4605 Maintenance Supervision and Engineering 4610 Maintenance of Structures 4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways		Generation Expense						\$0
4565 Allowances for Emissions 4605 Maintenance Supervision and Engineering 4610 Maintenance of Structures 4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways								\$0
4565 Allowances for Emissions 4605 Maintenance Supervision and Engineering 4610 Maintenance of Structures 4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways	4560	Rents	_ [\$0
4605 Maintenance Supervision and Engineering 4610 Maintenance of Structures 4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways								\$0
4610 Maintenance of Structures 4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways								\$0
4615 Maintenance of Boiler Plant 4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways								\$0
4620 Maintenance of Electric Plant 4625 Maintenance of Reservoirs, Dams and Waterways	4605		_					\$0 \$0
4625 Maintenance of Reservoirs, Dams and Waterways	4605 4610	rivialitienalice of polici Platit	_					
4625 Maintenance of Reservoirs, Dams and Waterways 4630 Maintenance of Water Wheels, Turbines and	4605 4610 4615							\$0
4630 Maintenance of Water Wheels, Turbines and	4605 4610 4615 4620	Maintenance of Electric Plant						\$0
	4605 4610 4615 4620 4625	Maintenance of Electric Plant Maintenance of Reservoirs, Dams and Waterways						ΨΟ
Generators	4605 4610 4615 4620 4625	Maintenance of Electric Plant	-					
	4605 4610 4615 4620 4625 4630	Maintenance of Electric Plant Maintenance of Reservoirs, Dams and Waterways Maintenance of Water Wheels, Turbines and						\$0
4640 Maintenance of Miscellaneous Power Generation Plant	4605 4610 4615 4620 4625 4630	Maintenance of Electric Plant Maintenance of Reservoirs, Dams and Waterways Maintenance of Water Wheels, Turbines and						

1471 Contract Note 150				1		
Comparison Com		Power Purchased	\$58,204,653			\$58,204,653
1478 Course Court of Court			\$2,442,412			\$2,442,412
March 1971 Charge-March 200 School 1972 School 197	4710	Cost of Power Adjustments				\$0
4.1. Company May an expense of the company of the c	4712	Charges-One-Time				\$0
3. Speen Copyrish and Lord Depathships 4778 Organization Services 478 Org		Charges-NW	\$5,856,757			\$5,856,757
April Company Compan			***************************************			\$0
Company Comp			\$4 135 672			\$4,135,672
473 Composition Fernance Courses Composition Fernance Course			ψ+,100,072			\$0
State Beine Assestances Represent 1970 Company						
Compare March Compare Compar						\$0
401. Souther Services and Politecting Congress 402. South Designation and Politecting Congress 403. South Designation and Politecting Congress 404. South Designation and Politecting Congress 405. South Designation and Politecting Congress 406. South Designation and Politecting Congress 406. South Designation of Politecting Congress 407. South Designation of Politecting Congress 408. South Designation of Politecting Congress 408. South Designation of Politecting Congress 409. South Designation Congress 40						\$734,928
Description Supervision and Engineering			\$2,003,892			\$2,003,892
Additional Company of Trainment Content of Company of	4751	Charges - Smart Metering Entity Charge	\$129,071			\$129,071
Additional Company of Trainment Content of Company of	4805	Operation Supervision and Engineering				\$0
Auto-	4810	Load Dispatching				\$0
4400 Overhead time Expanses 450 Overhead						\$0
Section Committee Commit						\$0
Section Company of Tenders Compa						\$
Additional Common Com	4023					
Additional Company of Company o						\$0
Additional Content of Content o						\$0
description						\$0
Additional Commission of Engineering and Foliations Additional Commission of Commission State (Commission Commission						\$0
Membranes Standards States S	4845	Miscellaneous Transmission Expense				\$0
Membranes Standards States S	4850	Rents				\$0
April Description of Transformer State Distriction States (1997) Authorithment of Coverage of Transformer State (1997) Authorithment State (1997) Authorithmen						\$0
Fintures 4/10 Martineance of Transformer Station Equipment 4/10 Martineance of Combact Control Programs 4/10 Martineance of Combact Control 4/10 Martineance Control 4/1						
Manipulation of Tromers Need and Finders						\$0
4850 Maintenance of Covers, Potes and Fibratives 4850 Maintenance of Covers, Potes and Fibratives 4850 Maintenance of Covers of Covers of Potes 4850 Maintenance of Maintenance of Potes 4850 Maintenance of Maintenance of Potes 4850 Maintenance of Maintenance Overson Superior of Maintenance Superior of Maintenance Overson Superior of Maintenance Superior Overson Superior Overson Superior of Maintenance Superior Overson Superior Supe	4916					\$0
Maintenance of Overhead Control States Spart of Way						\$0
Maintenance of Combend Lines - Royal or Way						\$0
### Repairs ##						
Repairs Working and Trails Working and Expenses						\$0
Wasternance of Overhead Lines - Snow Removal from Research Control of the Property of State Control of Sta	4945					
Roads and Trails						\$0
4969. Maintenance of Underground Lines 4969. Maintenance of Miscollescour Tresensission Plant 5912. Storte Dadings and Fathers Expense 5910. Storte Dadings and Fathers Expense 5910. Transformer Station Equipment - Operation Supplies 5910. Durification Station Equipment - Operation Supplies and Expenses 5920. Overhead Distribution Lines and Feeders - Operation 5920. Overhead Distribution Lines & Feeders - Operation 5920. Ov	4950					[
4905 Martenance of Mascelaneous Treatmenson Plant 505 505 Operation Separation and Engineering 510 510 510 505 5						\$0
4905 Martenance of Mascelaneous Treatmenson Plant 505 505 Operation Separation and Engineering 510 510 510 505 5	4960	Maintenance of Underground Lines				\$0
Spot Control Supervision and Engineering Spot						\$0
Section Sect			\$76.435			\$76,435
5014. Transformer Station Equipment - Operation Labour 50 50 50 50 50 50 50 50 50 50 50 50 50				Ì		\$197,969
						\$0
5016 Distribution Station Equipment - Operation Supplies 50 2017 Distribution Station Equipment - Operation Supplies and 50 2017 Distribution Station Equipment - Operation Supplies and 50 2017 Distribution Station Equipment - Operation Supplies and 50 2017 Distribution Lines and Feeders - Operation Labour Station Equipment - Operation Supplies and Supplies and Expenses						\$0
and Expenses			\$0			\$0
5017 Distribution Station Equipment - Operation Supplies and Expenses 502 Distribution Station Equipment - Operation Supplies and Expenses 518,007 Supplies and Expenses 518,007 Supplies and Expenses 520,000 Supplies Sup	5015					
Destinution Station Equipment - Operation Supplies and Expenses 10						\$0
Expenses 500			\$0			\$0
State	5017	Distribution Station Equipment - Operation Supplies and				
Section		Expenses	\$0			\$0
S1022 Overhead Distribution Lines & Feeders - Operation \$20,000 \$20,00	5020	Overhead Distribution Lines and Feeders - Operation				
Section Sect		Labour	\$179,207			\$179,207
Supplies and Expenses	5025	Overhead Distribution Lines & Feeders - Operation				
9330 Overhead Subtrutor Transformers - Operation 90 90 90 90 90 90 90 9			\$52 665			\$52,665
Social Content	5030					\$0
Section Sect						\$0
Operation Labour			\$0			φ0
Supervision Supervision and Engineering Supervision Supervision and Engineering Supervision Supervision and Engineering Supervision Supervision and Engineering Supervision Superv	5040					400.075
Supplies & Expenses S8.70 S8.			\$86,275			\$86,275
Solid	5045					1
Section Sect						\$36,570
Solition Size Lighting and Signal System Expense Solition	5050					\$0
\$33.491 \$35.505 \$35.	5055	Underground Distribution Transformers - Operation	\$38,399			\$38,399
\$33,241 \$35,500 \$35,	5060	Street Lighting and Signal System Expense	\$0			\$0
\$5070 Customer Premises - Operation Labour \$5095 \$5055	5065		\$332,491			\$332,491
Soft						\$564,505
Solition Stations						\$0
English						\$193.151
Paid S095 Overhead Distribution Lines and Feeders - Rental Paid S10 S112 S115 S			\$130,151			ψ190,101
Sopposite Sopp	3090		**			•0
Solid	5005					\$0
Sition						\$0
Sations				ļ		\$132,433
Stations			\$15,070			\$15,070
Silizar	5110					[
Site						\$0
S120						\$0
S120						\$0
S125		Maintenance of Poles, Towers and Fixtures	\$109,792			\$109,792
\$130			\$182,625			\$182,625
5135 Overhead Distribution Lines and Feeders - Right of Way \$514.612 \$5 5145 Maintenance of Underground Conductors and Devices \$9 \$5 5150 Maintenance of Underground Services \$98.297 \$\$ 5155 Maintenance of Underground Services \$178.490 \$\$ 5160 Maintenance of Underground Services \$178.490 \$\$ 5160 Maintenance of Underground Services \$178.490 \$\$ 5170 Sentinel Lights - Labour \$0 \$\$ 5170 Sentinel Lights - Labour \$0 \$\$ 5175 Maintenance of Meters \$0 \$\$ 5176 Maintenance of Meters \$2.498 \$\$ 5178 Customer Installations Expenses- Leased Property \$0 \$\$ 5185 Mater Heater Rentals - Materials and Expenses \$0 \$\$ 5190 Water Heater Controls - Labour \$0 \$\$ 5192 Water Heater Controls - Materials and Expenses \$0 \$\$ 5195 Maintenance of Other Installations on Customer Premises \$0						\$112,853
State Stat			. ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Side		Overnead Distribution Lines and Feeders - Right of Way	\$514 612			\$514,612
S150 Maintenance of Underground Conductors and Devices S98,297 S165 Maintenance of Underground Services S178,490 S176,490 S1770	5145	Maintenance of Underground Conduit		Ì		\$0
\$155						\$98,297
Sample S						\$178,490
Sentine Lights - Labour						\$176,490 \$84.555
Sentinel Lights - Labour						
Sentinel Lights - Materials and Expenses \$0 \$1775 Maintenance of Meters \$2.498 \$1775 Customer Installations Expenses-Leased Property \$0 \$1785 Water Heater Rentals - Labour \$0 \$0 \$1785 Water Heater Rentals - Materials and Expenses \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$						\$0
5175 Maintenance of Meters \$2,498 5178 Customer Installations Expenses-Leased Property \$0 5185 Water Heater Rentals - Labour \$0 5190 Water Heater Controls - Labour \$0 5192 Water Heater Controls - Labour \$0 5192 Water Heater Controls - Materials and Expenses \$0 5195 Maintenance of Other Installations on Customer Premises \$0 5205 Purchase of Transmission and System Services \$0 5210 Transmission Charges \$0 5215 Transmission Charges Recovered \$0 5305 Supervision \$225,691						\$0
S178 Customer Installations Expenses- Leased Property \$0 \$185 Water Heater Rentals - Labour \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$				ļ		\$0
S185 Water Heater Rentals - Labour \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$						\$2,498
5186 Water Heater Rentals - Materials and Expenses \$0						\$0
5186 Water Heater Rentals - Materials and Expenses \$0	5185	Water Heater Rentals - Labour	\$0			\$0
S190 Water Heater Controls - Labour \$0						\$0
S192 Water Heater Controls - Materials and Expenses \$0						\$0
5195 Maintenance of Other Installations on Customer Premises \$0 5205 Purchase of Transmission and System Services \$0 5210 Transmission Charges \$0 5215 Transmission Charges Recovered \$0 5305 Supervision \$225.691				Ì		\$0
Premises \$0 5205 Purchase of Transmission and System Services \$0 5210 Transmission Charges \$0 5215 Transmission Charges Recovered \$0 5305 Supervision \$225.691			40			***
5205 Purchase of Transmission and System Services \$0 5210 Transmission Charges \$0 5215 Transmission Charges Recovered \$0 5305 Supervision \$225,691	0100		\$0			\$0
5210 Transmission Charges \$0 5215 Transmission Charges Recovered \$0 5305 Supervision \$225.691						\$0
5215 Transmission Charges Recovered \$0 5305 Supervision \$225.691	FOOF					
5305 Supervision \$225,691 \$22			\$0	ļ		\$0
	5210					
	5210 5215	Transmission Charges Recovered				\$0
5310 Meter Reading Expense \$18,450 \$	5210 5215 5305	Transmission Charges Recovered Supervision	\$225,691		 	\$225,691

Sal15 Customer Billing St.031,057	\$1,031,057 \$605,006 \$05,000 \$120 \$80,000 \$12,650 \$0 \$25,000
5325 Collection—Cash Over and Short \$0 \$120	\$80,000 \$12,650 \$0 \$25,000
\$330 Collection Charges \$120	\$80,000 \$12,650 \$0 \$25,000
5335 Bad Debt Expense \$80,000 5340 Miscellaneous Customer Accounts Expenses \$12,650 5405 Supervision \$0 5410 Community Relations - Sundry \$25,000 5415 Energy Conservation \$0 5420 Community Safety Program \$0 5425 Miscellaneous Customer Service and Informational \$0	\$12,650 \$0 \$25,000
5405 Supervision \$0 5410 Community Relations - Sundry \$25,000 5415 Energy Conservation \$0 5420 Community Safety Program \$0 5425 Miscellaneous Customer Service and Informational \$0	\$0 \$25,000
5405 Supervision \$0 5410 Community Relations - Sundry \$25,000 5415 Energy Conservation \$0 5420 Community Safety Program \$0 5425 Miscellaneous Customer Service and Informational \$0	\$25,000
5410 Community Relations - Sundry \$25,000 5415 Energy Conservation \$0 5420 Community Safety Program \$0 5425 Miscellaneous Customer Service and Informational \$0	
S420 Community Safety Program \$0	\$0
5425 Miscellaneous Customer Service and Informational	
	\$0
Expenses \$0	\$0
5505 Supervision \$0	\$0
5510 Demonstrating and Selling Expense \$0	\$0
5515 Advertising Expense \$2,500	\$2,500
5520 Miscellaneous Sales Expense \$0	\$0
5605 Executive Salaries and Expenses \$482,365	\$482,365
5610 Management Salaries and Expenses \$2,193,387 \$105,800	\$2,087,587
5615 General Administrative Salaries and Expenses \$289,038	\$289,038
5620 Office Supplies and Expenses \$282,160	\$282,160
5625 Administrative Expense Transferred Credit \$0	\$0
5630 Outside Services Employed \$249,149	\$249,149
5635 Property Insurance \$23,000	\$23,000
5640 Injuries and Damages \$76,025	\$76,025
5645 Employee Pensions and Benefits \$160,000	\$160,000
5650 Franchise Requirements \$0 5655 Regulatory Expenses \$556,416	\$0 \$556,416
	\$556,416 \$0
5660 General Advertising Expenses \$0 5665 Miscellaneous General Expenses \$185,706	\$0 \$185,706
5670 Rent \$0 5675 Maintenance of General Plant \$594,902	\$0 \$594,902
5880 Electrical Safety Authority Fees \$14,400	\$14,400
3000 Electrical satety Autonity rees 314,400 Secial Purpose Charge Expense 514,400	\$14,400
5685 Independent Market Operator Fees and Penalties	\$0
5705	
7 Willout Expense - Freporty, Flatte, and Equipment \$3,457,532	\$3,457,632
5710 Amortization of Limited Term Electric Plant	\$0
5715 Amortization of Intangibles and Other Electric Plant \$592,401	\$592,401
5720 Amortization of Electric Plant Acquisition Adjustments	\$0
5725 Miscellaneous Amortization	\$0
5730 Amortization of Unrecovered Plant and Regulatory	
Study Costs Study Costs	\$0
5735 Amortization of Deferred Development Costs	\$0
5740 Amortization of Deferred Charges	\$0
6005 Interest on Long Term Debt \$0 \$0	\$1,815,791
6010 Amortization of Debt Discount and Expense	\$0
6015 Amortization of Premium on Debt Credit	\$0
6020 Amortization of Loss on Reacquired Debt	\$0
6025 Amortization of Gain on Reacquired Debt-Credit	\$0 \$0
6030 Interest on Debt to Associated Companies	\$0 \$0
6035 Other Interest Expense 6040 Allowance for Borrowed Funds Used During	\$0
6040 Allowance for Borrowed Funds Used During ConstructionCredit \$0	\$0
G042 Allowance For Other Funds Used During Construction 50	\$0
0042 Allowance For Uniter runds Used During Construction 50 6045 Interest Expense on Capital Lease Obligations 50	\$0
0045 Interest Expense on Capital Lease Obligations 50 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$44,000
6110 Taxes Union Train Income Taxes \$-4,000 \$0.078 \$6,078 \$6,078 \$0.078	\$197,057
6115 Provision for Future Income Taxes 50	\$0
6205 Donations	\$0
6205-1 Sub-account LEAP Funding \$16,820	\$16,820
6210 Life Insurance	\$0
6215 Penalties	\$0
6225 Other Deductions	\$0
6305 Extraordinary Income	\$0
6310 Extraordinary Deductions	\$0
6315 Income Taxes, Extraordinary Items	\$0
6405 Discontinues Operations - Income/ Gains	\$0
6410 Discontinued Operations - Deductions/ Losses	\$0
6415 Income Taxes, Discontinued Operations	\$0

\$0

Reclassification Equals to Zero. O.K. to Proceed.



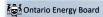
EB-2024-0020 Sheet I4 Break Out Worksheet -

Instructions:
This is an input sheet for the Break Out of Distribution Assets, Contributed Capital, Amortization, and Amortization Expenses.
"Please see Instructions tab for detailed instructions."

Enter Net Fixed Assets from the Revenue Requirement Work Form, Rate Base sheet, cell G15 \$77,171,797

					BALA	NCE SHEET ITE	EMS					EXPENS	SE ITEMS	
RATE B	ASE AND DISTRIBUTION ASSETS										5705	5710	5715	5720
Account	Description	Break out Functions	BREAK OUT (%)	BREAK OUT (\$)	After BO	Contributed Capital - 1995	Accumulated Depreciation - 2105 Capital Contribution	Accumulated Depreciation - 2105 Fixed Assets Only	Accumulated Depreciation - 2120	Asset net of Accumulated Depreciation and Contributed Capital	Amortization Expense - Property, Plant, and Equipment	Amortization of Limited Term Electric Plant	Amortization of Intangibles and Other Electric Plant	Amortization of Electric Plant Acquisition Adjustments
1565	Conservation and Demand Management	\$0		-	-					-				
1805	Land	\$0		\$0	-									
1805-1	Land Station >50 kV			\$0						-				
1805-2 1806	Land Station <50 kV Land Rights	\$0	100.00%	\$0 \$0	-					-				
1806-1	Land Rights Station >50 kV	ΨU		\$0	-					-				
1806-2	Land Rights Station <50 kV		100.00%	\$0	-					-				
1808	Buildings and Fixtures	\$0		\$0 \$0						_				
1808-2	Buildings and Fixtures > 50 kV Buildings and Fixtures < 50 KV		100.00%	\$0 \$0	-					-				
1810	Leasehold Improvements	\$0		\$0	-									
1810-1 1810-2	Leasehold Improvements >50 kV		100.00%	\$0 \$0	-					-				
1815	Leasehold Improvements < 50 kV Transformer Station Equipment -	\$0	100.00%	\$0						-				
1820	Normally Primary above 50 kV Distribution Station Equipment -	\$0		\$0						-				
	Normally Primary below 50 kV Distribution Station Equipment	90			_									
1820-1	- Normally Primary below 50 kV (Bulk)			\$0	-					-				
1820-2	Distribution Station Equipment - Normally Primary below 50 kV Primary)			\$0	-					-				
1820-3	Distribution Station Equipment - Normally Primary below 50 kV (Wholesale Meters)		100.00%	\$0	-					-				
1825	Storage Battery Equipment	\$0		\$0	-									
1825	Storage Battery Equipment > 50 kV			\$0	-					-				
1825	Storage Battery Equipment <50 kV		100.00%	\$0						-				
1830	Poles, Towers and Fixtures	\$14,414,993		(\$14,414,993)										
1830	Poles, Towers and Fixtures - Subtransmission Bulk Delivery			\$0	-					-				
1830	Primary		43.00%	\$6,198,447	6,198,447	(\$756,793)	\$91,516	\$ (1,461,515)		4,071,655	\$132,133			
1830	Poles, Towers and Fixtures - Secondary		57.00%	\$8,216,546	8,216,546	(\$1,003,191)	\$121,312	\$ (1,937,357)		5,397,310	\$175,153			
1835 1835-3	Overhead Conductors and Devices Overhead Conductors and Devices -	\$16,867,583		(\$16,867,583) \$0	-					_				
1835-4	Subtransmission Bulk Deliverv Overhead Conductors and Devices -		84.00%	\$14,168,769	14,168,769					8,624,305				
1835-5	Primary Overhead Conductors and Devices -		16.00%	\$2,698,813	2,698,813	(\$1,729,921)	\$209,193	\$ (4,023,735)		1,642,725	\$237,073			
1840	Secondary Underground Conduit	\$14,506,758	10.00%	(\$14,506,758)	2,000,010	(\$329,509)	\$39,846	\$ (766,426)		.,042,720	\$45,157			
1840-3	Underground Conduit - Bulk	\$14,000,756		(\$14,506,756) \$0						_				
1840-4	Delivery Underground Conduit - Primary		58.00%	\$8,413,920	8,413,920	(\$1.027.289)	\$124.226	\$ (3.197.185)		4,313,672	\$194,464			
1840-4	Underground Conduit - Primary Underground Conduit - Secondary		42.00%	\$6,092,838	6,092,838	(\$1,027,289) (\$743,899)	\$124,226 \$89,957	\$ (3,197,185) \$ (2,315,203)		3,123,693	\$194,464 \$140,818			
1845	Underground Conductors and Devices	\$18,678,037		(\$18,678,037)	-	(43,033)	423,001	(2,2.3,200)						
1845-3	Underground Conductors and Devices - Bulk Delivery			\$0	-					-				
1845-4	Underground Conductors and Devices - Primary		65.00%	\$12,140,724	12,140,724	(\$1,482,309)	\$179,250	\$ (5,728,035)		5,109,629	\$319,629			
1845-5	Underground Conductors and Devices - Secondary		35.00%	\$6,537,313	6,537,313	(\$798,167)	\$96,519	\$ (3,084,327)		2,751,339	\$172,108			
1850	Line Transformers	\$28,142,366		\$0	28,142,366	(\$3,436,014)	\$415,503	\$ (9,832,513)		15,289,342	\$552,346			
1855	Services	\$20,058,436		\$0	20,058,436	(\$2,449,014)	\$296,150	\$ (5,893,170)		12,012,402	\$430,038			
1860	Meters	\$11,202,950		\$0	11,202,950	(\$1,367,813)	\$165,404	\$ (6,672,821)		3,327,721	\$326,697			
	Total	\$123,871,123		\$0	\$123,871,123	(\$15,123,919)	\$1,828,875	(\$44,912,285)	\$0	65,663,794	\$2,725,616	\$0	\$0	\$0
	SUB TOTAL from I3	\$123,871,123												
	•	•	•								5705	5710	5715	5720
											5/05	37 10	3/13	3/20

										5705	5710	5715	5720
General Plant		Break out Functions			Contributed Capital - 1995	Accumulated Depreciation - 2105 Capital Contribution	Accumulated Depreciation - 2105 Fixed Assets Only	Accumulated Depreciation - 2120	Net Asset	Amortization Expense - Property, Plant, and Equipment	Amortization of Limited Term Electric Plant	Amortization of Intangibles and Other Electric Plant	Amortization of Electric Plant Acquisition Adjustments
1905	Land	\$190,119		190,119			\$ -		\$ 190,119	\$0			
1906	Land Rights	\$353,856		353,856				\$ (68,182)	\$ 285,674			\$7,181	
1908	Buildings and Fixtures	\$5,215,589		5,215,589			\$ (1,021,804)		\$ 4,193,785	\$96,112			
1910	Leasehold Improvements	S0					s -		\$ -	\$0			
1915	Office Furniture and Equipment	\$593.757		593,757			\$ (289,665)		\$ 304,092	\$38,955			
1920	Computer Equipment - Hardware	\$2,187,639		2,187,639			\$ (1,400,776)		\$ 786,863	\$198,447			
1925	Computer Software	\$5,541,980		5,541,980				\$ (3,190,265)	\$ 2,351,714			\$585,220	
1930	Transportation Equipment	\$6,235,589		6,235,589			\$ (3,353,356)		\$ 2,882,233	\$278,021			
1935	Stores Equipment	\$134,945		134,945			\$ (75,908)		\$ 59,037	\$13,332			
1940	Tools, Shop and Garage Equipment	\$1,091,069		1.001.060			e (722.202)		e 267.776	eso 054			



EB-2024-0020

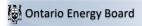
Sheet I4 Break Out Worksheet -

Instructions:
This is an input sheet for the Break Out of Distribution Assets, Contributed Capital, Amortization, and Amortization Expenses.
"Please see Instructions tab for detailed instructions."

Enter Net Fixed Assets from the Revenue	
Requirement Work Form, Rate Base sheet,	\$77,171,797
cell G15	

					BALA	NCE SHEET ITE	MS					EXPENS	SE ITEMS	
RATE BA	ASE AND DISTRIBUTION ASSETS										5705	5710	5715	5720
Account	Description	Break out Functions	BREAK OUT (%)	BREAK OUT (\$)	After BO	Contributed Capital - 1995	Accumulated Depreciation - 2105 Capital Contribution	Accumulated Depreciation - 2105 Fixed Assets Only	Accumulated Depreciation - 2120	Asset net of Accumulated Depreciation and Contributed Capital	Amortization Expense - Property, Plant, and Equipment	Amortization of Limited Term Electric Plant	Amortization of Intangibles and Other Electric Plant	Amortization of Electric Plant Acquisition Adjustments
1945	Measurement and Testing Equipment	\$70,247			70.247			S (68,386)		S 1.861	\$626			
1950	Power Operated Equipment	\$0			-			s -		S -	\$0			
1955	Communication Equipment	\$192.478			192,478			\$ (190,107)		\$ 2,371	\$876			
1960	Miscellaneous Equipment	S0			-			\$ -		S -	\$0			
1970	Load Management Controls - Customer Premises	\$0			_			s -		s -	\$0			
1975	Load Management Controls - Utility Premises	\$0			_			s -		s -	\$0			
1980	System Supervisory Equipment	\$201,736			201,736			\$ (109,257)		\$ 92,479	\$47,593			
1990	Other Tangible Property	S0						\$ -		\$ -	\$0			
2005	Property Under Capital Leases	\$0			-			\$ -		S -	\$0			
2010	Electric Plant Purchased or Sold	\$0						s -		\$ -	\$0			
	T													
	Total SUB TOTAL from I3	\$22,009,003		\$0	\$22,009,003	\$0	\$0	(\$7,242,552)	(\$3,258,447)	\$11,508,003	\$732,016	\$0	\$592,401	\$0
	I3 Directly Allocated	\$22,009,003 \$0												
	Grand Total	\$145.880.125		\$0	\$145.880.125	(\$15.123.919)	\$1.828.875	(\$52.154.837)	(\$3.258.447)	\$77,171,797	\$3,457,632	\$0	\$592,401	\$0
To be I	Prorated Contributed Capital - 1995	(\$15,123,919)	ı			\$15,123,919	Balanced							
2105	Accumulated Depreciation - 2105	(\$50,325,962)						\$50,325,962	Balanced					
2120	Accumulated Depreciation - 2120	(\$3,258,447)							\$3,258,447	Balanced				
	Total	(\$68,708,328)									Ī			
	Net Assets	\$77,171,797	Net Fixed Assets Match											
Amortizat	ion Expenses													
5705	Amortization Expense - Property, Plant, and Equipment	\$3,457,632									(\$3,457,632)	Balanced		
5710	Amortization of Limited Term Electric Plant	\$0										\$0	Balanced	
5715	Amortization of Intangibles and Other Electric Plant	\$592,401											(\$592,401)	Balanced
5720	Amortization of Electric Plant Acquisition Adjustments	\$0												\$0
	Total Amortization Expense	\$4,050,033												

\$0 Balanced



EB-2024-0020

Sheet I5.1 Miscellaneous Data Worksheet -

Structure KM (kMs of Roads in Service Area that have distribution line)	460.5
Deemed Equity Component of Rate Base (ref: RRWF 7. cell F24)	40%
Working Capital Allowance to be included in Rate Base (%)	7.5%
Portion of pole leasing revenue from Secondary - Remainder assumed to be Primary (%)	57%



EB-2024-0020

Sheet 15.2 Weighting Factors Worksheet

	1	2	3	7	8	9	10
	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
Insert Weighting Factor for Services Account 1855	1.0	2.0	2.5	0.5	0.5	2.0	5.0
Insert Weighting Factor for Billing and Collecting	1.0	2.0	3.3	1.0	0.8	0.8	7.2



EB-2024-0020

Sheet I6.1 Revenue Worksheet -

Total kWhs from Load Forecast 591,672,692

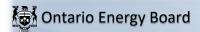
Total kWs from Load Forecast 797,374

Deficiency/sufficiency (RRWF 8. cell F51) - 2,324,302

Miscellaneous Revenue (RRWF 5. cell F48)

_			1	2	3	7	8	9	10
	ID	Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
Billing Data									
Forecast kWh	CEN	591,672,692	284,634,106	70,835,308	197,879,033	2,433,601	262,328	1,383,562	34,244,754
Forecast kW	CDEM	797,374			698,414	7,372	716		90,871
Forecast kW, included in CDEM, of customers receiving line transformer allowance Optional - Forecast kWh, included in		126,351			126,351				
CEN, from customers that receive a line transformation allowance on a kWh basis. In most cases this will not be applicable and will be left blank.		_							
KWh excluding KWh from Wholesale Market Participants	CEN EWMP	578,047,052	284,634,106	70,835,308	184,253,393	2,433,601	262,328	1,383,562	34,244,754
Existing Monthly Charge			\$31.10	\$41.91	\$274.38	\$3.86	\$3.69	\$10.40	\$648.55
Existing Distribution kWh Rate				\$0.0144				\$0.0324	
Existing Distribution kW Rate					\$2.6533	\$10.4546	\$10.5858		\$1.4358

Existing TOA Rate					\$0.60				
Additional Charges									
Distribution Revenue from Rates		\$16,139,607	\$10,992,335	\$2,075,034	\$2,625,259	\$208,082	\$17,145	\$60,149	\$161,603
Transformer Ownership Allowance		\$75,811	\$0	\$0	\$75,811	\$0	\$0	\$0	\$0
Net Class Revenue	CREV	\$16,063,796	\$10,992,335	\$2,075,034	\$2,549,448	\$208,082	\$17,145	\$60,149	\$161,603



EB-2024-0020

Sheet I6.2 Customer Data Worksheet -

			1	2	3	7	8	9	10
	ID	Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
Billing Data									
Bad Debt 3 Year Historical Average	BDHA	\$81,387	\$73,063	\$8,118	\$205	\$0	\$0	\$0	\$0
Late Payment 3 Year Historical Average	LPHA	\$81,386	\$73,063	\$8,118	\$205				
Number of Bills	CNB	385,611	353,451	25,173.11	2,814.19	60.00	2,591.35	1,473.23	48
Number of Devices	CDEV		29,454	2,098	235	2,828	216	123	4
Number of Connections (Unmetered)	CCON	34,958	29,454	2,098	235	2,828	216	123	4
Total Number of Customers	CCA	32,134	29,454	2,097.76	235	5	216	123	4
Bulk Customer Base	ССВ	32,132	29,454	2,098	233	5	216	123	4
Primary Customer Base	CCP	32,350	29,454	2,098	233	223	216	123	4
Line Transformer Customer Base	CCLT	32,338	29,454	2,096	227	223	216	123	
Secondary Customer Base	ccs	32,120	29,454	2,096	227	5	216	123	
Weighted - Services	cwcs	36,024	29,454	4,196	586	1,414	108	246	20
Weighted Meter -Capital	CWMC	14,494,155	12,477,814	1,775,971	233,614	-	-	-	6,756
Weighted Meter Reading	CWMR	367,548	354,459	9,058	3,931	-	-	-	100
Weighted Bills	CWNB	416,944	353,451	50,346	9,371	57	2,151	1,223	344

Bad Debt Data

Historic Year:	2021	52,924	47,961	4,963				
Historic Year:	2022	90,783	79,335	11,448				
Historic Year:	2023	100,453	91,894	7,943	616			
Three-year average		81,387	73,063	8,118	205	-	-	-



EB-2024-0020

Sheet 17.1 Meter Capital Worksheet -

											1														
	Г		Residential			GS <50			GS>50			Street Light			Sentinel		Unr	netered Scattered	Load	E	mbedded Distribut	tor		TOTAL	
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
		Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs	Number of Meters	Weighted Metering Costs	Weighted Average Costs
	Allocation Percentage Weighted Factor			86.09%			12%			2%			0%			0%			0%			0%			100%
	Cost Relative to Residential Average Cost			1.00			2.00			2.35			-			-			-			3.99			1.08
	Total	29454.27285	12477814.23	423.6334163	2098	1775971	846.506673	235	233614	994.1021277	1 0	0	-	0	0	-	0	0	-	4	6756	1689	31791,27285	14494155.23	455.9161661
Meter Types	Cost per Meter (Installed)	20404.21200	12477014.20	420.0004100	2000		040.000010	100	250014	334.102.1277		,									5755	1000	01/01/2/200	14404100.20	400.3101001
Single Phase 200 Amp -	415	27.676	11485653 23		953	395495						0						0					28.629	11881148.23	
Single Phase 200 Amp - Rura		27,070	0		4	1660						Ö			Ö			Ö			0		4	1660	
Central Meter	488	101	49288		77	37576						0			0			0			0		178	86864	
Network Meter (Costs to be																									1
updated) Three-phase - No demand	551	1,437	791787			0						0			0			0			0		1,437	791787	
Smart Meters			U			U 0			-			0			- 0			0			0		0	- 0	
Demand without IT (usually									,															- 0	
three-phase)	1,175		0		730	857750		78	91650			0			0			0			0		808	949400	
Demand with IT	1,490	42	62580		143	213070		12	17880			0			0			0			0		197	293530	
Demand with IT and Interval Capability - Secondary	160					640		-,	11840									_			l .		70	12480	
Demand with IT and Interval	160		U		4	640		/4	11840	-		0			_ u			U			0		/8	12480	
Capability - Primary	1,689		0			0		6	10134			0			0			0		4	6756		10	16890	
Demand with IT and Interval																									
Capability -Special (WMP)			0			0						0			0			0			0		0	0	
Micro- Fit 1 Phase Central Meter 1 Phase -	447	198	88506			0						0			0			0		-	0		198	88506	
Demand	970				44	42680		3	2910						۱ ،			۱ ،			۱ ،		47	45590	1
Dem w IT / Ant	1600		0		110	176000		62	99200			0			0			0			0		172	275200	
Solar 3 Phase	1600		0		16	25600		-				0			0			0			0		16	25600	
600 Volt Delta	1500		0		17	25500						0			0			0			0		17	25500	
LDC Specific Smart Meter 6			0			0						0			0			0			0		0	0	
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LDC Specific Smart Meter 15			0			0						0			0			0			0		0	0	



EB-2024-0020 Sheet 17.2 Meter Reading Worksheet -

Contractor Pricing																										
				1			2			3			7			8			9			10				_
Description				Residential			GS <50			GS>50			Street Light			Sentinel			Unmetered Scatt	ered Load		Embedded Distr	ibutor		TOTAL	
			Units W	/eighted Factor A	Weighted Average Costs	Units	Weighted Factor	Weighted Average Costs	Units	Weighted Factor A	Weighted verage Costs	Units	Weighted Factor	Weighted Average Costs	Units	Weighted Factor	Weighted Average Costs	Units	Weighted Fa	Weighted Average Cos	Units	Weighted Fac	tor Weighted Average Cost	Units	Weighted Factor	Weighted Average Costs
'	Allocation Percer Weighted Fact				96.44%			2.46%			1.07%			0.00%			0.00%			0.00%			0.03%			100.00%
	Cost Relative to Res Average Cos				1.00			4.31			16.68			0.00			0.00			0.00			24.93			46.91
		Total	353,451	354,459	1.00	2,098	9,058	4.32	235	3,931	16.73		-	- 0		-	0		-	- 0		4 1	00 25.	0 355,78	367,548	47
	Fa	ctor																								
Residential - Urban - Outside Residential - Urban - Outside		⊢		0			0			0			0			0			0			0			-	
with other services				0			0			0			0			0			0			0				
Residential - Urban - Inside				0			0			0			0			0			0			0			-	
Residential - Urban - Inside - with other services				0			0			0			0			0			0			0			_	
Residential - Rural - Outside				0			0			0			0			0			0			0				
Residential - Rural - Outside				0			0			0			0			0			0			0				
with other services Smart Meter	1	.00	353.409	353 409		1.808	1.808		81	81			0			0			0			0		355.29	355.298	
Smart Meter with Demand		.00	42	1,050		290	7,250		154	3,850			0			0			0		4	100		49		
GS - Walking GS - Walking - with other		<u> </u>		0			0			0			0			0			0			0			-	
services				0			0			0			0			0			0			0				
GS - Vehicle with other services TOU Read				0			0			0			0			0			0			0			_	
GS - Vehicle with other services				0			0			0			0			0			0			0			_	
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EB-2024-0020

Sheet I8 Demand Data Worksheet -

This is an input sheet for demand allocators.

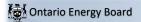
CP TEST RESULTS	4 CP
NCP TEST RESULTS	4 NCP
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Co-incident Peak	Indicator
1 CP	CP 1
4 CP	CP 4
12 CP	CP 12
Non-co-incident Peak	Indicator
1 NCP	NCP 1
4 NCP	NCP 4
12 NCP	NCP 12

			1	2	3	7	8	9	10
Customer Classes		Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
		CP Sanity Check	Pass	Pass	Pass	Pass	Pass	Pass	Pass
CO-INCIDENT	PEAK		•			•		•	
1 CP									
Transformation CP	TCP1	131,218	83,830	13,787	33,421	-	-	158	21
Bulk Delivery CP	BCP1	131,218	83,830	13,787	33,421	-	-	158	21
Total Sytem CP	DCP1	131,218	83,830	13,787	33,421	-	-	158	21
4 CP									
Transformation CP	TCP4	511,071	317,822	54,836	137,545	-		632	235
Bulk Delivery CP	BCP4	511.071	317,822	54,836	137,545	-	-	632	235
Total Sytem CP	DCP4	511,071	317,822	54,836	137,545	-	-	632	235
12 CP									
	TCP12	1,146,478	674,592	132,177	333,961	2,914	314	1,895	625
Transformation CP Bulk Delivery CP	BCP12	1,146,478	674,592	132,177	333,961	2,914	314	1,895	625
Total Sytem CP	DCP12	1,146,478	674,592	132,177	333,961	2,914	314	1,895	625
Total Sytem Ci	DOI 12	1,140,470	074,002	132,177	333,301	2,314	314	1,033	023
NON CO_INCIDE	NT PEAK								
		NCP Sanity Check	Pass	Pass	Pass	Pass	Pass	Pass	Pass
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Classification NCP from									
Load Data Provider	DNCP1	139,725	83,830	16,192	38,527	614	66	158	338
Primary NCP	PNCP1	139,725	83.830	16,192	38.527	614	66	158	338
Line Transformer NCP	LTNCP1	132,417	83,830	16,192	31,557	614	66	158	-
Secondary NCP	SNCP1	132,417	83,830	16,192	31,557	614	66	158	-
4 NCP Classification NCP from									
Load Data Provider	DNCP4	540,808	324,149	61,958	150,466	2,457	265	632	881
Primary NCP	PNCP4	540,808	324,149	61,958	150,466	2,457	265	632	881
Line Transformer NCP	LTNCP4	512,706	324,149	61,958	123,245	2,457	265	632	-
Secondary NCP	SNCP4	512,706	324,149	61,958	123,245	2,457	265	632	-
	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,	,,	, ,			
12 NCP									
Classification NCP from	DNCP12	1,247,009	697,272	152,995	204.040	7 000	704	4.005	1.074
Load Data Provider Primary NCP	PNCP12	1,247,009	697,272	152,995 152,995	384,812 384,812	7,366 7,366	794 794	1,895 1,895	1,874 1,874
Line Transformer NCP	LTNCP12	1,175,518	697,272	152,995	315,195	7,366	794	1,895	1,074
Secondary NCP	SNCP12	1,175,518	697,272	152,995	315,195	7,366	794	1,895	-
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EB-2024-0020

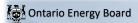
Sheet 01 Revenue to Cost Summary Worksheet -

Instructions

Please see the first tab in this workbook for detailed instruction

Class Revenue, Cost Analysis, and Return on Rate Base

			1	2	3	7	8	9	10
Rate Base Assets		Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
crev mi	Distribution Revenue at Existing Rates Miscellaneous Revenue (mi)	\$16,063,796 \$1,106,244	\$10,992,335 \$883,263	\$2,075,034 \$117,225	\$2,549,448 \$86,240	\$208,082 \$13,566	\$17,145 \$3,118	\$60,149 \$2,257	\$161,603 \$575
	Total Davisson of Evilation Dates			ue Input equals Ou		\$221,647	\$20,263	600 400	6460 470
	Total Revenue at Existing Rates Factor required to recover deficiency (1 + D)	\$17,170,040 1.1447	\$11,875,598	\$2,192,258	\$2,635,688	\$221,647	\$20,263	\$62,406	\$162,179
	Distribution Revenue at Status Quo Rates	\$18,388,097	\$12,582,836	\$2,375,274	\$2,918,333	\$238,189	\$19,626	\$68,852	\$184,986
	Miscellaneous Revenue (mi)	\$1,106,244	\$883,263	\$117,225	\$86,240	\$13,566	\$3,118	\$2,257	\$575
	Total Revenue at Status Quo Rates	\$19,494,341	\$13,466,100	\$2,492,499	\$3,004,573	\$251,755	\$22,744	\$71,109	\$185,561
		****	410,100,100		40,000,000	7201,700	,: : : -	41.,100	, ,,,,,,,,
	Expenses								
di	Distribution Costs (di)	\$2,289,398	\$1,623,228	\$242,829	\$373,241	\$37,159	\$5,332	\$6,053	\$1,557
cu	Customer Related Costs (cu)	\$2,872,468	\$2,442,707	\$309,706	\$51,717	\$45,928	\$13,157	\$7,480	\$1,773
ad	General and Administration (ad)	\$5,089,068	\$4,004,158	\$544,748	\$423,518	\$81,886	\$18,137	\$13,345	\$3,276
dep	Depreciation and Amortization (dep)	\$4,050,033	\$2,945,321	\$436,243	\$587,544	\$60,074	\$8,537	\$10,092	\$2,222
INPUT	PILs (INPUT)	\$197,057	\$142,129	\$21,104	\$29,652	\$3,099	\$439	\$526	\$108 \$994
INT	Interest Total Expenses	\$1,815,791 \$16,313,815	\$1,309,653 \$12,467,195	\$194,465 \$1,749,095	\$273,226 \$1,738,898	\$28,559 \$256,706	\$4,043 \$49,645	\$4,850 \$42,347	\$9,931
	Total Expenses	\$10,513,015	\$12,467,195	\$1,749,095	\$1,730,030	\$256,706	\$49,045	\$42,34 <i>1</i>	\$3,331
	Direct Allocation	\$105,800	\$0	\$0	\$0	\$0	\$0	\$0	\$105,800
NI	Allocated Net Income (NI)	\$3,074,726	\$2,217,669	\$329,292	\$462,660	\$48,361	\$6,847	\$8,213	\$1,684
	Revenue Requirement (includes NI)	\$19,494,341	\$14,684,864	\$2,078,387	\$2,201,558	\$305,066	\$56,492	\$50,560	\$117,414
		Revenue Re	quirement Input ed	quals Output					
	Rate Base Calculation								
	Net Assets								
dp	Distribution Plant - Gross	\$123,871,123	\$89,854,732	\$13,324,636	\$18,237,166	\$1,815,104	\$262,981	\$308,843	\$67,660
gp	General Plant - Gross	\$22,009,003	\$15,889,470	\$2,358,834	\$3,299,713	\$342,182	\$48,624	\$58,131	\$12,048
	Accumulated Depreciation	(\$53,584,409)	(\$39,104,732)	(\$5,790,877)	(\$7,704,323)	(\$723,967)	(\$107,855)	(\$123,469)	(\$29,187)
со	Capital Contribution Total Net Plant	(\$15,123,919) \$77,171,797	(\$10,970,722) \$55,668,748	(\$1,626,858) \$8,265,736	(\$2,226,648) \$11,605,909	(\$221,613) \$1,211,705	(\$32,108) \$171,643	(\$37,708) \$205,797	(\$8,261) \$42,260
	Total Net Flant	\$11,111,131	\$55,000,740	\$0,205,730	\$11,005,505	\$1,211,705	\$171,043	\$205,757	\$42,26U
	Directly Allocated Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
СОР	Ct-f P (COP)	672 507 206	P2C 44C 442	60 000 007	600 577 055	£207.700	£22.47E	6474.074	£4 220 722
COP	Cost of Power (COP) OM&A Expenses	\$73,507,386 \$10,250,934	\$36,116,412 \$8,070,092	\$8,966,687 \$1,097,283	\$23,577,655 \$848,476	\$307,762 \$164,973	\$33,175 \$36,626	\$174,971 \$26,878	\$4,330,723 \$6.606
	Directly Allocated Expenses	\$10,250,934	\$6,070,092	\$1,097,283	\$040,470	\$104,973	\$30,020	\$20,678	\$105,800
	Subtotal	\$83,864,120	\$44,186,504	\$10,063,969	\$24,426,132	\$472,736	\$69.801	\$201,849	\$4,443,129
	Subtotal	\$63,604,120	\$44,180,504	\$10,063,969	\$24,420,132	\$472,730	\$09,807	\$201,849	\$4,443,129
	Working Capital	\$6,289,809	\$3,313,988	\$754,798	\$1,831,960	\$35,455	\$5,235	\$15,139	\$333,235
	Total Rate Base	\$83,461,606	\$58,982,736	\$9,020,534	\$13,437,869	\$1,247,160	\$176,878	\$220,935	\$375,495
		Rate E	Base Input equals	Output					
	Equity Component of Rate Base	\$33,384,642	\$23,593,094	\$3,608,213	\$5,375,148	\$498,864	\$70,751	\$88,374	\$150,198
	Net Income on Allocated Assets	\$3,074,726	\$998,905	\$743,404	\$1,265,675	(\$4,951)	(\$26,902)	\$28,763	\$69,831
	Net Income on Direct Allocation Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Net Income	\$3,074,726	\$998,905	\$743,404	\$1,265,675	(\$4,951)	(\$26,902)	\$28,763	\$69,831
	RATIOS ANALYSIS								
	REVENUE TO EXPENSES STATUS QUO%	100.00%	91.70%	119.92%	136.47%	82.52%	40.26%	140.64%	158.04%



EB-2024-0020

Sheet 01 Revenue to Cost Summary Worksheet -

Instructions:

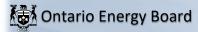
lease see the first tab in this workbook for detailed instruction:

Class Revenue, Cost Analysis, and Return on Rate Base

Rate Base Assets

EXISTING REVENUE MINUS ALLOCATED COSTS
STATUS QUO REVENUE MINUS ALLOCATED COSTS
RETURN ON EQUITY COMPONENT OF RATE BASE

	1	2	3	7	8	9	10
Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
(\$2,324,301)	(\$2,809,266)	\$113,872	\$434,131	(\$83,419)	(\$36,229)	\$11,846	\$44,764
Deficiency Input equals Output							
\$0	(\$1,218,764)	\$414,112	\$803,015	(\$53,311)	(\$33,748)	\$20,550	\$68,147
9.21%	4.23%	20.60%	23.55%	-0.99%	-38.02%	32.55%	46.49%



EB-2024-0020

Sheet 02 Monthly Fixed Charge Min. & Max. Worksheet -

Output sheet showing minimum and maximum level for Monthly Fixed Charge

Summary

Customer Unit Cost per month - Avoided Cost

Customer Unit Cost per month - Directly Related

Customer Unit Cost per month - Minimum System
with PLCC Adjustment

Existing Approved Fixed Charge

1	2	3	7	8	9	10
Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
\$6.93	\$12.67	\$19.34	\$1.35	\$4.60	\$4.60	\$38.14
\$13.39	\$24.15	\$36.72	\$2.72	\$9.24	\$9.26	\$72.33
\$27.14	\$44.69	\$61.05	\$8.16	\$21.62	\$27.68	\$115.31
\$31.10	\$41.91	\$274.38	\$3.86	\$3.69	\$10.40	\$648.55

Ontario Energy Board

2025 Cost Allocation Model

Short On a Line Transformer Westerner

Line Transformers Demand Unit Cost for PLCC Adjustment to Customer Related Cost Allocation by rate classification

		- 1	2		4			7		,	10	- 11	12	13	14	15	16	17	18	19	20
Description	Total	Residential	GS <50	GS>50	GS> 50-TOU	GS ≻50- Intermediate	Large Use >SMW	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor	Back- up/Standby Power	Rate Class 1	Rato class 2	Rate class 3	Rate class 4	Rate class 5	Rate class 6	Rate class 7	Rate class 8	Rate class
Depreciation on Acct 1850 Line Transformers	\$385,642	\$232,325	\$49,145	\$103,045	\$0	\$0	\$0		\$0	\$365	\$0	\$0	\$0			\$0	\$2				
Depreciation on General Plant Assigned to Line Transformers	\$215,790	\$129,835	\$27,459	\$57,322	\$0	\$0	\$0	\$972	\$0	\$202	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Acct 5035 - Overhead Distribution Transformers-Operation Acct 5055 - Underground Distribution Transformers - Operation	\$0 \$26,879	\$0 \$16,151	\$0 \$3,417	\$0 \$7.164	\$0	\$0	\$0 \$0	\$0 \$122	\$0	\$0 \$25	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 60	\$0	\$2	\$0	\$0	\$0 sn	
Acct 5160 - Underground Distribution Transformers - Operation Acct 5160 - Maintenance of Line Transformers	\$29,189	\$10,151	\$7,524	\$15,774	\$0	\$0	\$0	\$270	\$0	\$25 \$56	50	50	50	\$0	50	\$0	94	\$0	\$0	\$0	
Viocation of General Expenses	\$100,315	\$60,279	\$12,751	\$26,736	80	\$0	\$0	\$457	*0	\$95	so so	50	50	50	50	50			50	50	
Admin and General Assigned to Line Transformers	\$87,283	\$52,272	\$11,070	523.462	50	\$0	50	\$396	50	\$82	50	50	\$0	50	\$0	50	50	50	\$0	\$0	
PILs on Line Transformers	\$32,118	\$19,299	\$4,083	\$8,560	\$0	\$0	\$0	\$146	\$0	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Debt Return on Line Transformers	\$295,956	\$177,833	\$37,619	\$78,876	\$0	\$0	\$0	\$1,348	\$0	\$279	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	
Equity Return on Line Transformers	\$501,149	\$301,130	\$63,702	\$133,562	\$0	\$0	\$0	\$2,282	\$0	\$473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$1,705,323	\$1,024,689	\$216,771	\$454,501	\$0	\$0	\$0	\$7,754	\$0	\$1,608	\$0	50	50	\$0	\$0	\$0	\$0	50	\$0	\$0	
Line Tranformer NCP	461.029	277.023	58.602	122.870				2.099		435						0		0 0			
PLCC Amount	51,677	47,127	3,356	375	0		0	357	265	196	0	0	0	0	0	0		0 0			
Adjustment to Customer Related Cost for PLCC	\$190,167	\$174,319	\$12,416	\$1,388	\$0	\$0	\$0	\$1,319	\$0	\$726	\$0	\$0	50	50	50	\$0	\$0	\$0	\$0	\$0	
General Plant - Gross Assets	\$22,009,003	\$15,889,470	\$2,358,834	\$3,299,713	\$0	\$0	\$0	\$342,182	\$48,624	\$58,131	\$12,048	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	
General Plant - Accumulated Depreciation	(\$10,500,999)	(\$7,581,230)	(\$1,125,454)	(\$1,574,369)	\$0	\$0	\$0	(\$163,263)	(\$23,200)	(\$27,736)	(\$5,748)	\$0	\$0		\$0	\$0	\$0		\$0	\$0	
General Plant - Not Fixed Assets	\$11,508,003	\$8,308,240	\$1,233,381	\$1,725,345	\$0	\$0	\$0	\$178,919	\$25,425	\$30,395	\$5,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	:
General Plant - Depreciation	\$1,324,417	\$956,167	\$141,945	\$198,564	\$0	\$0	\$0	\$20,591	\$2,926	\$3,498	\$725	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Net Fixed Assets Excluding General Plant	\$65,663,794	\$47,360,508	\$7,032,355	\$9,880,564	\$0	\$0	\$0	\$1,032,786	\$146,218	\$175,401	\$35,960	50	50	50	\$0	\$0	\$4	\$0	\$0	\$0	
Total Administration and General Expense	\$5,089,058	\$4,004,158	\$544,748	\$423,518	\$0	\$0	\$0	\$81,886	\$18,137	\$13,345	\$3,276	\$0	50	50	\$0	\$0	\$	\$0	\$0	\$0	
Total OSM	\$5,029,433	\$3,961,619	\$538,359	\$414,055	50	\$0	\$0	\$80,955	\$18,015	\$13,186	\$3,244	50	50	50	50	\$0	\$0	50	\$0	\$0	
Line Transformer Rate Base																					
Acct 1850 - Line Transformers - Gross Assets	\$19,099,056	\$11.837.104	\$2,504,044	\$5,250,195	\$0	50	50	\$89.711	50	\$18,602	\$0	\$0	50	50	\$0	\$0	67	50	to.	to.	
Line Transformers - Accumulated Depreciation	(\$8,997,116)	(\$5,405,176)	(\$1,143,633)	(\$2,397,840)	\$0		\$0	(\$40,972)	\$0	(\$8,496)	\$0	\$0	\$0		\$0	\$0	\$2	\$0	\$0	\$0	
Line Transformers - Net Fixed Assets	\$10,702,540	\$6,430,929	\$1,360,411	\$2,852,356	\$0	\$0	\$0	\$48,739	\$0	\$10,106	\$0	\$0	\$0		\$0	\$0	\$0		\$0		
General Plant Assigned to Line Transformers - NFA	\$1,875,020	\$1,128,149	\$238,598	\$498,078	\$0	\$0	\$0	\$8,443	\$0	\$1,751	\$0	\$0	\$0		\$0	\$0	\$0		\$0		
Line Transformer Net Fixed Assets Including General Plant	\$12,577,559	\$7,559,077	\$1,599,009	\$3,350,434	\$0	\$0	\$0	\$57,182	\$0	\$11,857	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
General Expenses																					
Acct 5005 - Operation Supervision and Engineering	\$49,683	\$29,147	\$5,165	\$14,122	\$0	\$0	\$0	\$164	\$0	\$46	\$38	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	
Acct 5010 - Load Dispatching	\$128,680	\$75,491	\$15,970	\$36,575	\$0		\$0		\$0	\$119	\$20	\$0	\$0		\$0	\$0	\$0		\$0	\$0	
Acct 5005 - Miscellaneous Distribution Expense	\$125,548	\$73,654	\$15,581	\$35,685	\$0	\$0	\$0		\$0	\$116	\$97	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Acct 5105 - Maintenance Supervision and Engineering	\$9,796	\$5,747	\$1,216	\$2,784	\$0	\$0	\$0	\$32	\$0	\$9	\$8	\$0	50	\$0	\$0	\$0	50	\$0	\$0	\$0	
Total	\$313,708	\$184,039	\$38,932	\$89,165	\$0	\$0	\$0	\$1,038	\$0	\$289	\$242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Acct 1850 - Line Transformers - Gross Assets	\$19,699,656	\$11,837,104	\$2,504,044	\$5,250,195	\$0	\$0	\$0	\$89,711	so	\$18,602	\$0	\$0	\$0	\$0	\$0	\$0	sc	\$0	\$0	\$0	
		****		*******			-	****	-	****							-				

Primary Conductors and Poles Cost Pool Demand Unit Cost for PLCC Adjustment to Customer Related Cost

r 200 Aujusunun 10 Gustomer Kensted Gost																					
Allocation by Rate Classification			2	3	4		6	7	8	9	10	- 11	12	13	14	15	16	17	18	19	20
<u>Description</u>	Total	Residential	GS <50	G5>50	GS> 50-TOU	GS >50- Intermediate	Large Use >SMW	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor	Back- up/Standby Power	Rate Class 1	Rate class 2	Rate class 3	Rate class 4	Rate class 5	Rate class 6	Rate class 7	Rato class 5	Rate class 9
Degreciation on Acct 1830-4 Primary Poles Towers & Fixtures	\$85,886	\$48,643	\$10.290 \$18.462	\$26,355 \$47,286	\$0 \$0	50		\$369 \$661	\$0 \$0	\$76	\$154	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	50
Decreciation on Acct 1935-4 Primary Overhead Conductors Decreciation on Acct 1940-4 Primary Underground Conduit	\$126 401	\$87.275 \$71.589	\$15,144	\$38.787	50	50			\$0	\$137 \$113	\$275 \$226	50	50 50	\$0	50	50	50	50	\$0	\$0	\$0
Depreciation on Acct 1845-4 Primary Undescription Conductors	\$207.759	\$117.667	\$24,892	\$63.752	50	50		5892	\$0	\$185	\$371	50	50 50	50	50	50	50	50	\$0	\$0	50
Depreciation on General Plant Assigned to Primary CSP	\$289.833	\$164,398	\$34.769	\$88,662	\$0	50		\$1,230	\$0	\$255	\$518	\$0	\$0	\$0	\$0	50	\$0	\$0	\$0	\$0	\$0
Primary CAP Operations and Maintenance	\$519.955	\$294 047	\$62,203	\$159.986	50	50		\$2 305	\$0	\$462	5000	50	50	50	50	50	50	50	50	50	
Allocation of General Expenses	\$135,452	\$76,715	\$16,229	\$41,564	\$0	50	\$0	\$581	50	\$121	5242	\$0	\$0	\$0	\$0	50	\$0	50	\$0	50	50
Admin and General Assigned to Primary CSP	\$527 558	\$297 204	\$52,941	\$163 642	\$0	50			50	\$458	\$970	\$0	50	\$0	\$0	50	50	\$0	\$0	50	\$0
Pil s on Primary C&P	\$43,147	\$24 437	\$5 169	\$13,240	\$0	50	\$0	\$185	\$0	\$38	\$77	\$0	\$0	50	50	\$0	\$0	50	\$0	\$0	50
Debt Beturn on Primary C&P	\$397.579	\$225,175	\$47.634	\$122,000	\$0	50	\$0	\$1.707	\$0	\$354	\$711	\$0	\$0	50	50	\$0	\$0	50	\$0	\$0	\$0
Enrilly Between on Drimary CAD	\$673.231	\$381 294	\$80,660	\$205,585	\$0	50	\$0	\$2,890	\$0	\$599	\$1,203	\$0	\$0	50	50	\$0	\$0	50	\$0	\$0	\$0
Total	\$3,160,911	\$1,788,446	\$378,394	\$971,859	\$0	\$0	50	\$13,697	\$0	\$2,808	\$5,708	\$0	50	\$0	\$0	\$0	\$0	\$0	50	\$0	\$0
Primary NCP PLCC Amount	489,124	277,023 47,127	58,602	150,091	0				265		874	0		0	0	0	0	0		0	9
Adjustment to Customer Related Cost for PLCC	\$331,990	\$304,249	\$21,672	\$2,430	50	50		\$2,330	50	\$1.257	\$42	50	50	50	50	50	50	50	50	50	50
Addition to Canadian Remark Con to Feec	2231.220	2201212	22.002	22.720				22.22		21.20			20			20					20
General Plant - Gross Assets	\$22,009,003	\$15.889.470	\$2,358,834	\$3,299,713	\$0	\$0			\$48.624	\$58.131	\$12.048	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Plant - Accumulated Depreciation General Plant - Net Fixed Assets	(\$10,500,999) \$11,508,003	(\$7.581.230) \$8.308.240	(\$1.125.454) \$1.233.381	(\$1.574.369) \$1.725.345	\$0 \$0	\$0 \$0			(\$23,200) \$25,425	(\$27.736) \$30.395	(\$5.748) \$6.300	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
General Plant - Decreciation	\$1,324,417	\$956.167	\$141.946	\$198.564	\$0	50	\$0		\$2.926	\$3,498	\$725	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net Fixed Assets Excluding General Plant	\$65,661,794	\$47,360,508	\$7.032.355	\$9.880.564	50	50	50	\$1.032.786	\$146.218	\$175,401	\$35,960	50	50	50	50	50	50	50	50	50	50
Total Administration and General Excense	\$5,089,068	\$4,004,158	\$544.748	\$423.518	50	\$0	50	\$81,886	\$18.137	\$13.345	\$3.276	\$0	50	50	50	50	50	50	50	50	50
Total OSM	\$5,029,433	\$3,961,619	\$538.359	\$414.055	50	50	50	\$80.955	\$18.015	\$13,186	\$3,244	\$0	50	50	\$0	50	50	\$0	\$0	50	\$0
Primary Conductors and Poles Gross Assets																					
Acct 1830.4 Primary Poins Towars & Firtums	64 028 990	52 281 876	6482 713	\$1 235 320	50	50	\$n	617 794	50	61586	57 201	to.	\$n	50	50	\$n	60	to.	*n	60	ro.
Acrt 1835-4 Primary Dynchaed Conductors	69 209 700	55 216 045	61 103 412	\$2,825,053	50	50		619 511	50	68 197	\$16.462	50	\$n	50	50	sn.	50	50	\$n	50	ro.
Acct 1540-4 Primary Underground Conduit	55 450 045	\$3.097.473	\$655.245	\$1 678 211	50	50			50	54 858	59.775	50	\$n	50	50	50	50	50	\$n	50	50
Acct 1845-4 Primary Underground Conductors	57 891 471	\$4.469.447	\$945,475	\$2,421,546	50	50		\$33,873	50	\$7,024	\$14,105	50	50	50	50	50	50	50	50	50	\$0
Subtreal	\$25,599,209		\$3,186,846	\$8,162,130	50	50			50	\$23,674	\$47,544	50	50	50	50	50	50	50	50	50	50
Primary Conductors and Poles Accumulated Depreciation																					
Acrt 1830.4 Primary Boles Towars & Firtums	761 392 4153		76 SKK (627)	(6404 000)	6n	€n		765 0541	to.	/61 23W	(69.471)	€n	*n	to.	*tn	*n	to.	€n	€n	to.	tn.
Arrel 1835.4 Drimary Overhead Conductors April 1840.4 Drimary Understand Conduit	/63 M13 G055		(6431 783)	/61 105 870)	to to	tn tn			tn tn	/61 20M	(68.442)	to to	en en	en en	tn tn	en en	en en	tn tn	en en	to.	tn tn
	(84 870 717)	(E1 400 440)	(6310 312)	/6817 821\	en en	en en		(611.220)	en en	/62 3755 /84 0885	(64 764)		en en		en en	en en	en en	en en	en en	en en	
Arri 1845.4 Primary Undernstand Conductors												€n		- tn							- tn
Subtotal	(\$12,221,689)	(\$6,921,928)	(\$1,454,278)	(\$3,750,300)	50	\$0	50	(\$52,460)	so	(\$10,878)	(\$21,845)	\$0	50	50	\$0	50	50	\$0	50	50	\$0
Primary Conductor & Pools - Net Fixed Assets	\$14,377,520	\$8,142,914	\$1,722,568	\$4,411,830	50	50	\$0	\$61,713	50	\$12,795	\$25,639	50	\$0	50	50	\$0	50	\$0	\$0	50	\$0
General Plant Assigned to Primary C&P - NFA	\$2,518,394	\$1,428,475	\$302,115	\$770,394	50	50	50	\$10,691	50	\$2,217	\$4,502	50	50	\$0	50	50	50	50	\$0	50	\$0
Primary C&P Net Fixed Assets Including General Plant	\$16,895,914	\$9,571,389	\$2,024,683	\$5,182,224	\$0	\$0	\$0		50	\$15,014	\$30,200	\$0	\$0	\$0	\$0	\$0	50	\$0	\$0	50	\$0
Acct 1830.3 Bulk Poles Towers & Fishers	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arrel 1835.3 Bulk Overhead Conductors	50	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1840.3 Bulk Underground Conduit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arri 1845.3 Bulk Underground Conductors	50	50	\$0	\$0	50	50	50	\$0	\$0	\$0	\$0	50	\$0	50	50	\$0	50	50	\$0	50	50
Subtotal	50	50	\$0	\$0	50	\$0	\$0	50	\$0	\$0	50	\$0	\$0	50	\$0	\$0	50	\$0	\$0	50	\$0
Acrt 1530-5 Secondary Poles, Towers & Firtums	\$5 340 755	\$3 223 827	\$681 975	\$1 429 887	\$0	50	50	50	\$0	\$5,000	50	50	\$0	50	\$0	\$0	50	\$0	\$0	50	\$0
Arri 1835,5 Secondary Overhead Conductors	\$1,754,229	\$1.058.901	\$224.002	\$469.662	\$0	\$0	\$0	\$0	\$0	\$1.654	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arri 1880 & Secondary Undernstand Conduit	\$3 960 345	\$2 390 574	\$505 707	\$1 000 306	\$0	\$0			\$0	\$3.757	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Arri 1885.5 Sarondary Undamented Conductors	\$4 249 253	\$2,564,967	\$542,598	\$1 137 658	\$0	50		\$0	\$0	\$4 031	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	50
Subtotal	\$15,304,582	\$9,228,268	\$1,954,281	\$4,097,515	50	\$0	\$0	50	\$0	\$14,518	50	\$0	\$0	50	\$0	\$0	50	\$0	\$0	50	\$0
Operations and Maintenance Acct 5020 Overhead Distribution Lines & Feeders - Labour	\$116.485	587.487	\$14,276	534 154	\$0	50	- sn	\$326	\$0	\$106	\$135	\$n	- tn	50	\$0	\$0	60	50	\$0	\$0	50
Acct 5025 Overhead Distribution Lines & Feeders - Labour Acct 5025 Overhead Distribution Lines & Feeders - Other	\$34 232	\$19 833	\$4 196	\$10.037	\$0	50		\$95	\$0	\$31	\$40	50	50 50	\$0	50	\$0	\$0	50	\$0	\$0	\$0
Acct 5025 Overness Distribution Lines & Feeders - Other	534 232 555 070	\$19.033	56 887	\$10.037	50	50		\$149	50 50	551	540	50	50 50	50	50	50	50	50	50	50	50 50
Acre SDAS Underground Distribution Lines & Feeders - Other	\$23,771	\$13,800	£2 010	66.040	50	50		683	to.	622	526	to.	sn sn	50	50	so.	50	50	sn.	50	to.
Acrt 5090 Hadararound Distribution Lines & Feeders - Bentel Paid	50	50	50	\$n	50	50	50	50	50	50	50	50	\$n	50	50	50	50	50	\$n	50	50
Acct 5095 Overhead Distribution Lines & Feeders - Rental Paid	50	\$0	50	\$0	\$0	50		\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	50	\$0	50	\$0	\$0	\$0
Acct 5120 Maintenance of Poles, Towers & Fixtures	\$71,365	\$41.934	\$8.871	\$20,307	\$0	\$0	\$0	\$132	\$0	\$66	\$55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	50
Acct 5125 Maintenance of Overhead Conductors & Devices	\$118,706	\$67 939	\$14.372	\$35 683	\$0	\$0			\$0	\$107	\$178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5135 Overhead Distribution Lines & Feeders - Right of Way	\$334,498	\$193.797	\$40.996	\$98.076	\$0	\$0		\$935	\$0	\$305	\$389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5145 Maintenance of Underground Conduit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Arri 5150 Maintanance of Herteromand Conductors & Davices	661.801	\$17.000	67.831	\$18.731	en en	tri		\$178	tn en	648	674	tn	tn	en en	tn	en.	en en	tn	en en	61	- tn
Total	\$819,028	\$474,366	\$100,348	\$240,301	\$0	\$0	50	\$2,306	\$0	\$745	\$960	\$0	50	\$0	\$0	50	50	\$0	50	\$0	\$0
Jeneral Expenses																					
Acct 5005 - Operation Supervision and Engineering	\$49,683	\$29.147	\$6.166	\$14.122	\$0	\$0			\$0	\$46	\$38	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5010 - Load Dispatching	\$128,680	\$75.491	\$15.970	\$35.575	\$0	\$0		\$425	\$0	\$119	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5085 - Miscellaneous Distribution Expense	\$125.548	\$73.654	\$15.581	\$35,685	\$0	\$0		\$416	\$0	\$116	\$97	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5105 - Maintenance Supervision and Engineering	\$9,795	\$5,747	\$1,216	\$2,784	\$0	\$0	\$0	\$32	\$0	\$9	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$313,706	\$184,039	\$38,932	\$89,166	\$0	\$0	50	\$1,038	\$0	\$289	\$242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	50	\$0	\$1
Primary Conductors and Poles Gross Assets	\$26,599,209	\$15.064.842	\$3,186,846	\$8.162.130	\$0	50	\$0		\$0		\$47.544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1815 - 1855	\$61,603,447	\$36,140,214	\$7,645,171	\$17,509,841	50	50	50	\$203.884	\$0	\$56,793	\$47,544	50	\$0	\$0	50	\$0	\$0	\$0	\$0	\$0	50

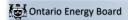
Ontario Energy Board

2025 Cost Allocation Model

Short 02.3 Secondary Cost PLCC Adjustment Workshort

Secondary Conductors and Poles Cost Pool Demand Unit Cost for PLCC Adjustment to Customer Related Cost

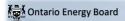
Ī		-1	2	,	-			7		,	10	- 11	12	13	14	15	16	17	18	19	20
Description	Total	Residential	GS <50	GS>50	GS> 50-TOU	GS >50- Intermediate	Large Use >SMW	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor	Back- up/Standby Power	Rate Class 1	Rate class 2	Rate class 3	Rate class 4	Rate class 5	Rate class 6	Rate class 7	Rate class 8	Rate class 9
Depreciation on Acct 1830-5 Secondary Poles, Towers & Fixtures	\$113,849	\$65,723	\$14,538	\$30,481	\$0	\$0	\$0	\$0	\$0	\$108	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on Acct 1835-5 Secondary Overhead Conductors	\$45,157	\$31,034	\$4,695	\$7,964	\$0	\$0	\$0	\$1,279	\$98	\$83	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0
Depreciation on Acct 1840-5 Secondary Underground Conduit Depreciation on Acct 1845-5 Secondary Underground Conductors	\$140,818 \$172,108	\$95,779 \$118,283	\$14,646 \$17,900	\$24,837 \$30,355	\$0 \$0	\$0 \$0	\$0 \$0	\$3,988 \$4,874	\$304 \$372	\$260 \$318	\$6 \$7	\$0	\$0 \$0								
Depreciation on Acct 1945-5 Secondary Underground Conductors Depreciation on General Plant Assigned to Secondary C&P	\$172,108 \$169,268	\$110,203	\$17,900	\$30,300	\$0 \$0	\$0	\$0 \$0	\$4,074	\$372 \$0	\$310	50	50	50	50	50	50	\$0	\$0 \$0		\$0 \$0	\$0
Secondary C&P Operations and Maintenance	\$299,053	\$180,319	\$38,145	\$80,315	50	50	50	50	50	\$283	\$0	\$0	50	\$0	\$0	50	50	50	50	\$0	50
Allocation of General Expenses	\$77,936	\$47,044	\$9,952	\$20,865	\$0	\$0	\$0	\$0	\$0	\$74	\$0	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Admin and General Assigned to Primary C&P	\$303,291	\$182,256	\$38,598	\$82,151	\$0	\$0	\$0	\$0	\$0	\$287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs on Secondary C&P Debt Return on Secondary C&P	\$25,193 \$232,140	\$15,207 \$140,125	\$3,217 \$29,643	\$6,745 \$62,151	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$24 \$220	\$0 \$0	\$0 \$0	50	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Equity Return on Secondary C&P	\$393,089	\$237,279	\$50,194	\$105,242	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$220	\$0	\$0	50 50	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
Total	\$1,971,913	\$1,219,355	\$243,165	\$496,275	50	50	50	\$10,140	\$774	\$2,189	\$14	50	50	50	50	50	50	50	50	50	50
Secondary NCP	458,930	277,023	58,602	122,870		0	0	0	0	435	0	0			0	0	0	0		0	0
PLCC Amount Adjustment to Customer Related Cost for PLCC	51,677 \$223,866	47,127 \$207.436	3,356 \$13,927	375 \$1.516	50	50	50	357 \$0	265 \$0	196	50				50	to to	50	50	50	50	\$0
Adjustment to customer resisted cost for PLCC	\$223,000	\$207,436	\$13,927	\$1,516	90	\$0	50	20	90	2300	50	50	50	50	50	90	\$0	\$0	\$0	\$0	20
General Plant - Gross Assets	\$22,009,003	\$15,889,470	\$2,358,834	\$3,299,713	\$0	\$0	\$0	\$342,182	\$48,624	\$58,131	\$12,048	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Plant - Accumulated Depreciation	(\$10,500,999)	(\$7,581,230)	(\$1,125,454)	(\$1,574,369)	\$0	\$0	\$0	(\$163,263)	(\$23,200)	(\$27,736)	(\$5,748)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Plant - Net Fixed Assets	\$11,508,003	\$8,308,240	\$1,233,381	\$1,725,345	\$0	\$0	\$0	\$178,919	\$25,425	\$30,395	\$6,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Plant - Depreciation	\$1,324,417	\$955,167	\$141,945	\$198,564	\$0	\$0	\$0	\$20,591	\$2,926	\$3,498	\$725	\$0	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Net Fixed Assets Excluding General Plant	\$65,663,794	\$47,360,508	\$7,032,355	\$9,880,564	\$0	\$0	\$0	\$1,032,786	\$146,218	\$175,401	\$35,960	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	50	50
Total Administration and General Expense	\$5,089,068	\$4,004,158	\$544,748	\$423,518	\$0	\$0	\$0	\$81,886	\$18,137	\$13,345	\$3,276	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	50	\$0
Total OSM	\$5,029,433	\$3,961,619	\$538,359	\$414,055	\$0	\$0	\$0	\$80,955	\$18,015	\$13,186	\$3,244	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Secondary Conductors and Poles Gross Plant	\$5,340,755	\$3,223,827	###1 OFF	\$1,429,887	\$0	•n	*n	ŧn.	sn.	55.066	en.	sn.	50	60	50	\$0	•n	ŧn.	ŧn.	to.	
Acct 1830-5 Secondary Poles, Towers & Fixtures Acct 1835-5 Secondary Overhead Conductors	\$5,340,755	\$3,223,827	\$881,975 \$224,002	\$1,429,887 \$469,662	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$5,066 \$1,064	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0
Acct 1849-5 Secondary Underground Conduit	\$3,960,345	\$2,390,574	\$505,707	\$1,060,308	\$0	50	50	50	50	\$3,757	\$0	\$0	\$0	\$0	\$0	\$0	50	50		50	50
Acct 1845-5 Secondary Underground Conductors	\$4,249,253	\$2,564,967	\$542,598	\$1,137,658	50	\$0	\$0	\$0	\$0	\$4,031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$15,304,582	\$9,238,268	\$1,954,281	\$4,097,515	50	50	50	50	50	\$14,518	50	50	50	50	50	50	50	50	50	50	50
Secondary Conductors and Poles Accumulated Department																					
Acct 1839-5 Secondary Poles, Towers & Fixtures	(\$1,832,503)	(\$1,106,150)	(\$233,997)	(\$490,618)	\$0	\$0	\$0	\$0	\$0	(\$1,738)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1835-5 Secondary Overhead Conductors	(\$685,457)	(\$414,365)	(\$87,656)	(\$183,786)	\$0	\$0	\$0	\$0	\$0	(\$651)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1840-5 Secondary Underground Conduit	(\$1,929,944)	(\$1,164,958)	(\$246,439)	(\$516,706)	\$0	\$0	\$0	\$0	\$0	(\$1,831)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1845-5 Secondary Underground Conductors	(\$2,460,883)	(\$1,485,457)	(\$314,236)	(\$658,8532)	50	\$0	\$0	\$0	\$0	(\$2,334)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	(\$6,909,788)	(\$4,170,939)	(\$882,328)	(\$1,849,966)	50	50	\$0	\$0	so	(\$6,555)	50	\$0	50	50	50	50	50	\$0	\$0	\$0	50
Secondary Conductor & Pools - Net Fixed Assets	\$8,394,794	\$5,067,329	\$1,071,953	\$2,247,549	\$0	\$0	\$0	\$0	\$0	\$7,963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Plant Assigned to Secondary C&P - NFA Secondary C&P Net Fixed Assets Including General Plant	\$1,470,792 \$9,865,585	\$888,939 \$5,956,268	\$188,005	\$392,467 \$2,640,016	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1,380 \$9,343	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0
Secondary Car Net Fitted Assets including General Plant	\$4,000,000	\$0,900,200	\$1,209,909	\$2,640,016	50	30	\$0	90	\$0	59,343	50	50	50	90	50	50	30	\$0	90	\$0	\$0
Acct 1830-3 Bulk Poles, Towers & Fixtures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1835-3 Bulk Overhead Conductors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1840-3 Bulk Underground Conduit	50	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0 \$1	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0 \$0
Acct 1845-3 Bulk Underground Conductors	50											50	\$0	\$0					\$0		
Subtotal .	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Acct 1830-4 Primary Poles, Towers & Fixtures	\$4,028,990	\$2,281,876	\$482,713	\$1,236,320	\$0	\$0	\$0	\$17,294	\$0	\$3,586	\$7,201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1835-4 Primary Overhead Conductors	\$9,209,700	\$5,216,045	\$1,103,412	\$2,826,053	\$0	\$0	\$0	\$39,531	\$0	\$8,197	\$15,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0
Acct 1840-4 Primary Underground Conduit	\$5,469,048	\$3,097,473	\$655,245	\$1,678,211	\$0	\$0	\$0	\$23,475	\$0	\$4,858	\$9,775	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0
Acct 1845-4 Primary Underground Conductors	\$7,891,471	\$4,409,447	\$945,475	\$2,421,546	\$0	\$0	\$0	\$33,873	\$0	\$7,024	\$14,105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal .	\$26,593,209	\$15,064,842	\$3,186,846	\$8,162,130	50	50	50	\$114,173	50	\$23,674	\$47,544	50	50	50	50	50	50	50	50	50	50
Operations and Maintenance																					
Acrt 5020 Overhead Distribution Lines & Fearlers - Labour	\$116.485	6917 497	\$14.776	534 154	6n	to:	tn.	8108	*tn	6106	6116	*n	to.	to.	6n	en.	to:	to:	tn	to	-tn
Acct 5025 Overhead Distribution Lines & Feeders - Other	\$34.232 \$56.079	\$19.833	\$4.195 \$6.887	\$10.037	\$0 \$0	\$0	\$0	\$96 \$140	\$0	\$31 \$51	\$40	50	50	50	50	\$0	\$0	\$0		50	50
Acrt 5045 Underground Distribution Lines & Feeders - Other	608.07G	\$13.800	60 RR7	616 171 65 060	en en	en en	tn tn	6120	tn tn	641 622	612 526	en en	en en	en en	6n 6n	en en	en en	en en	en en	en en	en so
April 5000 Understand Distribution Lines & Fooders - Bostol Brid	50	50	50	60	60	50	\$0	50	50	50	\$0	\$0	50	\$0	\$0	\$0	50	\$0	\$0	50	50 50
Acrt 5055 Overhead Distribution Lines & Feeders - Bentel Paid Acrt 5120 Maintenance of Poles Treasure & Figures	\$0 \$71.365	\$0 \$41 934	50 58.871	\$0 \$20 307	\$0	\$0	50	\$0	\$0	50	50	\$0	50	50	50	\$0	\$0	\$0	\$0	\$0	
Acct 5129 Maintenance of Poles. Towers & Fixtures Acct 5125 Maintenance of Overhead Conductors & Devices	\$71,365 \$118,706	\$41,934 \$67,939	\$8.871 \$14.372	\$20.307 \$35.683	\$0 \$0	\$0 \$0	\$0 \$0	\$132 \$428	\$0 \$0	\$66 \$107	\$55 \$178	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Acrt 5135 Overhead Distribution Lines & Fearlers Binkt of Way	\$334 496	\$193.797	\$40 995	\$98 076	\$0	\$0	\$0	\$935	\$0	\$305	\$389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	50
Acrt 5145 Maintenance of Undersmund Conduit	en.	6n	to.	6n	6n	to	n n	to.	*n	tn.	*n	*n	to.	to.	en.	6n	to	en en		*n	- tn
And 6155 Maintenance of Undersmund Conductors & Devices	661,801	617 030	67 831	618 731	- en	tn .	- tn	6178	- tn	5745	674 6960	en en	60	61	- en	60	tn .	- to	- tn	- tn	- en
Total	\$819,028	\$474,366	\$100,348	\$240,301	\$0	\$0	\$0	\$2,306	\$0	\$745	\$960	50	50	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Expenses	\$40,683	529 147	86.166	\$14 122	60		to.	5164	•n	546	518	*n	60		60	60	to.	to.	to.	to.	
Acct 5005 - Operation Supervision and Engineering	\$49,683 \$128,680				\$0 \$0	\$0								50	\$0 \$0	\$0 \$0		\$0 \$0			\$0
Acct 5010 - Load Dispatching Acct 5035 - Miscellaneous Distribution Expense	\$128,680 \$125,548	\$75,491 \$73,654	\$15,970 \$15,581	\$36,575 \$35,685	\$0 \$0	\$0 \$0	\$0 \$0	\$426 \$416	\$0 \$0	\$119 \$116	\$99 \$97	\$0 \$0	50	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$0 \$0	\$0 \$0
Acct 5105 - Maintenance Supervision and Engineering	\$9,795	\$5,747	\$1,216	\$2,784	50 60	\$0 \$0	\$0 \$0	\$32	\$0 \$0	#110 to	58	50	50	50	50	\$0 \$0	\$0 \$0	\$0 50	\$0	50	\$0
Total	\$313,706	\$184,039	\$38,932	\$89,166	50	50	50	\$1,038	50	\$289	\$242	50	50	50	50	50	50	50	50	50	50
Secondary Conductors and Poles Gross Assets	\$15,304,582	50 238 268	\$1.054.281	54 097 515	60	50	50	en	to.	\$14.518	to.	50	60	60	60	60	50	50		50	50
Acct 1815 - 1855	\$61,603,447	\$36,140,214	\$7,645,171	\$17,509,841	ş0 \$0	\$0	50	\$203,884	50	\$14,510	\$47,544	50	50	su to	50	50	to to	şu to	\$0	\$0 for	şu tn
		E-100 - 100 - 17	was provided as a		**	-	20	444,004	20	400,180	411,044	30		- 20	***		-	- 20		- 20	



EB-2024-0020

Sheet 03.1 Line Transformers Unit Cost Worksheet -

		1	2	3	7	8	9	10
Description	Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
Depreciation on Acct 1850 Line Transformers	\$552,346	\$383,185	\$59,891	\$104,246	\$2,904	\$1,106	\$994	\$20
Depreciation on General Plant Assigned to Line Transformers	\$308,371	\$214,143	\$33,463	\$57,990	\$1,603	\$613	\$549	\$11
Acct 5035 - Overhead Distribution Transformers- Operation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5055 - Underground Distribution Transformers - Operation	\$38,399	\$26,639	\$4,164	\$7,247	\$202	\$77	\$69	\$1
Acct 5160 - Maintenance of Line Transformers	\$84,555	\$58,659	\$9,168	\$15,958	\$445	\$169	\$152	\$3
Allocation of General Expenses	\$121,511	\$80,279	\$13,577	\$26,760	\$519	\$186	\$184	\$5
Admin and General Assigned to Line Transformers	\$124,570	\$86,214	\$13,490	\$23,736	\$654	\$248	\$224	\$5
PILs on Line Transformers	\$45,883	\$31,831	\$4,975	\$8,660	\$241	\$92	\$83	\$2
Debt Return on Line Transformers	\$422,794	\$293,309	\$45,844	\$79,795	\$2,223	\$847	\$761	\$16
Equity Return on Line Transformers	\$715,928	\$496,668	\$77,628	\$135,119	\$3,764	\$1,434	\$1,288	\$27
Total	\$2,414,358	\$1,670,927	\$262,199	\$459,512	\$12,555	\$4,771	\$4,303	\$90
Dille d LAM - Mr All in - Toronto - All All				F70 000	7.070	716		00.074
Billed kW without Line Transformer Allowance Billed kWh without Line Transformer Allowance		0 284,634,106	70,835,308	572,063 197,879,033	7,372 2,433,601	262,328	0 1,383,562	90,871 34,244,754
Line Transformation Unit Cost (\$/kW) Line Transformation Unit Cost (\$/kWh)		\$0.0000 \$0.0059	\$0.0000 \$0.0037	\$0.8033 \$0.0023	\$1.7029 \$0.0052	\$6.6606 \$0.0182	\$0.0000 \$0.0031	\$0.0010 \$0.0000
General Plant - Gross Assets General Plant - Accumulated Depreciation General Plant - Not Fixed Assets	\$22,009,003 (\$10,500,999) \$11,508,003	\$15,889,470 (\$7,581,230) \$8,308,240	\$2,358,834 (\$1,125,454) \$1,233,381	\$3,299,713 (\$1,574,369) \$1,725,345	\$342,182 (\$163,263) \$178,919	\$48,624 (\$23,200) \$25,425	\$58,131 (\$27,736) \$30,395	\$12,048 (\$5,748) \$6,300
General Plant - Depreciation	\$1,324,417	\$956,167	\$141,946	\$198,564	\$20,591	\$2,926	\$3,498	\$725
Total Net Fixed Assets Excluding General Plant	\$65,663,794	\$47,360,508	\$7,032,355	\$9,880,564	\$1,032,786	\$146,218	\$175,401	\$35,960
Total Administration and General Expense	\$5,089,068	\$4,004,158	\$544,748	\$423,518	\$81,886	\$18,137	\$13,345	\$3,276
Total O&M	\$5,029,433	\$3,961,619	\$538,359	\$414,055	\$80,955	\$18,015	\$13,186	\$3,244
Line Transformer Rate Base Acct 1850 - Line Transformer - Gross Assets Line Transformers - Accumulated Depreciation Line Transformers - Net Fixed Assets General Plant Assigned to Line Transformers - NFA	\$28,142,366 (\$12,853,023) \$15,289,342 \$2,679,470	\$19,523,495 (\$8,916,661) \$10,606,834 \$1,860,709	\$3,051,475 (\$1,393,653) \$1,657,823 \$290,760	\$5,311,395 (\$2,425,790) \$2,885,604 \$503,884	\$147,964 (\$67,577) \$80,387 \$13,926	\$56,353 (\$25,737) \$30,616 \$5,324	\$50,640 (\$23,128) \$27,512 \$4,768	\$1,044 (\$477) \$567 \$99
Line Transformer Net Fixed Assets Including General Plant General Expenses	\$17,968,812	\$12,467,543	\$1,948,583	\$3,389,489	\$94,313	\$35,939	\$32,279	\$666
Acct 5005 - Operation Supervision and Engineering	\$76,435	\$52,235	\$8,422	\$14,408	\$1,009	\$138	\$178	\$46
Acct 5010 - Load Dispatching	\$197,969	\$135,289	\$21,813	\$37,317	\$2,612	\$357	\$461	\$120
Acct 5085 - Miscellaneous Distribution Expense	\$193,151	\$131,997	\$21,282	\$36,409	\$2,549	\$348	\$449	\$117
Acct 5105 - Maintenance Supervision and Engineering	\$15,070	\$10,299	\$1,660	\$2,841	\$199	\$27	\$35	\$9
Total	\$482,625	\$329,819	\$53,178	\$90,975	\$6,368	\$870	\$1,123	\$291
Acct 1850 - Line Transformers - Gross Assets	\$28,142,366	\$19,523,495	\$3,051,475	\$5,311,395	\$147,964	\$56,353	\$50,640	\$1,044
Acct 1815 - 1855	\$112,668,172	\$80,210,270	\$11,951,937	\$18,056,599	\$1,815,104	\$262,981	\$308,843	\$62,438

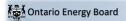


Sheet 03.2 Substation Transformers Unit Cost Worksheet

ALLOCATION BY RATE CLASSIFICATION

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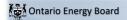
		1	2	3	7	8	9	10
<u>Description</u>	Total	Residential	GS <50	G\$>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
Depreciation on Acct 1820-2 Distribution Station Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on Acct 1825-2 Storage Battery Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on Acct 1805-2 Land Station <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on Acct 1806-2 Land Rights Station <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on Acct 1808-2 Buildings and Fixtures < 50 KV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on Acct 1810-2 Leasehold Improvements <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Depreciation on General Plant Assigned to Substation Transformers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5012 - Station Buildings and Fixtures Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5016 - Distributon Station Equipment - Labour	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5017 - Distributon Station Equipment - Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5114 - Maintenance of Distribution Station Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Allocation of General Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Admin and General Assigned to SubstationTransformers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PILs on SubstationTransformers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt Return on Substation Transformers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equity Return on Substation Transformers	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Billed kW without Substation Transformer Allowance Billed kWh without Substation Transformer Allowance		0 284,634,106	70,835,308	698,414 197,879,033	7,372 2,433,601	716 262,328	0 1,383,562	90,871 34,244,754
Substation Transformation Unit Cost (\$/kW) Substation Transformation Unit Cost (\$/kWh)		\$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
General Plant - Gross Assets	\$22,009,003	\$15,889,470	\$2,358,834	\$3,299,713	\$342,182	\$48,624	\$58,131	\$12,048
General Plant - Accumulated Depreciation	(\$10,500,999)	(\$7,581,230)	(\$1,125,454)	(\$1,574,369)	(\$163,263)	(\$23,200)	(\$27,736)	(\$5,748)
General Plant - Net Fixed Assets	\$11,508,003	\$8,308,240	\$1,233,381	\$1,725,345	\$178,919	\$25,425	\$30,395	\$6,300
General Plant - Depreciation	\$1,324,417	\$956,167	\$141,946	\$198,564	\$20,591	\$2,926	\$3,498	\$725
Total Net Fixed Assets Excluding General Plant	\$65,663,794	\$47,360,508	\$7,032,355	\$9,880,564	\$1,032,786	\$146,218	\$175,401	\$35,960
Total Administration and General Expense	\$5,089,068	\$4,004,158	\$544,748	\$423,518	\$81,886	\$18,137	\$13,345	\$3,276
Total O&M	\$5,029,433	\$3,961,619	\$538,359	\$414,055	\$80.955	\$18,015	\$13,186	\$3,244
	\$5,525,105	70,000,000	***************************************	*****	400,000	****	710,100	70,211
Substation Transformer Rate Base Gross Plant								
Acct 1820-2 Distribution Station Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1825-2 Storage Battery Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1805-2 Land Station <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1806-2 Land Rights Station <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1808-2 Buildings and Fixtures < 50 KV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1810-2 Leasehold Improvements <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Substation Transformers - Accumulated Depreciation								
Acct 1820-2 Distribution Station Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1825-2 Storage Battery Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1805-2 Land Station <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1806-2 Land Rights Station <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1808-2 Buildings and Fixtures < 50 KV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1810-2 Leasehold Improvements <50 kV	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Substation Transformers - Net Fixed Assets	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Plant Assigned to SubstationTransformers - NFA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Substation Transformer NFA Including General Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Expenses								
Acct 5005 - Operation Supervision and Engineering	\$76,435	\$52,235	\$8,422	\$14,408	\$1,009	\$138	\$178	\$46
Acct 5010 - Load Dispatching	\$197,969	\$135,289	\$21,813	\$37,317	\$2,612	\$357	\$461	\$120
Acct 5085 - Miscellaneous Distribution Expense	\$193,151	\$131,997	\$21,282	\$36,409	\$2,549	\$348	\$449	\$117
Acct 5105 - Maintenance Supervision and Engineering	\$15,070	\$10,299	\$1,660	\$2,841	\$199	\$27	\$35	\$9
Total	\$482,625	\$329,819	\$53,178	\$90,975	\$6,368	\$870	\$1,123	\$291
Acct 1820-2 Distribution Station Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1825-2 Storage Battery Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1815 - 1855	\$112,668,172	\$80,210,270	\$11,951,937	\$18,056,599	\$1,815,104	\$262,981	\$308,843	\$62,438



Sheet 03.3 Primary Conductors and Poles Cost Pool Worksheet -

		1	2	3	7	8	9	10
Description	Total	Residential	GS <50	GS>50	Street Light	Sentinel	Unmetered Scattered Load	Embedded Distributor
Depreciation on Acct 1830-4 Primary Poles, Towers & Fixtures	\$132,133	\$90,747	\$13,289	\$26,690	\$688	\$309	\$252	\$159
Depreciation on Acct 1835-4 Primary Overhead Conductors	\$237,073	\$162,818	\$23,843	\$47,887	\$1,234	\$554	\$452	\$286
Depreciation on Acct 1840-4 Primary Underground Conduit	\$194,464	\$133,554	\$19,557	\$39,280	\$1,012	\$454	\$371	\$234
Depreciation on Acct 1845-4 Primary Underground Conductors	\$319,629	\$219,516	\$32,145	\$64,563	\$1,664	\$747	\$609	\$385
Depreciation on General Plant Assigned to Primary C&P	\$446,095	\$306,696	\$44,902	\$89,790	\$2,295	\$1,034	\$841	\$537
Primary C&P Operations and Maintenance	\$800,111	\$549,305	\$80,382	\$162,018	\$4,013	\$1,872	\$1,526	\$994
Allocation of General Expenses	\$177,099	\$115,564	\$18,311	\$41,646	\$747	\$316	\$284	\$230
Admin and General Assigned to Primary C&P	\$810,754	\$555,204	\$81,336	\$165,721	\$4,059	\$1,884	\$1,544	\$1,004
PILs on Primary C&P	\$66,380	\$45,589	\$6,676	\$13,408	\$346	\$155	\$127	\$80
Debt Return on Primary C&P	\$611,661	\$420,078	\$61,515	\$123,551	\$3,184	\$1,429	\$1,166	\$737
Equity Return on Primary C&P	\$1,035,741	\$711,329	\$104,165	\$209,213	\$5,391	\$2,420	\$1,975	\$1,248
Total	\$4,831,139	\$3,310,399	\$486,122	\$983,769	\$24,633	\$11,173	\$9,147	\$5,896
General Plant - Gross Assets	\$22,009,003	\$15,889,470	\$2,358,834	\$3,299,713	\$342,182	\$48,624	\$58,131	\$12,048
General Plant - Accumulated Depreciation	(\$10,500,999)	(\$7,581,230)	(\$1,125,454)	(\$1,574,369)	(\$163,263)	(\$23,200)	(\$27,736)	(\$5,748)
General Plant - Net Fixed Assets	\$11,508,003	\$8,308,240	\$1,233,381	\$1,725,345	\$178,919	\$25,425	\$30,395	\$6,300
General Plant - Depreciation	\$1,324,417	\$956,167	\$141,946	\$198,564	\$20,591	\$2,926	\$3,498	\$725
Total Net Fixed Assets Excluding General Plant	\$65,663,794	\$47,360,508	\$7,032,355	\$9,880,564	\$1,032,786	\$146,218	\$175,401	\$35,960
Total Administration and General Expense	\$5,089,068	\$4,004,158	\$544,748	\$423,518	\$81,886	\$18,137	\$13,345	\$3,276
Total O&M	\$5,029,433	\$3,961,619	\$538,359	\$414,055	\$80,955	\$18,015	\$13,186	\$3,244
Primary Conductors and Poles Gross Assets								
Acct 1830-4 Primary Poles, Towers & Fixtures	\$6,198,447	\$4,256,987	\$623.382	\$1,252,046	\$32,263	\$14,481	\$11,818	\$7,470
Acct 1835-4 Primary Overhead Conductors	\$14,168,769	\$9,730,869	\$1,424,962	\$2,862,000	\$73,748	\$33,101	\$27,015	\$17,075
Acct 1840-4 Primary Underground Conduit	\$8,413,920	\$5,778,536	\$846,193	\$1,699,558	\$43,794	\$19,656	\$16,043	\$10,140
Acct 1845-4 Primary Underground Conductors	\$12,140,724	\$8,338,042	\$1,221,000	\$2,452,348	\$63,192	\$28,363	\$23,148	\$14,631
Subtotal	\$40,921,860	\$28,104,434	\$4,115,537	\$8,265,952	\$212,997	\$95,600	\$78,025	\$49,315
Primary Conductors and Poles Accumulated Depreciation								
Acct 1830-4 Primary Poles, Towers & Fixtures	(\$2,126,792)	(\$1,460,644)	(\$213,893)	(\$429,598)	(\$11,070)	(\$4,969)	(\$4,055)	(\$2,563)
Acct 1835-4 Primary Overhead Conductors	(\$5.544.464)	(\$3.807.843)	(\$557,610)	(\$1,119,946)	(\$28.859)	(\$12.953)	(\$10.572)	(\$6.682)
Acct 1839-4 Primary Overhead Conductors Acct 1840-4 Primary Underground Conduit	(\$4,100,248)	(\$2,815,980)	(\$412,364)	(\$828,224)	(\$21,342)	(\$9,579)	(\$7,818)	(\$4,941)
Acct 1845-4 Primary Underground Conductors	(\$7,031,095)	(\$4,828,836)	(\$707,122)	(\$1,420,236)	(\$36,597)	(\$16,426)	(\$13,406)	(\$8,473)
Subtotal	(\$18,802,598)	(\$12,913,303)	(\$1,890,989)	(\$3,798,004)	(\$97,867)	(\$43,926)	(\$35,850)	(\$22,659)
Subtotal	(\$10,002,090)	(\$12,513,303)	(\$1,050,505)	(\$3,730,004)	(\$57,007)	(\$43,520)	(\$35,650)	(\$22,655)
Primary Conductor & Pools - Net Fixed Assets	\$22,119,261	\$15,191,131	\$2,224,548	\$4,467,948	\$115,130	\$51,674	\$42,174	\$26,656
General Plant Assigned to Primary C&P - NFA	\$3,876,169	\$2,664,911	\$390,156	\$780,193	\$19,945	\$8,985	\$7,308	\$4,670
Primary C&P Net Fixed Assets Including General Plant	\$25,995,430	\$17,856,042	\$2,614,704	\$5,248,142	\$135,075	\$60,660	\$49,483	\$31,325
Acct 1830-3 Bulk Poles, Towers & Fixtures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1835-3 Bulk Overhead Conductors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1840-3 Bulk Underground Conduit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1845-3 Bulk Underground Conductors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 1830-5 Secondary Poles, Towers & Fixtures	\$8,216,546	\$5,646,891	\$854,547	\$1,449,180	\$232,668	\$17,765	\$15,166	\$329
Acct 1835-5 Secondary Overhead Conductors	\$2,698,813	\$1,854,782	\$280,685	\$475,999	\$76,422	\$5,835	\$4,981	\$108
Acct 1840-5 Secondary Underground Conduit	\$6,092,838	\$4,187,355	\$633,675	\$1,074,614	\$172,531	\$13,173	\$11,246	\$244
Acct 1845-5 Secondary Underground Conductors	\$6,537,313	\$4,492,824	\$679,902	\$1,153,008	\$185,117	\$14,134	\$12,066	\$262
Subtotal	\$23,545,510	\$16,181,853	\$2,448,809	\$4,152,800	\$666,738	\$50,907	\$43,459	\$943
Subtotal	\$23,040,010	\$10,101,000	\$2,440,003	\$4,152,000	\$000,730	\$50,507	\$43,409	φ343
Operations and Maintenance								
Acct 5020 Overhead Distribution Lines & Feeders - Labour	\$179,207	\$123,106	\$18,238	\$34,597	\$2,378	\$408	\$338	\$143
Acct 5025 Overhead Distribution Lines & Feeders - Other	\$52,665	\$36,178	\$5,360	\$10,167	\$699	\$120	\$99	\$42
Acct 5040 Underground Distribution Lines & Feeders - Labour	\$86,275	\$59,268	\$8,789	\$16,586	\$1,208	\$196	\$162	\$66
Acct 5045 Underground Distribution Lines & Feeders - Other Acct 5090 Underground Distribution Lines & Feeders - Rental Paid	\$36,570 \$0	\$25,122 \$0	\$3,726 \$0	\$7,030 \$0	\$512 \$0	\$83 \$0	\$69 \$0	\$28 \$0
Acct 5090 Underground Distribution Lines & Feeders - Rental Paid Acct 5095 Overhead Distribution Lines & Feeders - Rental Paid	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Acct 5120 Maintenance of Poles, Towers & Fixtures	\$109,792	\$75,433	\$11,257	\$20,574	\$2,018	\$246	\$206	\$59
Acct 5125 Maintenance of Overhead Conductors & Devices	\$182,625	\$125,438	\$18,467	\$36,140	\$1,626	\$422	\$346	\$186
Acct 5135 Overhead Distribution Lines & Feeders - Right of Wav	\$514,612	\$353,512	\$52,371	\$99,348	\$6,829	\$1,171	\$970	\$411
Acct 5145 Maintenance of Underground Conduit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Acct 5150 Maintenance of Underground Conductors & Devices	\$98,297	\$67,525	\$10,004	\$18,974	\$1,307	\$224	\$185	\$78
Total	\$1,260,043	\$865,582	\$128,211	\$243,416	\$16,576	\$2,868	\$2,376	\$1,014
General Expenses	270.45	650.00-	00.400	644.40	A4 00C	***	***	
Acct 5005 - Operation Supervision and Engineering	\$76,435	\$52,235	\$8,422	\$14,408	\$1,009	\$138	\$178	\$46
Acct 5010 - Load Dispatching	\$197,969	\$135,289	\$21,813	\$37,317	\$2,612	\$357	\$461	\$120
Acct 5085 - Miscellaneous Distribution Expense	\$193,151	\$131,997	\$21,282	\$36,409	\$2,549	\$348	\$449	\$117
Acct 5105 - Maintenance Supervision and Engineering	\$15,070	\$10,299	\$1,660	\$2,841	\$199	\$27	\$35	\$9
Total	\$482,625	\$329,819	\$53,178	\$90,975	\$6,368	\$870	\$1,123	\$291
Primary Conductors and Poles Gross Assets	\$40,921,860	\$28,104,434	\$4,115,537	\$8,265,952	\$212,997	\$95,600	\$78,025	\$49,315
Acct 1815 - 1855	\$112,668,172	\$80,210,270	\$11,951,937	\$18,056,599	\$1,815,104	\$262,981	\$308,843	\$62,438

Grouping of Operation and Maintenance	Total	Residential	GS <50	GS>50	Street Light	Sentinel	5	Unmetered Scattered Load	Embedded Distributor
1830	\$ 109,792	\$ 75,433	\$ 11,257	\$ 20,574	\$ 2,018	\$ 246	\$	206	\$ 59
1835	\$ 182,625	\$ 125,438	\$ 18,467	\$ 36,140	\$ 1,626	\$ 422	\$	346	\$ 186
1840	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	-	\$ -
1845	\$ 98,297	\$ 67,525	\$ 10,004	\$ 18,974	\$ 1,307	\$ 224	\$	185	\$ 78
1830 & 1835	\$ 746,484	\$ 512,796	\$ 75,968	\$ 144,112	\$ 9,905	\$ 1,699	\$	1,407	\$ 596
1840 & 1845	\$ 122,845	\$ 84,390	\$ 12,515	\$ 23,616	\$ 1,720	\$ 279	\$	231	\$ 94
Total	\$ 1,260,043	\$ 865,582	\$ 128,211	\$ 243,416	\$ 16,576	\$ 2,868	\$	2,376	\$ 1,014



Sheet 03.4 Secondary Cost Pool Worksheet -

	nbedded
	stributor
Depreciation on Acct 1830-5 Secondary Poles, Towers & Fixtures \$175,153 \$120,375 \$18,216 \$30,892 \$4,960 \$379 \$323	\$7
Depreciation on Acct 1835-5 Secondary Overhead Conductors \$45,157 \$31,034 \$4,696 \$7,964 \$1,279 \$98 \$83	\$2
Depreciation on Acct 1840-5 Secondary Underground Conduit \$140,818 \$96,779 \$14,646 \$24,837 \$3,988 \$304 \$260	\$6
Depreciation on Acct 1845-5 Secondary Underground Conductors \$172,108 \$118,283 \$17,900 \$30,355 \$4,874 \$372 \$318	\$7
Depreciation on General Plant Assigned to Secondary C&P \$260.424 \$179,198 \$27,112 \$45,777 \$7,291 \$559 \$475 Secondary C&P Operations and Maintenance \$459,932 \$316,277 \$47,829 \$81,398 \$12,563 \$997 \$550	\$10 \$19
Allocation of General Expenses \$101,027 \$66,539 \$10,896 \$20,923 \$2,339 \$168 \$158	\$4
Admin and General Assigned to Primary C&P \$465,917 \$319,673 \$48,396 \$83,258 \$12,707 \$1,003 \$860	\$19
Pils on Secondary C&P \$38,758 \$26,637 \$4,031 \$6,836 \$1,098 \$84 \$72	\$2
Debt Return on Secondary C&P \$357,138 \$345,446 \$37,144 \$62,990 \$10,113 \$772 \$659 Equity Return on Secondary C&P \$604,752 \$415,621 \$62,986 \$10,662 \$17,125 \$1,308 \$1,116	\$14 \$24
Equity Neturn on Secondary Car 5,755 28,261,164 1,935,862 293,762 \$501,892 \$78,335 \$6,044 \$5,175	\$114
10101 92,021,104 91,030,002 92,031,102 910,1032 910,1030 90,044 90,110	\$114
General Plant - Gross Assets \$22,009,003 \$15,889,470 \$2,358,834 \$3,299,713 \$342,182 \$48,624 \$58,131	\$12,048
General Plant - Accumulated Depreciation (\$10,500,999) (\$7,581,230) (\$1,125,454) (\$1,574,369) (\$163,263) (\$23,200) (\$27,736)	(\$5,748)
General Plant - Net Fixed Assets \$11,508,003 \$8,308,240 \$1,233,381 \$1,725,345 \$178,919 \$25,425 \$30,395	\$6,300
General Plant - Depreciation \$1,324,417 \$956,167 \$141,946 \$198,564 \$20,591 \$2,926 \$3,498	\$725
Total Net Fixed Assets Excluding General Plant \$65,663,794 \$47,360,508 \$7,032,355 \$9,880,564 \$1,032,786 \$146,218 \$175,401	\$35,960
	,
Total Administration and General Expense \$5,089,068 \$4,004,158 \$544,748 \$423,518 \$81,886 \$18,137 \$13,345	\$3,276
Total O&M \$5,029,433 \$3,961,619 \$538,359 \$414,055 \$80,955 \$18,015 \$13,186	\$3,244
Secondary Conductors and Poles Gross Plant	
Acct 1830-5 Secondary Poles, Towers & Fixtures \$8,216,546 \$5,646,891 \$854,547 \$1,449,180 \$232,668 \$17,765 \$15,166	\$329
Acct 1835-5 Secondary Overhead Conductors \$2,698,813 \$1,854,782 \$280,685 \$475,999 \$76,422 \$5,835 \$4,981	\$108
Acct 1840-5 Secondary Underground Conduit \$6,092,838 \$4,187,355 \$633,675 \$1,074,614 \$172,531 \$13,173 \$11,246 Acct 1845-5 Secondary Underground Conductors \$6,537,313 \$4,492,824 \$679,902 \$1,153,008 \$185,117 \$14,134 \$12,066	\$244 \$262
Subtotal \$23,545,510 \$16,181,853 \$2,448,809 \$4,152,800 \$666,738 \$50,907 \$43,459	\$943
Secondary Conductors and Poles Accumulated Depreciation	
Acct 1830-5 Secondary Poles, Towers & Fixtures (52.819.236) (51.937.544) (\$293.210) (\$497.238) (\$79.832) (\$6.095) (\$5.204) (\$4.205) (\$6.20	(\$113) (\$42)
Acct 1835-5 secondary Underground Conduit (\$2,909,145) (\$1,000,000) (\$100,000) (\$100,000) (\$100,000) (\$229,000	(\$42)
Acct 1845-5 Secondary Underground Conductors (\$3,785,974) (\$2,601,943) (\$393,754) (\$667,745) (\$107,207) (\$8,186) (\$6,988)	(\$152)
Subtotal (\$10,630,443) (\$7,305,863) (\$1,105,601) (\$1,874,927) (\$301,022) (\$22,984) (\$19,621)	(\$426)
Secondary Conductor & Pools - Net Fixed Assets \$12,915,067 \$8.875,990 \$1,343,209 \$2,277,873 \$365,716 \$27,923 \$23,838	\$517
General Plant Assigned to Secondary C&P - NFA \$2,262,851 \$1,557,075 \$235,581 \$397,762 \$63,356 \$4,855 \$4,131	\$91
Secondary C&P Net Fixed Assets Including General Plant \$15,177,918 \$10,433,065 \$1,578,790 \$2,675,636 \$429,072 \$32,779 \$27,969	\$608
Acct 1830-3 Bulk Poles, Towers & Fixtures \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0
Acct 1835-3 Bulk Overhead Conductors \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0
Acct 1840-3 Bulk Underground Conduit \$0 \$0 \$0 \$0 \$0	\$0
Acct 1845-3 Bulk Underground Conductors \$0 \$0 \$0 \$0 \$0	\$0
Subtotal \$0 \$0 \$0 \$0 \$0 \$0	\$0
Acct 1830-4 Primary Poles, Towers & Fixtures \$6,198,447 \$4,256,987 \$623,382 \$1,252,046 \$32,263 \$14,481 \$11,818	\$7,470
Acct 1835-4 Primary Overhead Conductors \$14,168,769 \$9,730,869 \$1,424,962 \$2,862,000 \$73,748 \$33,101 \$27,015	\$17,075
Acct 1840-4 Primary Underground Conduit \$8,413,920 \$5,778,536 \$846,193 \$1,699,558 \$43,794 \$19,656 \$16,043	\$10,140
Acct 1845-4 Primary Underground Conductors \$12,140,724 \$8,338,042 \$1,221,000 \$2,452,348 \$63,192 \$28,363 \$23,148	\$14,631
Subtotal \$40,921,860 \$28,104,434 \$4,115,537 \$8,265,952 \$212,997 \$95,600 \$78,025	\$49,315
Operations and Maintenance	
Acct 5020 Overhead Distribution Lines & Feeders - Labour \$179.207 \$123.106 \$18.238 \$34.597 \$2.378 \$408 \$338	\$143
Acct 5025 Overhead Distribution Lines & Feeders - Other \$52,665 \$36,178 \$5,360 \$10,167 \$699 \$120 \$99	\$42
Acct 5040 Underground Distribution Lines & Feeders - Labour \$86,275 \$59,288 \$8,789 \$16,586 \$1,208 \$196 \$162 Acct 5045 Underground Distribution Lines & Feeders - Other \$36,570 \$25,122 \$3,726 \$7,030 \$512 \$83 \$69	\$66 \$28
Acct 5090 Underground Distribution Lines & Feeders - Rental Paid \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0
Acct 5095 Overhead Distribution Lines & Feeders - Rental Paid \$0 \$0 \$0 \$0 \$0 \$0	\$0
Acct 5120 Maintenance of Poles, Towers & Fixtures \$109,792 \$75,433 \$11,257 \$20,574 \$2,018 \$246 \$206 Acct 5125 Maintenance of Overhead Conductors & Devices \$182,625 \$125,438 \$18,467 \$36,140 \$1,626 \$422 \$346	\$59 \$186
Acct 5120 Maillemance of Overhead Colluctor's a Devices \$162,625 \$120,450 \$16,467 \$300,140 \$1,020 \$442 \$340 Acct 5136 Novehead Distribution Lines & Feeders - Right of Way \$514,612 \$533,512 \$52,371 \$99,348 \$6,829 \$1,171 \$970	\$411
Acct 5145 Maintenance of Underground Conduit \$0 \$0 \$0 \$0 \$0	\$0
Acct 5150 Maintenance of Underground Conductors & Devices \$98,297 \$67,525 \$10,004 \$18,974 \$1,307 \$224 \$185	\$78
Total \$1,260,043 \$865,582 \$128,211 \$243,416 \$16,576 \$2,868 \$2,376	\$1,014
General Expenses	
Acct 5005 - Operation Supervision and Engineering \$76,435 \$52,235 \$8,422 \$14,408 \$1,009 \$138 \$178	\$46
Acct 5010 - Load Dispatching \$197,969 \$135,289 \$21,813 \$37,317 \$2,612 \$357 \$461	\$120
Acct 5085 - Miscellaneous Distribution Expense \$193,151 \$131,997 \$21,282 \$36,409 \$2,549 \$348 \$449 Acct 5105 - Maintenance Supervision and Engineering \$15,070 \$10,299 \$1,660 \$2,841 \$199 \$27 \$35	\$117 \$9
Acct stub - Maintenance Supervision and Engineering \$15,070 \$2,041 \$199 \$27 \$357 \$357 \$357 \$357 \$357 \$357 \$357 \$35	\$9 \$291
Secondary Conductors and Poles Gross Assets \$23,545,510 \$16,181,853 \$2,448,809 \$4,152,800 \$666,738 \$50,907 \$43,459	\$943
Acct 1815 - 1855 \$112,668,172 \$80,210,270 \$11,951,937 \$18,056,599 \$1,815,104 \$262,981 \$308,843	\$62,438

Grouping of Operation and Maintenance		Total	Residential		GS <50	GS>50		Street Light		Sentinel	s	Unmetered Scattered Load		Embedded Distributor
1830	\$	109,792	\$ 75,433	\$	11,257	\$ 20,574	\$	2,018	\$	246	\$	206	\$	59
1835	\$	182,625	\$ 125,438	\$	18,467	\$ 36,140	\$	1,626	\$	422	\$	346	\$	186
1840	\$	-	\$ -	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-
1845	\$	98,297	\$ 67,525	\$	10,004	\$ 18,974	\$	1,307	\$	224	\$	185	\$	78
1830 & 1835	\$	746,484	\$ 512,796	\$	75,968	\$ 144,112	\$	9,905	\$	1,699	\$	1,407	\$	596
1840 & 1845	S	122 845	\$ 84 390	s	12.515	\$ 23,616	s	1.720	s	279	\$	231	s	94

Total \$ 1,260,043 \$ 865,682 \$ 128,211 \$ 243,416 \$ 16,576 \$ 2,868 \$ 2,376 \$ 1,014



Sheet 03.5 USL Metering Credit Worksheet

ALLOCATION BY DATE OF ASSISTATION

Description	GS <50
Depreciation on Acct 1860 Metering	\$40.030
Depreciation on General Plant Assigned to Metering	\$8.230
Acct 5065 - Meter expense	\$40,740
Acct 5070 & 5075 - Customer Premises	\$33,875
Acct 5175 - Meter Maintenance	\$306
Acct 5310 - Meter Reading	\$455
Admin and General Assigned to Metering	\$76,271
PILs on Meterina	\$1,224
Debt Return on Meterina	\$11.275
Equity Return on Meterina	\$19,093
Total	\$231,499
Number of Customers	2,098
Metering Unit Cost (\$/Customer/Month)	\$9.20
General Plant - Gross Assets	\$2,358,834
General Plant - Accumulated Depreciation	(\$1,125,454)
General Plant - Net Fixed Assets	\$1,233,381
General Plant - Depreciation	\$141,946
Total Net Fixed Assets Excluding General Plant	\$7.032.355
Total Administration and General Expense	\$544,748
Total O&M	\$538,359
Metering Rate Base	
Acct 1860 - Metering - Gross Assets	\$1 372 699
Metering - Accumulated Depreciation	(\$964.953)
Metering - Net Fixed Assets	\$407,746
General Plant Assigned to Metering - NFA	\$71.513
Metering Net Fixed Assets Including General Plant	\$479.259

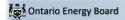


EB-2024-0020

Sheet 03.6 MicroFIT Charge Worksheet -

Instructions:
More Instructions provided on the first tab in this workbook.

<u>Description</u>	Residential	onthly t Cost
Customer Premises - Operations Labour (5070)	\$475,636.75	\$ 1.35
Customer Premises - Materials and Expenses (5075)	\$ -	\$ -
Meter Expenses (5065)	\$286,236.82	\$ 0.81
Maintenance of Meters (5175)	\$ 2,150.49	\$ 0.01
Meter Reading Expenses (5310)	\$ 17,792.97	\$ 0.05
Customer Billing (5315)	\$874,047.44	\$ 2.47
Amortization Expense - General Plant Assigned to Meters	\$ 57,837.57	\$ 0.16
Admin and General Expenses allocated to O&M expenses for meters	\$239,486.30	\$ 0.68
Allocated PILS (general plant assigned to meters)	\$ 1,283.09	\$ 0.00
Interest Expense	\$ 11,823.06	\$ 0.03
Income Expenses	\$ 20,020.29	\$ 0.06
Total Cost	#######################################	\$ 5.62
Number of Residential Customers	29454.27285	



EB-2024-0020 Sheet O4 Sur

Ministry					1	2	3	7	8	9	10
Section Processing Process P		Accounts	O1 Grouping	Total	Residential	GS <50	GS>50	Street Light	Sentinel		
March Marc											
Miles	1805	Land	dp	\$0							
Miles	1805-1										
Section Column	1806										
State	1806-2										
Section Sect	1808	Buildings and Fixtures									
Security Improvement of V											
Secretary Secr	1810	Leasehold Improvements	dp					\$0			
18.50 1.00											
Section Section Section Sectio	1815	Transformer Station Equipment - Normally Primary above 50 kV	dp	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Description											
1803 Marco 1803 1804 1805	1820-2										
State Stat	1020.2		dp	¢0	\$0	40	en.	\$0	60	en.	\$0
State Stat	1825		dp								
1930 Power, Towers and Finaters. Comparison of the Compariso	1825-1										
Posts Tower and Final as-Balteramission But College Section Continues	1825-2										
	1830-3		dp			\$0					
1835 Overhead Conductors and Devices - Scientific State 10											
180-54 Ownhead Conduction and Devices - Pirmany 6	1835	Overhead Conductors and Devices	dp	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18.5.5 Ownead Conductors and Devices - Secondary											
Lebergrout Conduct - Man Delivery do	1835-5										
Leberground Conduit - Primary	1840	Underground Conduit Underground Conduit - Bulk Delivery									
	1840-4			\$8,413,920							
1865-1 Undergoard Conclusion and Devices - Potenty dp 5 5 5 5 5 5 5 5 5	1840-5										
Underground Confunction and Devices - Secondary dp	1845-3										
Line Transformers	1845-4										
Services				\$6,537,313 \$28.142.366							
Second Computer	1855	Services	dp	\$20,058,436	\$16,400,488	\$2,336,115	\$326,453	\$787,405			\$11,136
Land Rights Graph State											
	1906	Land Rights		\$353,856	\$255,468	\$37,925	\$53,052	\$5,502	\$782	\$935	\$194
1915 Office Furniture and Equipment pg											
1925 Computer Software gp \$5,541 800 \$503,967 \$503,9	1915										
Transportation Equipment Sp. Sp. 235.589 94.001 804 \$688.305 \$394.475 \$396.477 \$131.470 \$3.413 \$31.955 \$1095 \$5005 \$2005 \$	1920										
Slores Equipment gp \$134,945 \$97,424 \$14,463 \$20,232 \$2,086 \$238 \$356 \$74	1930										
1945 Measurement and Testing Equipment Graph S10,247 S50,715 S7,529 S10,532 S1,052 S155 S186 S38 S195 Ozmmunication Equipment Graph S192,478 S138,960 S0 S0 S0 S0 S0 S0 S0	1935	Stores Equipment			\$97,424	\$14,463	\$20,232		\$298	\$356	\$74
Power Operated Equipment											
1980 Miscelaneous Equipment Decision Summary S	1950	Power Operated Equipment	gp	\$0	\$0	\$0	\$0	\$0		\$0	\$0
1970 Load Management Controls - Customer Premises no											
1980 Olstr Turnspler Property Spot Superissory Equipment Spot	1970	Load Management Controls - Customer Premises			\$0	\$0	\$0	\$0	\$0	\$0	\$0
1995 Other Tangible Property 50 50 50 50 50 50 50											
Property Under Capital Leases gp	1990	Other Tangible Property		\$0	\$0	\$0		\$0	\$0	\$0	\$0
Section Electric Plant Purchased or Sold So											
Accum Author Zelloth Callot for Electric Unitry Plant - Indragibles 450,0325,962 (\$36,752,285) (\$53,4416,863) (\$72,1659) (\$334,227) (\$36,3452,447) (\$35,324,447) (\$35,344,447) (\$35	2010										
2120 Accumulated Amortization of Electric Utility Plant - Intangibles accum dep \$35,258,447 \$(22,352,446) \$(23,52,446) \$(53,49,277) \$(35,49,29,277) \$(35,49,29,277) \$(35,49,29,277) \$(35,49,29,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,29) \$(34,49,29,	2105				(\$26.7E2.00E)				(0100.050)	(\$114.000)	(\$27.402)
Salance Transferred From Income NI	2120		accum dep								
CREV \$0	3046	Balance Transferred From Income	NI				(\$462,660)				
4082 Retail Services Revenues mi \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	4000		CDEV								
4084 Service Transaction Requests (STR) Revenues mi \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0					• •						
4086 SSS Admin Charge	4084										
August A	4086			• •							
4210 Rent from Electric Property mi (\$155,000) (\$106,493) (\$15,892) (\$29,045) (\$28,49) (\$347) (\$290) (\$844 4215 Other Utility Operating Income mi \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	4090		mi		\$0		\$0	\$0	\$0		\$0
A215 Other Utility Operating Income mi S0 S0 S0 S0 S0 S0 S0 S	4205			•••	ΨÜ		40	Ψυ	+ 0		
A2220 Other Electric Revenues mi											
4225 Late Payment Charges mi (\$210,000) (\$188,524) (\$20,947) (\$529) \$0											
4235 Miscellaneous Service Revenues mi \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	4225										
Miscellaneous Service Revenues - Residual mi (\$76,000) (\$59,831) (\$8,135) (\$6,291) (\$1,223) (\$272) (\$199) (\$49)	4235	•	mi								
4240 Provision for Rate Refunds mi \$0 <	4235-1										
4245 Government Assistance Directly Credited to Income mi (\$365,033) (\$287,374) (\$39,074) (\$30,214) (\$5,875) (\$1,304) (\$957) (\$235) 4305 Regulatory Debits mi \$0											
4305 Regulatory Debits mi \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0				• •							
4310 Regulatory Credits mi \$0 <th>4305</th> <th></th>	4305										
mi \$0<	4310										
4320 Expenses of Electric Plant Leased to Others mi \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0											
	4320	Expenses of Electric Plant Leased to Others	mi	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

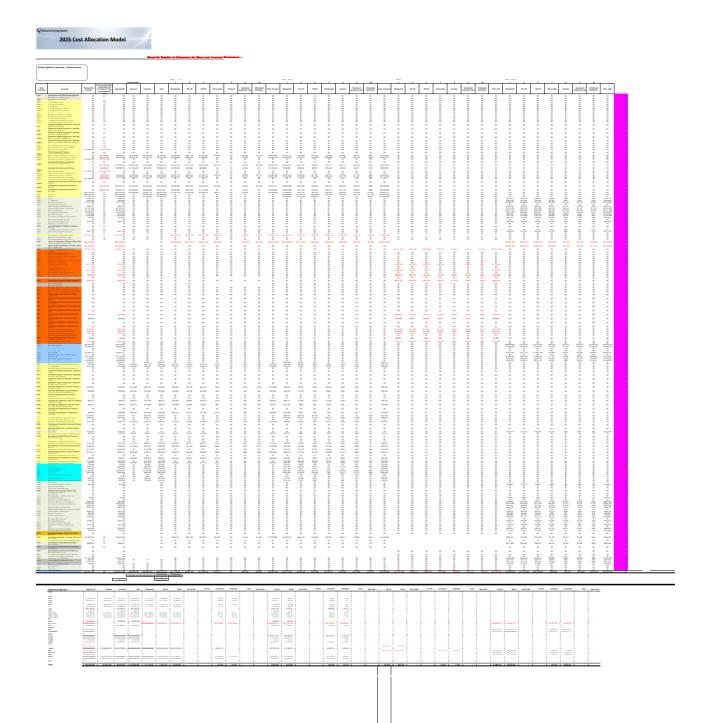
4325 4330	Revenues from Merchandise, Jobbing, Etc.	mi :	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4335	Costs and Expenses of Merchandising, Jobbing, Etc. Profits and Losses from Financial Instrument Hedges	mi mi	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
4340	Profits and Losses from Financial Instrument Investments	mi	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0
4345	Gains from Disposition of Future Use Utility Plant	mi	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4350	Losses from Disposition of Future Use Utility Plant	mi	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4355 4360	Gain on Disposition of Utility and Other Property Loss on Disposition of Utility and Other Property	mi mi	(\$75,000)	(\$59,077)	(\$8,028)	(\$6,174)	(\$1,207)	(\$269)	(\$197)	(\$48)
4365	Gains from Disposition of Allowances for Emission	mi	\$45,000 \$0	\$35,426 \$0	\$4,817 \$0	\$3,725 \$0	\$724 \$0	\$161 \$0	\$118 \$0	\$29 \$0
4370	Losses from Disposition of Allowances for Emission	mi	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4375	Revenues from Non-Utility Operations	mi	(\$162,539)	(\$128,030)	(\$17,398)	(\$13,381)	(\$2,616)	(\$582)	(\$426)	(\$105)
4380	Expenses of Non-Utility Operations	mi	\$147,910	\$116,443	\$15,833	\$12,243	\$2,380	\$528	\$388	\$95
4390 4395	Miscellaneous Non-Operating Income	mi mi	(\$30,000)	(\$23,618)	(\$3,211)	(\$2,483)	(\$483)	(\$107)	(\$79)	(\$19)
4395	Rate-Payer Benefit Including Interest Foreign Exchange Gains and Losses, Including Amortization	mi	\$0 \$3,000	\$0 \$2,362	\$0 \$321	\$0 \$248	\$0 \$48	\$0 \$11	\$0 \$8	\$0 \$2
4405	Interest and Dividend Income	mi	(\$152,582)	(\$120,121)	(\$16,333)	(\$12,629)	(\$2,456)	(\$545)	(\$400)	(\$98)
4415	Equity in Earnings of Subsidiary Companies	mi	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4705	Power Purchased	сор	\$58,204,653	\$28,660,348	\$7,132,541	\$18,552,823	\$245,044	\$26,414	\$139,314	\$3,448,169
4708 4710	Charges-WMS	cop	\$2,442,412	\$1,202,660	\$299,299	\$778,523	\$10,283	\$1,108	\$5,846	\$144,694
4710	Cost of Power Adjustments Charges-One-Time	сор	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
4714	Charges-NW	сор	\$5,856,757	\$2,817,491	\$701,173	\$1,958,734	\$24,089	\$2,597	\$13,695	\$338,977
4715	System Control and Load Dispatching	сор	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4716	Charges-CN	сор	\$4,135,672	\$1,989,535	\$495,124	\$1,383,134	\$17,010	\$1,834	\$9,671	\$239,364
4730 4750	Rural Rate Assistance Expense	сор	\$734,928	\$361,883	\$90,060	\$234,259	\$3,094	\$334	\$1,759	\$43,539
4750	Charges-LV Charges-Smart Metering Entity	cop	\$2,003,892 \$129,071	\$964,006 \$120,490	\$239,907 \$8,581	\$670,182 \$0	\$8,242 \$0	\$888 \$0	\$4,686 \$0	\$115,981 \$0
5005	Operation Supervision and Engineering	di	\$76,435	\$52,235	\$8,422	\$14,408	\$1,009	\$138	\$178	\$46
5010	Load Dispatching	di	\$197,969	\$135,289	\$21,813	\$37,317	\$2,612	\$357	\$461	\$120
5012	Station Buildings and Fixtures Expense	di	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5014 5015	Transformer Station Equipment - Operation Labour Transformer Station Equipment - Operation Supplies and Expenses	di di	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
5016	Distribution Station Equipment - Operation Supplies and Expenses	di	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
5017	Distribution Station Equipment - Operation Supplies and Expenses	di	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5020 5025	Overhead Distribution Lines and Feeders - Operation Labour Overhead Distribution Lines & Feeders - Operation Supplies and	di di	\$179,207	\$123,106	\$18,238	\$34,597	\$2,378	\$408	\$338	\$143
	Expenses		\$52,665	\$36,178	\$5,360	\$10,167	\$699	\$120	\$99	\$42
5030 5035	Overhead Subtransmission Feeders - Operation	di di	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5040	Overhead Distribution Transformers- Operation Underground Distribution Lines and Feeders - Operation Labour	di	\$0 \$86,275	\$0 \$59,268	\$0 \$8,789	\$0 \$16,586	\$0 \$1,208	\$0 \$196	\$0 \$162	\$0 \$66
5045	Underground Distribution Lines & Feeders - Operation Supplies &	di								***
5050	Expenses Underground Subtransmission Feeders - Operation	di	\$36,570	\$25,122	\$3,726	\$7,030	\$512	\$83	\$69	\$28
5055	Underground Distribution Transformers - Operation	di	\$0 \$38,399	\$0 \$26,639	\$0 \$4,164	\$0 \$7,247	\$0 \$202	\$0 \$77	\$0 \$69	\$0 \$1
5065	Meter Expense	cu	\$332,491	\$286,237	\$40,740	\$5,359	\$0	\$0	\$0	\$155
5070	Customer Premises - Operation Labour	cu	\$564,505	\$475,637	\$33,875	\$3,787	\$45,672	\$3,487	\$1,983	\$65
5075 5085	Customer Premises - Materials and Expenses	cu di	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5085	Miscellaneous Distribution Expense Underground Distribution Lines and Feeders - Rental Paid	di	\$193,151 \$0	\$131,997 \$0	\$21,282 \$0	\$36,409 \$0	\$2,549 \$0	\$348 \$0	\$449 \$0	\$117 \$0
5095	Overhead Distribution Lines and Feeders - Rental Paid	di	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0	\$0
5096	Other Rent	di	\$132,433	\$104,316	\$14,176	\$10,903	\$2,132	\$474	\$347	\$85
5105	Maintenance Supervision and Engineering	di	\$15,070	\$10,299	\$1,660	\$2,841	\$199	\$27	\$35	\$9
5110 5112	Maintenance of Buildings and Fixtures - Distribution Stations	di di	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5112	Maintenance of Transformer Station Equipment Maintenance of Distribution Station Equipment	di	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0
5120	Maintenance of Poles, Towers and Fixtures	di	\$109,792	\$75,433	\$11,257	\$20,574	\$0 \$2.018	\$0 \$246	\$206	\$59
5125	Maintenance of Overhead Conductors and Devices	di	\$182,625	\$125,438	\$18,467	\$36,140	\$1,626	\$422	\$346	\$186
5130	Maintenance of Overhead Services	di 	\$112,853	\$92,273	\$13,143	\$1,837	\$4,430	\$338	\$769	\$63
5135 5145	Overhead Distribution Lines and Feeders - Right of Way	di di	\$514,612	\$353,512	\$52,371	\$99,348	\$6,829	\$1,171	\$970	\$411
5150	Maintenance of Underground Conduit Maintenance of Underground Conductors and Devices	di	\$0 \$98,297	\$0 \$67,525	\$0 \$10,004	\$0 \$18,974	\$0 \$1,307	\$0 \$224	\$0 \$185	\$0 \$78
5155	Maintenance of Underground Services	di	\$178,490	\$145,940	\$20,788	\$2,905	\$7,007	\$535	\$1,217	\$99
5160	Maintenance of Line Transformers	di	\$84,555	\$58,659	\$9,168	\$15,958	\$445	\$169	\$152	\$3
5175 5305	Maintenance of Meters	cu	\$2,498	\$2,150	\$306	\$40	\$0	\$0	\$0	\$1
5305	Supervision Meter Reading Expense	cu cu	\$225,691 \$18,450	\$191,323 \$17,793	\$27,252 \$455	\$5,073 \$197	\$31 \$0	\$1,164 \$0	\$662 \$0	\$186 \$5
5315	Customer Billing	cu	\$1,031,057	\$874,047	\$124,501	\$23,174	\$141	\$5,319	\$3,024	\$851
5320	Collecting	cu	\$605,006	\$512,876	\$73,055	\$13,598	\$83	\$3,121	\$1,774	\$499
5325	Collecting- Cash Over and Short	cu	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5330 5335	Collection Charges Bad Debt Expense	cu cu	\$120	\$102	\$14	\$3 \$202	\$0 \$0	\$1 \$0	\$0 \$0	\$0 \$0
5335	Miscellaneous Customer Accounts Expenses	cu	\$80,000 \$12,650	\$71,818 \$10,724	\$7,980 \$1,527	\$202 \$284	\$0 \$2	\$0 \$65	\$0 \$37	\$0 \$10
5405	Supervision	ad	\$12,030	\$10,724	\$1,327	\$0	\$0	\$0	\$0	\$0
5410	Community Relations - Sundry	ad	\$25,000	\$19,692	\$2,676	\$2,058	\$402	\$90	\$66	\$16
5415 5420	Energy Conservation	ad ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5425	Community Safety Program Miscellaneous Customer Service and Informational Expenses	ad	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
5505	Supervision	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5510	Demonstrating and Selling Expense	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5515 5520	Advertising Expense Miscellaneous Sales Expense	ad ad	\$2,500	\$1,969	\$268	\$206	\$40	\$9	\$7	\$2
5605	Executive Salaries and Expenses	ad	\$0 \$482,365	\$0 \$379,953	\$0 \$51,633	\$0 \$39,711	\$0 \$7,764	\$0 \$1,728	\$0 \$1,265	\$0 \$311
5610	Management Salaries and Expenses	ad	\$482,365 \$2,087,587	\$379,953 \$1,644,365	\$51,633	\$39,711 \$171,864	\$7,764	\$1,728 \$7,477	\$1,265 \$5,473	\$311 \$1,347
5615	General Administrative Salaries and Expenses	ad	\$289,038	\$227,671	\$30,939	\$23,795	\$4,652	\$1,035	\$758	\$186
5620	Office Supplies and Expenses	ad	\$282,160	\$222,254	\$30,203	\$23,229	\$4,542	\$1,011	\$740	\$182
5625 5630	Administrative Expense Transferred Credit Outside Services Employed	ad ad	\$0 \$249 149	\$0 \$196.251	\$0 \$26,660	\$0 \$20.512	\$0 \$4.010	\$0 \$892	\$0 \$653	\$0 \$161
5635	Property Insurance	ad	\$249,149 \$23,000	\$196,251 \$16,605	\$26,669 \$2,465	\$20,512 \$3,448	\$4,010 \$358	\$892 \$51	\$653 \$61	\$161 \$13
5640	Injuries and Damages	ad	\$76,025	\$59,884	\$8,138	\$6,259	\$1,224	\$272	\$199	\$49
5645	Employee Pensions and Benefits	ad	\$160,000	\$126,030	\$17,127	\$13,172	\$2,575	\$573	\$419	\$103
5650 5655	Franchise Requirements	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5655 5660	Regulatory Expenses General Advertising Expenses	ad ad	\$556,416 \$0	\$438,282 \$0	\$59,560 \$0	\$45,808 \$0	\$8,956 \$0	\$1,993 \$0	\$1,459 \$0	\$359 \$0
5665	Miscellaneous General Expenses	ad	\$0 \$185,706	\$0 \$146,278	\$0 \$19,878	\$15,289	\$0 \$2,989	\$0 \$665	\$0 \$487	\$120
5670	Rent	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5675	Maintenance of General Plant	ad	\$594,902	\$468,597	\$63,679	\$48,976	\$9,576	\$2,131	\$1,560	\$384
5680 5685	Electrical Safety Authority Fees Independent Market Operator Fees and Penalties	ad cop	\$14,400	\$11,343	\$1,541	\$1,186	\$232	\$52	\$38	\$9
		30p	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

5705	Amortization Expense - Property, Plant, and Equipment	dep	\$3,457,632	\$2,517,635	\$372,752	\$498,728	\$50,864	\$7,229	\$8,527	\$1,898
5710	Amortization of Limited Term Electric Plant	dep	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5715	Amortization of Intangibles and Other Electric Plant	dep	\$592,401	\$427,686	\$63,491	\$88,816	\$9,210	\$1,309	\$1,565	\$324
5720	Amortization of Electric Plant Acquisition Adjustments	dep	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5730	Amortization of Unrecovered Plant and Regulatory Study Costs	dep	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5735	Amortization of Deferred Development Costs	dep	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5740	Amortization of Deferred Charges	dep	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6005	Interest on Long Term Debt	INT	\$1,815,791	\$1,309,653	\$194,465	\$273,226	\$28,559	\$4,043	\$4,850	\$994
6105	Taxes Other Than Income Taxes	ad	\$44,000	\$31,735	\$4,712	\$6,621	\$692	\$98	\$118	\$24
6110	Income Taxes	Input	\$197,057	\$142,129	\$21,104	\$29,652	\$3,099	\$439	\$526	\$108
6205-1	Sub-account LEAP Funding	ad	\$16,820	\$13,249	\$1,800	\$1,385	\$271	\$60	\$44	\$11
6210	Life Insurance	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6215	Penalties	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6225	Other Deductions	ad	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

\$162,812,029 \$101,151,423 \$18,535,001 \$36,373,562 \$1,714,247 \$244,499 \$412,643 \$4,380,654

\$1	62.	81	2.	029	

Grouping by Allocator		Total	ı	Residential	1	GS <50		GS>50		Street Light	!	Sentinel		Unmetered Scattered Load		Embedded Distributo
1808	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	
1815	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
1820	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
1830	\$	109,792	\$	75,433	\$	11,257	\$	20,574	\$	2,018	\$	246	\$	206	\$	59
1835	\$	182,625	\$	125,438	\$	18,467	\$	36,140	\$	1,626	\$	422	\$	346	\$	186
1840	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
1845	\$	98,297	\$	67,525	\$	10,004	\$	18,974	\$	1,307	\$	224	\$	185	\$	78
1850	\$	122,954	\$	85,298	\$	13,332	\$	23,205	\$	646	\$	246	\$	221	\$	5
1855	\$	291,343	\$	238,212	\$	33,931	\$	4,742	\$	11,437	\$	873	\$	1,986	\$	162
1860	\$	2,498	\$	2,150	\$	306	\$	40	\$	-	\$	-	\$	-	\$	1
1815-1855	\$	482,625	\$	329,819	\$	53,178	\$	90,975	\$	6,368	\$	870	\$	1,123	\$	291
1830 & 1835	\$	746,484	\$	512,796	\$	75,968	\$	144,112	\$	9,905	\$	1,699	\$	1,407	\$	596
1840 & 1845	\$	122,845	\$	84,390	\$	12,515	\$	23,616	\$	1,720	\$	279	\$	231	\$	94
ВСР	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-	\$	
BDHA	\$	80,000	\$	71,818	\$	7,980	\$	202	\$	-	\$	-	\$	-	\$	
Break Out	-\$	64,658,295	-\$	47,130,133	-\$	6,981,491	-\$	9,343,427	-\$	885,507	-\$	131,426	-\$	151,086	-\$	35,225
CCA	\$	564,505	\$	475,637	\$	33,875	\$	3,787	\$	45,672	\$	3,487	\$	1,983	\$	65
CDMPP	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-	\$	
CEN	\$	9,992,429	\$	4,807,026	\$	1,196,298	\$	3,341,868	\$	41,100	\$	4,430	\$	23,366	\$	578,340
CEN EWMP	\$	63,514,957	\$	31,309,386	\$	7,770,389	\$	20,235,787	\$	266,663	\$	28,745	\$	151,604	\$	3,752,383
CREV	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-	\$	
cwcs	\$	20,058,436	\$	16,400,488	\$	2,336,115	\$	326,453	\$	787,405	\$	60,120	\$	136,719	\$	11,136
CWMC	\$	11,535,441	\$	9,930,699	\$	1,413,439	\$	185,926	\$	-	\$	-	\$	-	\$	5,377
CWMR	\$	18,450	\$	17,793	\$	455	\$	197	\$	-	\$	-	\$	-	\$	5
CWNB	\$	1,874,524	\$	1,589,071	\$	226,350	\$	42,132	\$	256	\$	9,670	\$	5,497	\$	1,547
DCP	\$	_	\$		\$		\$		\$	-	\$		\$		\$	
LPHA	-\$	210,000	-\$	188,524	-\$	20,947	-\$	529	\$	-	\$	-	\$		\$	
LTNCP	\$	28,142,366	\$	19,523,495	\$	3,051,475	\$	5,311,395	\$	147,964	\$	56,353	\$	50,640	\$	1,044
NFA	-\$	1,747,492	-\$	1,293,046	-\$	186,411	-\$	229,735	-\$	28,106	-\$	4,667	-\$	4,516	-\$	1,012
NFA ECC	\$	22,032,003	\$	15,906,075	\$	2,361,300	\$	3,303,162	\$	342,539	\$	48,675	\$	58,192	\$	12,060
O&M	\$	5,154,501	\$	4,060,133	\$	551,746	\$	424,352	\$	82,968	\$	18,463	\$	13,514	\$	3,325
PNCP	\$	40,921,860	\$	28,104,434	\$	4,115,537	\$	8,265,952	\$	212,997	\$	95,600	\$	78,025	\$	49,315
SNCP	\$	23,545,510	\$	16,181,853	\$	2,448,809	\$	4,152,800	\$	666,738	\$	50,907	\$	43,459	\$	943
тср	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Total	\$	162.978.658	s	101.287.268	\$	18.553.879	s	36.382.699	\$	1,715,717	s	245.216	\$	413,104	s	4.380.775



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2 2 4	Control Energy Section 2015 Control Section	ocati	on M	Jael	4												
Datais Output Deman Custor	Sheet Details How Various Composite Allocators as d Allocators can be found in columns C to AD ner Allocators can be found in columns AJ to BN	Demand AP	cators							Sustome- A	cators						
22 22 23 Compo 24 Rato B	site allocators	Demand Yutal	Residential	2 69 - 50	3 66-90	7 Street Light	Section 5	S Unnetered attered Lead	10 Embedded Distributor	betomer Total	Residential	2 01:40	2 69-90	7 Street Light	Section Sc	Dometered is	10 Entended Distributor
1965 1806-1 1806-2 1806-2 1806-1	Conservation and Demand Management Land Station His RV 1 and Rotts Station His RV		\$0 \$0 \$0 \$0	30 30 30 30	50 50 50 50	50 50 50 50 50	10 30 30 30 30	\$0 \$0 \$0 \$0	50 50 50 50	10 10 40 40	50 60 60 50	32 50 64 64	\$0 \$0 \$0 \$0 \$0	50 50 60 60	10 10 40 40	90 90 90 90 90	20 20 44 44 45
2 1806-2 1806-1 2 1808-2 2 1808-2 2 1808-2	Land Richts Station - GE KV Tural Buildinos and Flatures > SE KV Buildinos and Flatures < SE KV Tural Leasehold Instruments > 56 KV		90 90 90 90 90	30 30 30 30	20 20 20 20 20	50 50 50 50 50 50	30 30 30 30 30	50 50 50 50 50	90 90 90 90	10 10 10 10	50 50 50 60	30 41 30 30 44	90 90 90 90 90	50 50 50 50 50	10 10 10 10 10	90 90 90 90 90	30 44 30 30 44 20
2 1810-2 2 1811 2 1815 2 1820-1	Leasthold Inscrivements - GS KV Trans Essessance Station Significant - Normally Princip abous 50 KV Soft-Subon Station Significant - Normally Princip Described V (Russ)		90 90 90		20 20 20	50 64 50	10 10 10	90 90 90	90 90	10 10 10	90 90 90	30 41 30	90 90 90	20 20 20	10 40 10	90 90 90	30 40 30
45 160-2 45 160-3 50 1601 50 1601	Distribution Station Squipment - Narmally Primary-best of XV (Financy) Distribution Station Squipment - Narmally Primary-bestow SD XV (Rhodesale Material Name bestow SD XV (Rhodesale Material Name Station SD XV (Rhodesale	# # # # # # # # # # # # # # # # # # #	90 90 90	30 30 40	30 30 60	90 90 64	\$0 \$0 40	90 90 40	50 50 60	20 20 40	50 50 61	30 30 41	\$0 \$0 44	\$0 \$0 61	30 30 40	90 90 44	20 20 20
1800-3 1800-4 1800-6	Stocked Matters discussment - 50 kV Stocked Matters (Socialment - 60 kV Stocked Matters (Socialment - 60 kV Stocked Matters - Statisticalment - 60 kV Stocked Matters - Francis County and Fotures - Primary Prime Towers and Fotures - Sociondary Prime Towers and Fotures - Sociondary		50 60 52 281 8Ns 53 223 827	30 50 30 50 30 713 50 81 875	50 51 236 320 51 429 887	50 60 50 517 294 50	30 40 50 50 50	50 50 53 586 55 086	90 97 201 98 201	50 50 52 100 656 52 875 701	50 61 90 51 975 111 52 622 064	30 30 3140 888 3172 573	90 90 915 726 919 292	52 514 968 5222 668	\$0 \$0 \$14 681 \$17 785	90 90 90 223 900 100	32 228 329 329 329 329
63 1835-3 1835-4 1835-5 46 1835-5	Overhead Conductors and Devices Substancemation But Debievy Overhead Conductors and Devices - Persary Overhead Conductors and Devices - Secondary State	\$10.962.929	\$0 65 +46 A45 \$1 058 901 \$6 276 906	\$2 61 100 411 9226 000 \$1 327 416	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 698.691 \$0 \$38.631	\$0 40 50 50	20 60 107 21 664 20 861	50 512 401 50 514 602	20 52 605 765 25 923 654	\$0 \$796 882 \$5 210 706	\$0 6991 558 \$56-883 \$278-233	\$0 695 687 \$6 337 \$62 284	\$0 614 017 279 622 \$111 638	20 60 605 25 825 238 626	\$0 619 619 \$2 217 \$22 136	\$0 6411 \$100 \$100 \$10 \$721 \$10.00
1803 1804 1804 1805 1918 1918 1918 1918 1918	Underground Conduit - Buth Delivery Underground Conduit - Secondary Underground Conduit - Secondary Field Underground Conduit - Secondary Field	29 429 202	\$0 60 067 AP3 60 060 65A \$5 688 067	\$0 6655 145 6666 340 \$1 160 932	20 61 676 511 61 666 518 52 738 518	\$2 611.475 64 \$23.675	\$0 \$0 \$0 \$0 \$0	20 51 600 61 757 28 624	50 40 775 60 50 775	10 01 644 671 01 117 661 15 077 365	50 61 661 760 61 760 760 56 677 865	\$2 6100 0.00 6117 0.00 \$218 0.10	\$0 611 547 614 500 \$35 653	50 600 000 600 600 5100 860	10 610 650 611 771 232 830	\$0 \$11 175 \$7 888 \$18 884	\$0 0144 0144 0144 0111 5000 \$1450
75 1865-6 75 1865-6 76 1865 76 1865 76 1862 & 1	University Understand Sevices - Primary Underground Canductury and Devices - Primary Secondary - Sevices -	\$12 140 724 601 694 117	\$6 469 667 \$2,564,967 \$7 036 414 \$11 007 504	2045 475 2542,598 21 498 472	22 421 546 21,137,658 23 559 234 54 547 779	\$33.873 \$2 \$33.873 \$67.644	10 10 10 10	\$7,004 \$4,001 \$11,054 \$10,600	214 105 20 214 105	\$1.300.253 \$2.300.000 \$0.537.313 \$11.614.670	\$3 868 565 \$1,927,858 \$5 796 452 \$11 174 162	9275 525 \$137,306 \$412 828 \$211 745	\$30 802 \$15,350 \$60 152	\$29.319 \$195,317 \$216.636 \$407.004	228 563 514,134 542 497 674 997	\$10 125 \$8,000 \$24 100 \$27 415	\$125 \$4.30 \$240 \$2,30 \$740 \$1840 \$1.544 \$11.10
1815-18	The Standard Services 50 Year Figure Services 55 Year	601 601 607 601 601 607	900 140 014	90 AM 171	\$17 500 641 \$17 500 641	90 90 90 90 90 90 90	10 10 10	900 P91 900 P91	10 to	\$20 050 406 \$10 050 406	17 400 500 116 400 488 144 000 666	\$1 \$79.851 \$2 236 115 \$4 \$16 766	220 453 500 700	\$207.005 \$207.005	\$60 t20 two san	\$120 P19	91 754 69744 91 754 69744 \$11 736 \$2006 914 934 917744
1815-181 1965-181 Distribute	Total	561 603 467	996 140 214 \$36 140 214	67 446 171 87 446 171	\$17.509.841 \$17.509.841	\$203 884 \$203 884	10	956 793 956 793	547 544 547 544	540 347 676 540 347 676	553 714 518	95.479-665	\$717.500 \$727.500	\$1 611 221	\$262.981	\$160 AGA \$252 050	920 119 \$123 87
100	calated GFA - Statillacidos glant (escilude credit for contributed castatia Acoust Describation - NFA Acoust Describation - NFA BCC Net Fand Assets	\$100,167,004 \$123,871,123 (\$63,063,410) (\$64,912,285) 666,661,764	\$89,864,732 \$89,864,732 (\$31,529,502) (\$32,850,168) \$47,960,509	\$13,326,636 :54 665 6231 :54 862 1521 :97 AVE 966	\$18,237,166 \$18,237,166 (\$6,129,664) (\$6,389,213) 69,689,664	\$1,915,104 \$1,915,104 (\$560,700) (\$587,500) \$1,001,704	\$242,881 \$242,881 \$344,655 \$385,538 \$146,116	\$201,135 \$208,843 (\$150,294) \$176,441	\$67,660 (\$23 638) (\$26 637) 916 864								
1830-4 1830-5 1830-6 1830-6 1830-6 1830-6	Net Fined Assess Sicilading credit for Capital Frontin-Lind Primary Poles Demand and Customer Secondary Pules Demand and Customer	\$78,668,837 \$6.198.467 \$8.216.566 \$65,663,794	\$67,006,585 \$6.256.987 \$5.666.881	\$8,612,696 \$622,392 \$856,567 \$7,032,355	\$11,837,653 \$1,252,046 \$1,449,180 \$9,880,644	\$1,227,601 \$32,263 \$232,668 \$1,032,786	\$174,444 \$14.681 \$17.765 \$166,218	\$208,549 \$11,818 \$15,146 \$175,401	\$43,222 \$7,673 \$329 \$35,960								
Operation Scott	ng and Walintercance	\$49.683	Allocate all the cost	ts to the O and M exp Sk 198	enses before using \$14,122	t as a composite all	scator.	500	238	\$26.752	\$23.088	\$2.2M	2280	5864	ŝtis	\$132	20
501 501 501 501 501	Frank Planskröben Sention Burillone and Elemen Elemana Transkromer Station Equipment - Operation 1 About Transkromer Station Equipment - Operation Senting and Elemanas Distribution Station Equipment - Operation 1 About	\$128,680 \$0 \$0 \$0	\$75.481 \$0 \$0 \$0 \$0	\$15.879 30 30 30 30	\$36.575 30 30 30 30	\$428 \$0 \$0 \$0	\$0 \$0 \$0 \$0	8119 80 80 80	200 20 20 20 20	\$49.369 \$0 \$0 \$0	\$59.798 \$0 \$0 \$0	25.844 32 30 30 30	\$762 \$0 \$0 \$0	92.186 92 92 93	\$367 30 \$0 \$0 \$0	\$362 \$0 \$0 \$0	920 90 90 90
621 602 602 603 603	Distribution Station Equipment - Operation Soundain and Simulated Overhead Distribution Lines and Feeders - American should be Lines & Feeders - American Soundain and Soundain Soundain American Soundain Soundain	\$0 \$116,465 \$34,232 \$0 \$0	\$0 \$67,687 \$19,833 \$0 \$0	\$1 \$14,270 \$4,796 \$2 \$3	\$0 \$34,154 \$10,037 \$0 \$0	\$0 \$128 \$16 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0	\$0 \$108 \$31 \$0 \$0	\$0 \$136 \$63 \$0 \$0	\$0 \$62,722 \$19,633 \$0 \$0	\$0 \$55,619 \$19,345 \$0 \$0	\$0 \$3,961 \$1,166 33 32	\$0 \$443 \$130 \$0 \$0	\$2,062 \$2,063 \$603 \$2	\$0 \$408 \$120 \$0 \$0	\$0 \$222 \$68 \$0 \$0	50 58 50 50
504 504 505	Underground Distribution Lines and Feeders - Characters I show the Control Distribution Lines & Feeders - Underground Distribution Lines & Feeders - Underground Subtransvision Feeders - Characters - Linkspround Distribution Transformers -	\$54,079 \$23,771 \$0 \$24,079	\$12,666 \$13,600 \$0 \$16,151	90,817 92,919 93 93,417	\$16,373 \$4,640 \$0 \$7,164	\$148 \$63 \$6 \$122	50 50 50 50	951 922 90 925	962 939 93	\$30,196 \$12,600 \$0 \$11,620	\$26,711 \$11,322 \$0 \$10,488	\$1,800 \$808 \$0 \$747	\$213 \$80 \$0 \$84	\$1,068 \$668 \$0 \$79	\$196 \$83 \$0 \$77	\$111 \$67 \$0 \$64	94 92 98
2 500 507 50 508 50 508 50 509	Mater Fundam Autores Branisas - Practions and Empassas Macettanous Established Extension Underground Statistical Lines and Feeders - Sunsa Stati Overhand Statistical Lines and Feeders -	20 30 30 3125,568 50	\$0 \$0 \$0 \$73,664 \$0 \$0	90 90 90 915,681 90	20 30 30 535,485 50	\$0 90 90 90 91 90 90	\$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$116 \$0	50 30 30 50 50 50	\$332.691 \$984,505 \$0 \$67,603 \$0	\$296.237 \$675,637 \$0 \$58,343 \$0	\$40,740 \$33,879 \$5,700 \$0 \$0	\$5.359 \$3,787 \$0 \$724 \$0	90 963,872 90 92,133 90	\$0 \$3,487 \$0 \$348 \$0	\$0 \$1,963 \$0 \$134 \$0	\$155 200 30 \$20 \$2 \$3
509 510 511 511 511 512	Montaneous Generalism and Environment Mainmenter of Budging and Feature Mainmenter of Budging and Feature Newtonion Continue Mainmenter of Virolations General Environment Mainmenter of Feature Continue Mainmenter Mainme	10 19.796 10 10 10 171,865	95.767 90 90 90 90 941,966	90 91,219 90 90 90 90,817	20 12.784 20 20 20 20 20,317	90 932 90 90 90 90 9132	50 50 50 50 50 50	50 59 50 50 50 50	50 50 50 50 50	10 15.275 20 10 10 10 100	\$0 \$4.552 \$0 \$0 \$20,499	\$0 \$445 \$0 \$2 \$2 \$2,288	\$0 \$56 \$0 \$0 \$0 \$0	\$0 \$166 \$0 \$0 \$0 \$1	10 127 10 10 10 10 10	\$0 \$26 \$0 \$0 \$0 \$0 \$160	90 92 90 90 90 93
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08M DC	Polarisis Plannas Bad Dati Suenas Sind Dati Suenas Sind Suenas Sind Suenas Faza (not including directly abocated amounts) Trad Directly Abocated Demand + Customer Trad Demand and Customer	\$1,218,802 \$0 \$1,218,802 \$46,000,000	\$790,121 \$0 \$790,121 \$0 \$1 661 619	\$1 \$2 \$2 \$150,220 \$2 \$444 444	30 30 30 30 3352,435 30	\$3 \$3 \$3 \$3,726 \$3 \$4 \$4	30 30 30 30 30 30	30 30 30 31,156 50 4+1 184	\$1,000 \$0 \$1,000	\$100 \$10,000 \$12,650 \$3,810,631	\$102 \$77,816 \$10,726 \$3,255,467 \$0	374 37,981 31,527 3388,138 30	\$3 \$272 \$284 \$61,650 \$0	90 90 92 977,219 90	31 30 965 \$18,015 \$0	\$0 \$0 \$37 \$12,070 \$0	30 31 310 32,042 30
6706 6708 6713 6714 6714 6716	Brown Stationard Processor Stationard Code of Processor Advancedors Processor Annual Processor Proces	668 904 869 52 662 612 50 66 668 967 54 135 672	\$1 202 660 \$0 60 607 AB1 \$1 969 535	67 110 Eat 5290 200 53 60 60 600 170 5696 120	\$778 523 \$778 523 \$0 60 61 660 PM \$1 383 134	9045 044 \$10 283 50 60 60 917 013	9193,414 \$1108 \$0 40 40 507 \$1834	95 800 90 90 40 40 40 806 29 671	91 AAR 169 \$164 656 \$2 41 41 410 477 \$238 364	600 000 000 52 662 612 50 60 60 000 007 56 125 672							
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5035 5063 5065 5066	Programmed Substances and Constant	\$16,375 \$16,570	\$59,268 \$25,122 \$0	\$8,749 \$3,726 \$2	\$16,586 \$7,030 \$0	\$1,208 \$512	\$196	\$162 \$69 \$0	364 328 30	\$86,376 \$36,670 \$0							
5065 5070 5075 5085 5080	Chairplant State States Interestinates Marie Educate Autoria Esperiale - Practices I about Autoria Esperiale - Practices of Evenage Machines Chairbook States Underground Data Budden Science Underground Data Budden Lines and Feeders Source Data	\$18,399 4000 and 500 \$103 \$11 \$0 \$1122 433 \$15 070 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$26,629 4100,117 5475,617 50 \$131,987	\$6,766 6.01 7.01 911 210 \$21 210 \$2	\$7,367 61,466 61,767 50 \$36,439	\$202 64 64 674 52 52 568	\$83 \$0 \$77 \$60 \$348 \$0	\$69 60 50 \$469 \$0	\$1 6-66 666 \$0 \$117 \$0	\$38,389 4010 A81 50 \$100 \$1100 151 \$0 \$1100 453 \$150 670 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0							
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\$100 \$105 \$106 \$106	Maintenance of Printer Treates and Europea Maintenance of Ownhead Canductors and Parinte Maintenance of Printers Services - Right of William Commission of Printers - Right of William Administration of Printers - Right Maintenance of Endeanment Printers	\$182,626 \$110,625 \$111,612	\$125,638 660 071 \$353,512 60	\$18,667 \$11 141 \$52,371	\$39,140 \$1,607 \$99,348 40	\$1,626 64,440 \$6,629	\$122 \$110 \$1,171 \$0	\$388 \$788 \$780 \$870	9186 661 5611 66	\$182,625 \$110,625 \$110,612 \$516,612							
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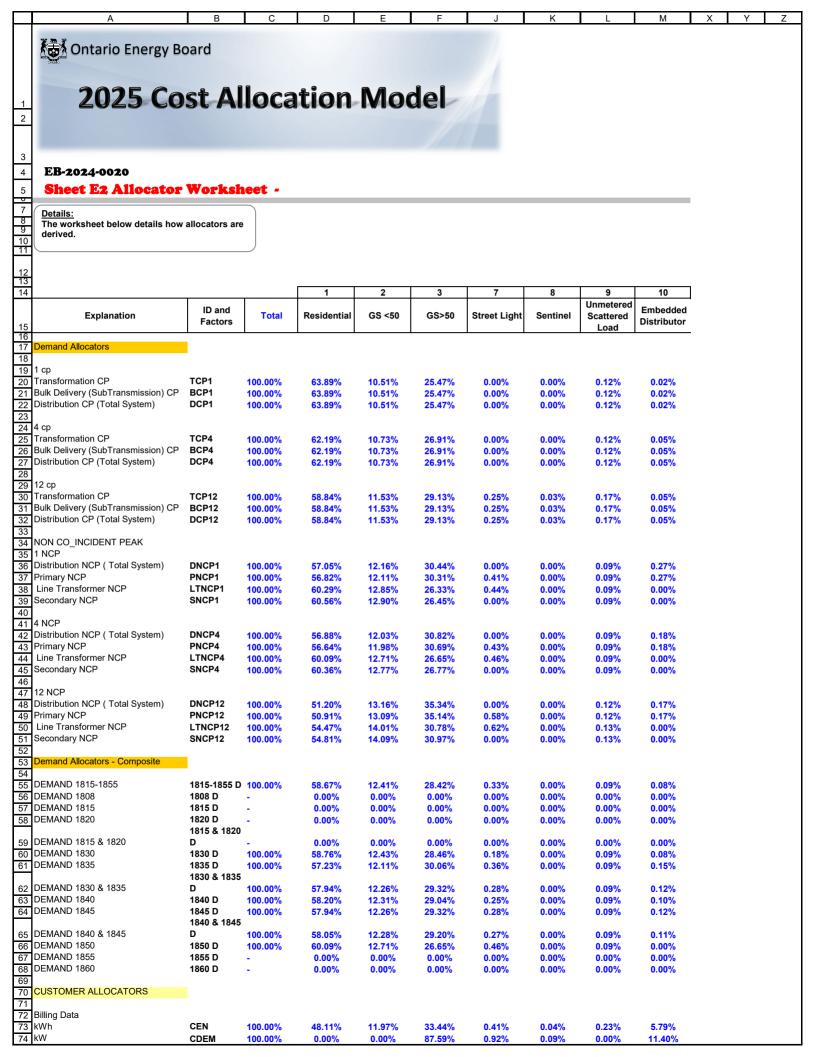
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1806	1805-1	Land Station >50 kV			0%
1806-1	1805-2	Land Station <50 kV	DCP		0%
1806-2	1806	Land Rights	DCP		0%
1808 Buildings and Fixtures DCP	1806-1	Land Rights Station >50 kV	TCP		0%
1808-1	1806-2	Land Rights Station <50 kV	DCP		0%
1808-2	1808	Buildings and Fixtures	DCP		0%
1808-2 Buildings and Fixtures < 50 kV DCP 0%	1808-1	Buildings and Fixtures > 50 kV	TCP		0%
1810	1808-2		DCP		0%
1810-1 Leasehold Improvements >50 kV	1810		DCP		0%
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	1565	_		CDMPP	100%
I DETERMINATION DESCRIPTION OF THE PROPERTY OF		Accumulated Amortization			

2105x	Accum. Amortization of Electric Utility Plant - Property, Plant, & Equipment See I4 BO Assets and O7			
	Operation			
5005	Operation Supervision and Engineering	1815-1855 D	1815-1855 C	35%
5010	Load Dispatching	1815-1855 D	1815-1855 C	35%
5012	Station Buildings and Fixtures Expense	1808 D	1010 1000 0	0%
5014	Transformer Station Equipment -			
	Operation Labour	1815 D		0%
5015	Transformer Station Equipment -			-21
	Operation Supplies and Expenses	1815 D		0%
5016	Distribution Station Equipment - Operation	4000 D		20/
	Labour	1820 D		0%
5017	Distribution Station Equipment - Operation	4000 D		00/
	Supplies and Expenses	1820 D		0%
=065	Overhead Distribution Lines and Feeders -	4000 0 4005 D	4000 0 4005 0	
5020	Operation Labour	1830 & 1835 D	1830 & 1835 C	35%
5025	Overhead Distribution Lines & Feeders -	4000 0 4005 D	4000 0 4005 0	
	Operation Supplies and Expenses	1830 & 1835 D	1830 & 1835 C	35%
5030	Overhead Subtransmission Feeders -	4020 9 4025 D		
	Operation	1830 & 1835 D		0%
5035	Overhead Distribution Transformers-			
	Operation	1850 D	1850 C	30%
5040 5045	Underground Distribution Lines and			
	Feeders - Operation Labour	1840 & 1845 D	1840 & 1845 C	35%
	Underground Distribution Lines & Feeders -			
	Operation Supplies & Expenses	1840 & 1845 D	1840 & 1845 C	35%
5050	Underground Subtransmission Feeders -			
	Operation	1840 & 1845 D		0%
5055	Underground Distribution Transformers -			
	Operation	1850 D	1850 C	30%
5065	Meter Expense		CWMC	100%
5070	Customer Premises - Operation Labour		CCA	100%
5075	Customer Premises - Materials and		CCA	100%
	Expenses			
5085	Miscellaneous Distribution Expense	1815-1855 D	1815-1855 C	35%
5090	Underground Distribution Lines and		_	
0000	Feeders - Rental Paid	1840 & 1845 D	1840 & 1845 C	35%
5095	Overhead Distribution Lines and Feeders -	1830 & 1835 D	1830 & 1835 C	
	Rental Paid	1000 0 1000 2	1000 01 1000 0	35%
	<u>Maintenance</u>			
4751			4751 C	100%
5105	Maintenance Supervision and Engineering	1815-1855 D	1815-1855 C	35%
5110	Maintenance of Buildings and Fixtures -	1808 D		22/
	Distribution Stations			0%
5112	Maintenance of Transformer Station	4045.5		22/
J	Equipment	1815 D		0%
5114	Maintenance of Distribution Station	4000 5		00/
	Equipment	1820 D		0%
5120	Maintenance of Poles, Towers and	4000 5	4000 0	050/
	Fixtures	1830 D	1830 C	35%
5125	Maintenance of Overhead Conductors and	1005 5	1005.0	0.50/
	Devices Maintenance of Overhead Services	1835 D	1835 C	35%
5130	Maintenance of Overhead Services	1	1855 C	100%
5135	Overhead Distribution Lines and Feeders -	1830 & 1835 D	1830 & 1835 C	0.50/
	Right of Way	1040 D	1940.0	35%
5145	Maintenance of Underground Conduit	1840 D	1840 C	35%
5150	Maintenance of Underground Conductors	1045 D	1045 0	250/
E155	and Devices	1845 D	1845 C	35%
5155	Maintenance of Underground Services		1855 C	100%

5160	Maintenance of Line Transformers	1850 D	1850 C	30%
5175	Maintenance of Meters		1860 C	100%



75	A kWh - Excl WMP	B CEN EWMP	C 100.00%	D 49.24%	E 12.25%	F 31.88%	J 0.42%	K 0.05%	L 0.24%	M X Y Z
76	TANTI - LACI VVIVII	CEN EVVIVIP	100.00%	45.2476	12.25%	31.00%	0.4276	0.05%	0.24%	5.92%
	Dollar Billed	CREV	100.00%	68.43%	12.92%	15.87%	1.30%	0.11%	0.37%	1.01%
78	Bad Debt 3 Year Historical Average	BDHA	100.00%	89.77%	9.97%	0.25%	0.00%	0.00%	0.00%	0.00%
79 80	Late Payment 3 Year Historical Average	LPHA	100.00%	89.77%	9.97%	0.25%	0.00%	0.00%	0.00%	0.00%
	Number of Bills	CNB	100.00%	91.66%	6.53%	0.73%	0.02%	0.67%	0.38%	0.01%
	Number of Connections (Unmetered)	CCON	100.00%	84.26%	6.00%	0.67%	8.09%	0.62%	0.35%	0.01%
	Embedded Distributor	ED	100.00%	0.00%	0.00%	0.00%	0.00%		0.00%	100.00%
85										
	Total Number of Customer	CCA	100.00%	84.26%	6.00%	0.67%	8.09%	0.62%	0.35%	0.01%
	Subtransmission Customer Base Primary Feeder Customer Base	CCB CCP	100.00% 100.00%	84.26% 91.04%	6.00% 6.48%	0.67% 0.72%	8.09% 0.69%	0.62% 0.67%	0.35% 0.38%	0.01% 0.01%
	Line Transformer Customer Base	CCLT	100.00%	91.04%	6.48%	0.72%	0.69%	0.67%	0.38%	0.01%
	Secondary Feeder Customer Base	ccs	100.00%	84.26%	6.00%	0.67%	8.09%	0.62%	0.35%	0.01%
91										
	Weighted - Services	cwcs	100.00%	81.76%	11.65%	1.63%	3.93%	0.30%	0.68%	0.06%
	Weighted Meter -Capital	CWMC	100.00%	86.09%	12.25%	1.61%	0.00%	0.00%	0.00%	0.05%
	Weighted Meter Reading Weighted Bills	CWMR CWNB	100.00% 100.00%	96.44% 84.77%	2.46% 12.08%	1.07% 2.25%	0.00% 0.01%	0.00% 0.52%	0.00% 0.29%	0.03% 0.08%
96	Wolghtod Billo	· · · · ·	100.00 /6	04.777	12.00 /6	2.23 /6	0.0176	0.32 /6	0.2376	0.00 /6
	CUSTOMER ALLOCATORS -									
	Composite									
98	OLIOTOMED 4045 4055	1015 15== :								
	CUSTOMER 1815-1855	1815-1855 C	100.00%	86.30%	8.43%	1.07%	3.16%	0.51%	0.49%	0.03%
	CUSTOMER 1808 CUSTOMER 1815	1808 C 1815 C	-	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%
	CUSTOMER 1818 CUSTOMER 1820	1820 C	-	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00% 0.00%	0.00%
.52		1815 & 1820		0.0070	2.22/0	3.0070	/0		/0	
	CUSTOMER 1815 & 1820	С	-	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	CUSTOMER 1830	1830 C	100.00%	87.17%	6.21%	0.69%	4.91%	0.64%	0.36%	0.01%
105	CUSTOMER 1835	1835 C 1830 & 1835	100.00%	89.96%	6.41%	0.72%	1.87%	0.66%	0.37%	0.01%
106	CUSTOMER 1830 & 1835	C C 1035	100.00%	88.67%	6.32%	0.71%	3.27%	0.65%	0.37%	0.01%
	CUSTOMER 1840	1840 C	100.00%	88.19%	6.28%	0.71%	3.80%	0.65%	0.37%	0.01%
	CUSTOMER 1845	1845 C	100.00%	88.67%	6.31%	0.71%	3.28%	0.65%	0.37%	0.01%
		1840 & 1845								
	CUSTOMER 1840 & 1845	С	100.00%	88.46%	6.30%	0.70%	3.51%	0.65%	0.37%	0.01%
	CUSTOMER 1850	1850 C	100.00%	91.04%	6.48%	0.72%	0.69%	0.67%	0.38%	0.01%
	CUSTOMER 1855 CUSTOMER 1860	1855 C 1860 C	100.00%	81.76%	11.65%	1.63%	3.93%	0.30%	0.68%	0.06%
113	COSTOMER 1800	1000 C	100.00%	86.09%	12.25%	1.61%	0.00%	0.00%	0.00%	0.05%
	Composite Allocators									
	Net Fixed Assets	NFA	100.00%	72.13%	10.71%	15.05%	1.57%	0.22%	0.27%	0.05%
	Net Fixed Assets Excluding Capital									
	Contribution	NFA ECC	100.00%	72.20%	10.72%	14.99%	1.55%	0.22%	0.26%	0.05%
	5005-5340 Account Setup	O&M Acct	100.00%	78.77%	10.70%	8.23%	1.61%	0.36%	0.26%	0.06%
	Access to Poles	POLE	100.00% 100.00%	78.77% 68.71%	10.70% 10.25%	8.23% 18.74%	1.61% 1.84%	0.36% 0.22%	0.26% 0.19%	0.06% 0.05%
	5005-6225	OM&A	100.00%	78.73%	10.70%	8.28%	1.61%	0.36%	0.26%	0.06%
121										
	SME Allocator	4751 C		93.35%	7%	0%	0%	0%	0%	0%
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ı	nstructions; nput sheet for	r Demand Allocat	ors.						
i i	PLCC	WATTS 900	ĺ						
ł	Customer Classes	Total	1 Residential	2 69 -50	3 G\$>50	y Street Light	8 Section	9 Unmetered Scattered Load	10 Embedded Distributor
l	COA COB COS PLCC-CCA PLCC-CCB PLCC-CCB PLCC-CCB PLCC-CCLT PLCC-CCS	34.950 34.950 10.460	29.454 29.454 19.454	2.098 2.098 2.098	235 235 196	2 828 2 828 100	216 216 044	122 122 123 123 123 123 149 149 149	4
l	ICS PLCC-CCA	34.950 13.960	00.454 29.454 11.782	2 098 829	235 94	2 828 1.121	216 86	123 49	4
	LCC-CCB LCC-CCLT PLCC-CCS	34.958 34.958 40.440 40.440 34.958 13.962 12.941 12.941 13.962	29.454 29.454 00.454 00.454 29.454 11.762 11.762 11.762 11.762	2,068 2,068 9,666 2,068 2,29 829 829 829 829	225 226 946 225 94 94 94 94	2.828 2.828 999 999 2.828 1.124 1.124 89 89 1.124	66 66 66	49 49 49	4 4 4 4 2 2 2 2 2 2 2 2 2 2
							2155 2156 014, 014, 014, 015, 015, 015, 015, 015, 015, 015, 015		
l	INCP INCP1 INCP1 INCP1 INCP1 PLCC - INCP INCP1A PNCP1A INCP1A INCP1A INCP1A	139,725 +16,706 +10,417 132,417	83.830 81.890 83.830	16.192 46.490 46.490 16.192	36.527 56.637 54.607 31.557	616 616 616		558 45a 45a 558	238 916 0
١	LCC - INCP INCP1A PNCP1A LTNCP1A	126.200 126.004 119.490 119.973	72.048 72.048 72.048 72.048	15363 15363 15363 15363	20.423 20.423 21.603 21.603	525 525 526	0	109 109 109	237 237 0 0
l	INCP1A I NCP								
I	INCPE	San one San one S12.706 S12.706	104 449 104 449 204 149 204 149	41 958 41 958 41 958	+01.46 +01.46 123.245 123.245	9.60 9.60 2.60 2.60	965 265 265	410 410 412 412	684 684 0
l	PLCC - INCP INCPAA PNCPAA	467,025 469,124 461,029 458,930	277.023 277.023 277.023 277.023	58.602 58.602 58.602 58.602	150,091 150,091 122,870 122,870	2 099 2 099 0	0 0	435 435 435 435	674 674 0 0
l	TNCP4A INCP4A	461,029 498,930	277.023 277.023		122.870 122.870	2.099	0	435	
l	NAME OF STREET	1 047 000 1 127 000 1 175 510 1 175 510	667 179 667 272 667 272	163 665 163 665 152 985 152 985	104 8+0 104 8+0 315 195 315 195	7 966 7 966 7 966 7 966	75a 75a 754 754	1 865 1 865 1 865	4 674 4 674 0 0
I	PLCC - 12NCF DNCP12A PNCP12A LTNCP12A BNCP12A								
l	TNOP12A INCP12A	1.095.665 1.091.939 1.020.467 1.014.193	555 862 555 862 555 862	142 906 142 906 142 906 142 906	303 606 303 606 314 009 314 009	6.295 6.295 0	0 0 0	1 206 1 206 1 206 1 206	1855 1855 0
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Uniform System of Accounts - Detail Accounts:					Classifica	Classification and Allocat	
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Customer	Joint
1565	Conservation and Demand Management Expenditures and Recoveries	CDM Expenditures and Recoveries	dp			O&M	
1608	Franchises and Consents	Other Distribution Assets	gp				
1805	Land		dp	DDCP			
1805-1	Land Station >50 kV		dp	TCP	TCP4		
1805-2	Land Station <50 kV		dp	DCP	DCP4		
1806	Land Rights		dp	DDCP			
1806-1	Land Rights Station >50 kV		dp	TCP	TCP4		
1806-2	Land Rights Station <50 kV		dp	DCP	DCP4		
1808	Buildings and Fixtures		dp	DDCP			
1808-1	Buildings and Fixtures > 50 kV		dp	ТСР	TCP4		
1808-2	Buildings and Fixtures < 50 KV		dp	DCP	DCP4		
1810	Leasehold Improvements		dp	DDCP			
1810-1	Leasehold Improvements >50 kV		dp	ТСР	TCP4		
1810-2	Leasehold Improvements <50 kV		dp	DCP	DCP4		
1815	Transformer Station Equipment - Normally Primary above 50 kV		dp	ТСР	TCP4		
1820	Distribution Station Equipment - Normally Primary below 50 kV		dp	DCP	DCP4		
1820-1	Distribution Station Equipment - Normally Primary below 50 kV (Bulk)		dp	DCP	DCP4		
1820-2	Distribution Station Equipment - Normally Primary below 50 kV (Primary)		dp	PNCP	PNCP4		
1820-3	Distribution Station Equipment - Normally Primary below 50 kV (Wholesale Meters)		dp			CEN	
1825	Storage Battery Equipment		dp	DDCP			
1825-1	Storage Battery Equipment > 50 kV		dp	ТСР	TCP4		
1825-2	Storage Battery Equipment <50 kV		dp	DCP	DCP4		
1830	Poles, Towers and Fixtures		dp	DDNCP			
1830-3	Poles, Towers and Fixtures - Subtransmission Bulk Delivery		dp	ВСР	ВСР4		
1830-4	Poles, Towers and Fixtures - Primary		dp	PNCP	PNCP4	ССР	x
1830-5	Poles, Towers and Fixtures - Secondary		dp	SNCP	SNCP4	ccs	x
1835	Overhead Conductors and Devices		dp	DDNCP			
1835-3	Overhead Conductors and Devices - Subtransmission Bulk Delivery		dp	ВСР	BCP4		

Uniform System of Accounts - Detail Accounts:					Classifica	Classification and Allocat	
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Customer	Joint
1835-4	Overhead Conductors and Devices - Primary		dp	PNCP	PNCP4	ССР	х
1835-5	Overhead Conductors and Devices - Secondary		dp	SNCP	SNCP4	ccs	х
1840	Underground Conduit		dp	DDNCP			
1840-3	Underground Conduit - Bulk Delivery	Land and Buildings	dp	ВСР	BCP4		
1840-4	Underground Conduit - Primary	Land and Buildings	dp	PNCP	PNCP4	ССР	x
1840-5	Underground Conduit - Secondary	Land and Buildings	dp	SNCP	SNCP4	ccs	х
1845	Underground Conductors and Devices	Land and Buildings	dp	DDNCP			
1845-3	Underground Conductors and Devices - Bulk Delivery	TS Primary Above 50	dp	ВСР	BCP4		
1845-4	Underground Conductors and Devices - Primary	DS	dp	PNCP	PNCP4	ССР	х
1845-5	Underground Conductors and Devices - Secondary	Other Distribution Assets	dp	SNCP	SNCP4	ccs	x
1850	Line Transformers	Poles, Wires	dp	LTNCP	LTNCP4	CCLT	х
1855	Services	Services and Meters	dp			cwcs	
1860	Meters	Services and Meters	dp			сммс	
1905	Land	Land and Buildings	gp				
1906	Land Rights	Land and Buildings	gp				
1908	Buildings and Fixtures	General Plant	gp				
1910	Leasehold Improvements	General Plant	gp				
1915	Office Furniture and Equipment	Equipment	gp				
1920	Computer Equipment -	IT Assets	gp				
1925	Hardware Computer Software	IT Assets	gp				
1930	Transportation Equipment	Equipment	gp				
1935	Stores Equipment	Equipment	gp				
1940	Tools, Shop and Garage Equipment	Equipment	gp				
1945	Measurement and Testing Equipment	Equipment	gp				
1950	Power Operated Equipment	Equipment	gp				
1955	Communication Equipment	Equipment	gp				
1960	Miscellaneous Equipment	Equipment	gp				
1970	Load Management Controls - Customer Premises	Other Distribution Assets	gp				
1975	Load Management Controls - Utility Premises	Other Distribution Assets	gp				
1980	System Supervisory Equipment	Other Distribution Assets	gp				
1990	Other Tangible Property	Other Distribution Assets	gp				
1995	Contributions and Grants - Credit	Contributions and Grants	со		Break out	Breakout	
2005	Property Under Capital Leases	Other Distribution Assets	gp				

Uniform System of Accounts - Detail Accounts:					Classifica	Classification and Alloca	
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Customer	Joint
2010	Electric Plant Purchased or Sold	Other Distribution Assets	gp				
2105	Accum. Amortization of Electric Utility Plant - Property, Plant, & Equipment	Accumulated Amortization	accum dep		Break out	Breakout	
2120	Accumulated Amortization of Electric Utility Plant - Intangibles	Accumulated Amortization	accum dep		Break out	Breakout	
3046	Balance Transferred From Income	Equity	NI				
	blank row						
4080	Distribution Services Revenue	Distribution Services Revenue	CREV				
4082	Retail Services Revenues	Other Distribution Revenue	mi				
4084	Service Transaction Requests (STR) Revenues	Other Distribution Revenue	mi				
4086	SSS Admin Charge	Other Distribution Revenue	mi				
4090	Electric Services Incidental to Energy Sales	Other Distribution Revenue	mi				
4205	Interdepartmental Rents	Other Distribution Revenue	mi				
4210	Rent from Electric Property	Other Distribution Revenue	mi				
4215	Other Utility Operating Income	Other Distribution Revenue	mi				
4220	Other Electric Revenues	Other Distribution Revenue	mi				
4225	Late Payment Charges	Late Payment Charges	mi				
4235	Miscellaneous Service Revenues	Specific Service Charges	mi				
4235-1	Account Set Up Charges	Specific Service Charges	mi				
4235-90	Miscellaneous Service Revenues - Residual	Specific Service Charges	mi				
4240	Provision for Rate Refunds	Other Distribution Revenue	mi				
4245	Government Assistance Directly Credited to Income	Other Distribution Revenue	mi				
4305	Regulatory Debits	Other Income & Deductions	mi				
4310	Regulatory Credits	Other Income & Deductions	mi				
4315	Revenues from Electric Plant Leased to Others	Other Income & Deductions	mi				
4320	Expenses of Electric Plant Leased to Others	Other Income & Deductions	mi				
4325	Revenues from Merchandise, Jobbing, Etc.	Other Income & Deductions	mi				
4330	Costs and Expenses of Merchandising, Jobbing, Etc.	Other Income & Deductions	mi				

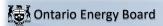
Uniform System of Accounts - Detail Accounts:					Classifica	Classification and Alloca	
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand Custome		Joint
4335	Profits and Losses from Financial Instrument Hedges	Other Income & Deductions	mi				
4340	Profits and Losses from Financial Instrument Investments	Other Income & Deductions	mi				
4345	Gains from Disposition of Future Use Utility Plant	Other Income & Deductions	mi				
4350	Losses from Disposition of Future Use Utility Plant	Other Income & Deductions	mi				
4355	Gain on Disposition of Utility and Other Property	Other Income & Deductions	mi				
4360	Loss on Disposition of Utility and Other Property	Other Income & Deductions	mi				
4365	Gains from Disposition of Allowances for Emission	Other Income & Deductions	mi				
4370	Losses from Disposition of Allowances for Emission	Other Income & Deductions	mi				
4375	Revenues from Non-Utility Operations	Other Income & Deductions	mi				
4380	Expenses of Non-Utility Operations	Other Income & Deductions	mi				
4390	Miscellaneous Non- Operating Income	Other Income & Deductions	mi				
4395	Rate-Payer Benefit Including Interest	Other Income & Deductions	mi				
4398	Foreign Exchange Gains and Losses, Including Amortization	Other Income & Deductions	mi				
4405	Interest and Dividend Income	Other Income & Deductions	mi				
4415	Equity in Earnings of Subsidiary Companies	Other Income & Deductions	mi				
4705	Power Purchased	Power Supply Expenses (Working Capital)	сор				
4708	Charges-WMS	Power Supply Expenses (Working Capital)	сор				
4710	Cost of Power Adjustments	Power Supply Expenses (Working Capital)	сор				
4712	Charges-One-Time	Power Supply Expenses (Working Capital)	сор				
4714	Charges-NW	Power Supply Expenses (Working Capital)	сор				
4715	System Control and Load Dispatching	Other Power Supply Expenses	сор				
4716	Charges-CN	Power Supply Expenses (Working Capital)	сор				
4730	Rural Rate Assistance Expense	Power Supply Expenses (Working Capital)	сор				

Uniform System of Accounts - Detail Accounts:					Classifica	tion and Alloo	cation
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Customer	Joint
4750	Charges-LV	Power Supply Expenses (Working Capital)	сор				
4751	Charges - Smart Metering Entity	Power Supply Expenses (Working Capital)	сор			4751 C	
5005	Operation Supervision and Engineering	Operation (Working Capital)	di	1815-1855 D	1815-1855 D	1815-1855 C	x
5010	Load Dispatching	Operation (Working Capital)	di	1815-1855 D	1815-1855 D	1815-1855 C	x
5012	Station Buildings and Fixtures Expense	Operation (Working Capital)	di	1808 D	1808 D	1808 C	
5014	Transformer Station Equipment - Operation Labour	Operation (Working Capital)	di	1815 D	1815 D	1815 C	
5015	Transformer Station Equipment - Operation Supplies and Expenses	Operation (Working Capital)	di	1815 D	1815 D	1815 C	
5016	Distribution Station Equipment - Operation Labour	Operation (Working Capital)	di	1820 D	1820 D	1820 C	
5017	Distribution Station Equipment - Operation Supplies and Expenses	Operation (Working Capital)	di	1820 D	1820 D	1820 C	
5020	Overhead Distribution Lines and Feeders - Operation Labour	Operation (Working Capital)	di	1830 & 1835 I	830 & 1835	1830 & 1835 (х
5025	Overhead Distribution Lines & Feeders - Operation Supplies and Expenses	Operation (Working Capital)	di	1830 & 1835 I	830 & 1835	1830 & 1835 (x
5030	Overhead Subtransmission Feeders - Operation	Operation (Working Capital)	di	1830 & 1835 I	830 & 1835	1830 & 1835 (
5035	Overhead Distribution Transformers- Operation	Operation (Working Capital)	di	1850 D	1850 D	1850 C	x
5040	Underground Distribution Lines and Feeders - Operation Labour	Operation (Working Capital)	di	1840 & 1845 I	840 & 1845	I840 & 1845 (х
5045	Underground Distribution Lines & Feeders - Operation Supplies & Expenses	Operation (Working Capital)	di	1840 & 1845 I	840 & 1845	1840 & 1845 (х
5050	Underground Subtransmission Feeders - Operation	Operation (Working Capital)	di	1840 & 1845 I	840 & 1845	1840 & 1845 (
5055	Underground Distribution Transformers - Operation	Operation (Working Capital)	di	1850 D	1850 D	1850 C	x
5065	Meter Expense	Operation (Working Capital)	cu			сммс	
5070	Customer Premises - Operation Labour	Operation (Working Capital)	cu			CCA	
5075	Customer Premises - Materials and Expenses	Operation (Working Capital)	cu			CCA	
5085	Miscellaneous Distribution Expense	Operation (Working Capital)	di	1815-1855 D	1815-1855 D	1815-1855 C	х
5090	Underground Distribution Lines and Feeders - Rental Paid	Operation (Working Capital)	di	1840 & 1845 I	840 & 1845	1840 & 1845 (х

Uniform System of Accounts - Detail Accounts:					Classification and Alloc		ation
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Customer	Joint
5095	Overhead Distribution Lines and Feeders - Rental Paid	Operation (Working Capital)	di	1830 & 1835 I	830 & 1835	1830 & 1835 (x
5096	Other Rent	Operation (Working Capital)	di				
5105	Maintenance Supervision and Engineering	Maintenance (Working Capital)	di	1815-1855 D	1815-1855 D	1815-1855 C	x
5110	Maintenance of Buildings and Fixtures - Distribution Stations	Maintenance (Working Capital)	di	1808 D	1808 D	1808 C	
5112	Maintenance of Transformer Station Equipment	Maintenance (Working Capital)	di	1815 D	1815 D	1815 C	
5114	Maintenance of Distribution Station Equipment	Maintenance (Working Capital)	di	1820 D	1820 D	1820 C	
5120	Maintenance of Poles, Towers and Fixtures	Maintenance (Working Capital)	di	1830 D	1830 D	1830 C	x
5125	Maintenance of Overhead Conductors and Devices	Maintenance (Working Capital)	di	1835 D	1835 D	1835 C	x
5130	Maintenance of Overhead Services	Maintenance (Working Capital)	di	1855 D	1855 D	1855 C	
5135	Overhead Distribution Lines and Feeders - Right of Way	Maintenance (Working Capital)	di	1830 & 1835 I	830 & 1835	1830 & 1835 (x
5145	Maintenance of Underground Conduit	,	di	1840 D	1840 D	1840 C	x
5150	Maintenance of Underground Conductors and Devices	Maintenance (Working Capital)	di	1845 D	1845 D	1845 C	х
5155	Maintenance of Underground Services	Maintenance (Working Capital)	di	1855 D	1855 D	1855 C	
5160	Maintenance of Line Transformers	Maintenance (Working Capital)	di	1850 D	1850 D	1850 C	х
5175	Maintenance of Meters	Maintenance (Working Capital)	cu	1860 D	1860 D	1860 C	
5305	Supervision	Billing and Collection (Working Capital)	cu			CWNB	
5310	Meter Reading Expense	Billing and Collection (Working Capital)	cu			CWMR	
5315	Customer Billing	Billing and Collection (Working Capital)	cu			CWNB	
5320	Collecting	Billing and Collection (Working Capital)	cu			CWNB	
5325	Collecting- Cash Over and Short	Billing and Collection (Working Capital)	cu			CWNB	
5330	Collection Charges	Billing and Collection (Working Capital)	cu			CWNB	
5335	Bad Debt Expense	Bad Debt Expense (Working Capital)	cu			BDHA	
5340	Miscellaneous Customer Accounts Expenses	Billing and Collection (Working Capital)	cu			CWNB	

Uniform System of Accounts - Detail Accounts:					Classifica	Classification and Allocat	
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Demand Customer	
5405	Supervision	Community Relations (Working Capital)	ad				
5410	Community Relations - Sundry	Community Relations (Working Capital)	ad				
5415	Energy Conservation	Community Relations - CDM (Working Capital)	ad				
5420	Community Safety Program	Community Relations (Working Capital)	ad				
5425	Miscellaneous Customer Service and Informational Expenses	Community Relations (Working Capital)	ad				
5505	Supervision	Other Distribution Expenses	ad				
5510	Demonstrating and Selling Expense	Other Distribution Expenses	ad				
5515	Advertising Expense	Advertising Expenses	ad				
5520	Miscellaneous Sales Expense	Other Distribution Expenses	ad				
5605	Executive Salaries and Expenses	Administrative and General Expenses (Working Capital)	ad				
5610	Management Salaries and Expenses	Administrative and General Expenses (Working Capital)	ad				
5615	General Administrative Salaries and Expenses	Administrative and General Expenses (Working Capital)	ad				
5620	Office Supplies and Expenses	Administrative and General Expenses (Working Capital)	ad				
5625	Administrative Expense Transferred Credit	Administrative and General Expenses (Working Capital)	ad				
5630	Outside Services Employed	Administrative and General Expenses (Working Capital)	ad				
5635	Property Insurance	Insurance Expense (Working Capital)	ad				
5640	Injuries and Damages	Administrative and General Expenses (Working Capital)	ad				
5645	Employee Pensions and Benefits	Administrative and General Expenses (Working Capital)	ad				
5650	Franchise Requirements	Administrative and General Expenses (Working Capital)	ad				
5655	Regulatory Expenses	Administrative and General Expenses (Working Capital)	ad				

Uniform System of Accounts - Detail Accounts:					Classification and Alloca		cation
USoA Account #	Accounts	Explanations	Grouping for Sheet O1 Revenue to Cost	Demand Grouping Indicator	Demand	Customer	Joint
5660	General Advertising Expenses	Advertising Expenses	ad				
5665	Miscellaneous General Expenses	Administrative and General Expenses (Working Capital)	ad				
5670	Rent	Administrative and General Expenses (Working Capital)	ad				
5675	Maintenance of General Plant	Administrative and General Expenses (Working Capital)	ad				
5680	Electrical Safety Authority Fees	Administrative and General Expenses (Working Capital)	ad				
5685	Independent Market Operator Fees and Penalties	Power Supply Expenses (Working Capital)	сор				
5705	Amortization Expense - Property, Plant, and Equipment	Amortization of Assets	dep	PRORATED	Break out	Breakout	
5710	Amortization of Limited Term Electric Plant	Amortization of Assets	dep	PRORATED	Break out	Breakout	
5715	Amortization of Intangibles and Other Electric Plant	Amortization of Assets	dep	PRORATED	Break out	Breakout	
5720	Amortization of Electric Plant Acquisition Adjustments	Other Amortization - Unclassified	dep	PRORATED	Break out	Breakout	
5730	Amortization of Unrecovered Plant and Regulatory Study Costs	Amortization of Assets	dep				
5735	Amortization of Deferred Development Costs	Amortization of Assets	dep				
5740	Amortization of Deferred Charges	Amortization of Assets	dep				
6005	Interest on Long Term Debt	Interest Expense - Unclassifed	INT				
6105	Taxes Other Than Income Taxes	Other Distribution Expenses	ad				
6110	Income Taxes	Income Tax Expense - Unclassified	Input				
6205-1	Sub-account LEAP Funding	Charitable Contributions	ad				
6210	Life Insurance	Insurance Expense (Working Capital)	ad				
6215	Penalties	Other Distribution Expenses	ad				
6225	Other Deductions	Other Distribution Expenses	ad		_		



2025 Cost Allocation Model

EB-2024-0020

Sheet E5 Reconciliation Worksheet -

<u>Details:</u>
The worksheet below shows reconciliation of costs included and excluded in the Trial Balance.

USoA Account #	Accounts	Financial Statement	Financial Statement - Asset Break Out includes Acc Dep and Contributed Capital	Adjusted TB	Excluded from COSS	Excluded	Included	Balance in O5	Difference	Balance in O4 Summary	Difference
1565	Conservation and Demand Management										
	Expenditures and Recoveries	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
1608	Franchises and Consents	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
1805	Land		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Land Station >50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Land Station <50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1806	Land Rights		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1806-1	Land Rights Station >50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Land Rights Station <50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1808	Buildings and Fixtures		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1808-1	Buildings and Fixtures > 50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Buildings and Fixtures < 50 KV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1810	Leasehold Improvements		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Leasehold Improvements >50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1810-2	Leasehold Improvements <50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Transformer Station Equipment - Normally										
1815	Primary above 50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Distribution Station Equipment - Normally										
1820	Primary below 50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Distribution Station Equipment - Normally										
1820-1	Primary below 50 kV (Bulk)		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Distribution Station Equipment - Normally										
	Primary below 50 kV (Primary)		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Distribution Station Equipment - Normally										
	Primary below 50 kV (Wholesale Meters)		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1825	Storage Battery Equipment		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Storage Battery Equipment > 50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1825-2	Storage Battery Equipment <50 kV		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1830	Poles, Towers and Fixtures		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Poles, Towers and Fixtures -										
	Subtransmission Bulk Delivery		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1830-4	Poles, Towers and Fixtures - Primary		\$6,198,447	\$6,198,447		\$0	\$6,198,447	\$6,198,447	\$0	\$6,198,447	\$0
	Poles, Towers and Fixtures - Secondary		\$8,216,546	\$8,216,546		\$0	\$8,216,546	\$8,216,546	\$0	\$8,216,546	\$0
	Overhead Conductors and Devices Overhead Conductors and Devices -		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Subtransmission Bulk Delivery		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1835-4	Overhead Conductors and Devices - Primary		\$14,168,769			\$0	\$14,168,769	\$14,168,769		\$14,168,769	\$0
1835-5	Overhead Conductors and Devices - Secondary		\$2,698,813	\$2,698,813		\$0	\$2,698,813	\$2,698,813	\$0	\$2,698,813	\$0

1840	Underground Conduit		\$0	\$0	Ī	\$0	\$0	\$0	\$0	\$0	\$0
1840-3	Underground Conduit - Bulk Delivery		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1840-4	Underground Conduit - Primary		\$8,413,920	\$8,413,920		\$0	\$8,413,920	\$8,413,920	\$0	\$8,413,920	\$0
1840-5	Underground Conduit - Secondary		\$6,092,838	\$6,092,838		\$0	\$6,092,838	\$6,092,838	\$0	\$6,092,838	\$0
1845	Underground Conductors and Devices		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1845-3	Underground Conductors and Devices - Bulk Delivery		\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Underground Conductors and Devices -										
1845-4	Primary Underground Conductors and Devices -		\$12,140,724	\$12,140,724		\$0	\$12,140,724	\$12,140,724	\$0	\$12,140,724	\$0
1845-5	Secondary		\$6,537,313	\$6,537,313		\$0	\$6,537,313	\$6,537,313	\$0	\$6,537,313	\$0
1850	Line Transformers		\$28.142.366			\$0	\$28.142.366	\$28,142,366	\$0	\$28.142.366	\$0
1855	Services		\$20,058,436	\$20,058,436		\$0	\$20,058,436	\$20,058,436	\$0	\$20,058,436	\$0
1860	Meters			\$11,202,950		\$0	\$11,202,950	\$11,202,950	\$0	\$11,202,950	\$0
1905	Land	\$0	\$190,119	\$190,119		\$0	\$190,119	\$190,119	\$0	\$190,119	\$0
1906	Land Rights	\$0	\$353,856	\$353,856		\$0	\$353,856	\$353,856	\$0	\$353,856	\$0
1908	Buildings and Fixtures	\$0	\$5,215,589	\$5,215,589		\$0	\$5,215,589	\$5,215,589	\$0	\$5,215,589	\$0
1910	Leasehold Improvements	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1915	Office Furniture and Equipment	\$0	\$593,757	\$593,757		\$0	\$593,757	\$593,757	\$0	\$593,757	\$0
1920	Computer Equipment - Hardware	\$0	\$2,187,639	\$2,187,639		\$0	\$2,187,639	\$2,187,639	\$0	\$2,187,639	\$0
1925	Computer Software	\$0	\$5,541,980	\$5,541,980		\$0	\$5,541,980	\$5,541,980	\$0	\$5,541,980	\$0
1930	Transportation Equipment	\$0	\$6,235,589	\$6,235,589		\$0	\$6,235,589	\$6,235,589	\$0	\$6,235,589	\$0
1935	Stores Equipment	\$0	\$134,945	\$134,945		\$0	\$134,945	\$134,945	\$0	\$134,945	\$0
1940	Tools, Shop and Garage Equipment	\$0	\$1,091,069	\$1,091,069		\$0	\$1,091,069	\$1,091,069	\$0	\$1,091,069	\$0
1945	Measurement and Testing Equipment	\$0	\$70,247	\$70,247		\$0	\$70,247	\$70,247	\$0	\$70,247	\$0
1950	Power Operated Equipment	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1955	Communication Equipment	\$0	\$192,478	\$192,478		\$0	\$192,478	\$192,478	\$0	\$192,478	\$0
1960	Miscellaneous Equipment	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1970	Load Management Controls - Customer										
	Premises	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1975											
	Load Management Controls - Utility Premises	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1980	System Supervisory Equipment	\$0	\$201,736	\$201,736		\$0	\$201,736	\$201,736	\$0	\$201,736	\$0
1990	Other Tangible Property	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
1995	Contributions and Grants - Credit	(\$15,123,919)	\$0	(\$15,123,919)		\$0	(\$15,123,919)	(\$15,123,919)	\$0	(\$15,123,919)	\$0
2005	Property Under Capital Leases	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
2010	Electric Plant Purchased or Sold	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
2105	Accum. Amortization of Electric Utility Plant - Property, Plant, & Equipment	(\$50,325,962)		(\$50,325,962)		\$0	(\$50,325,962)	(\$50,325,962)	\$0	(\$50,325,962)	\$0
2120	Accumulated Amortization of Electric Utility	(\$60,620,002)		(\$00,020,002)		ΨΟ	(\$\psi 00,020,002)	(\$00,020,002)	ΨΟ	(\$00,020,002)	ΨΟ
2120	Plant - Intangibles	(\$3,258,447)		(\$3,258,447)		\$0	(\$3,258,447)	(\$3,258,447)	\$0	(\$3,258,447)	\$0
3046	Balance Transferred From Income	(\$3,074,726)		(\$3,074,726)		\$0		(\$3,074,726)	\$0	(\$3,074,726)	\$0
4080	Distribution Services Revenue	\$0		\$0	1	\$0	\$0	\$0	\$0	\$0	\$0
4080	Retail Services Revenues	\$0 \$0		\$0 \$0		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
4084	Service Transaction Requests (STR)	40		ΨΟ		ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ
4004	Revenues	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4086	SSS Admin Charge	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4090	Electric Services Incidental to Energy Sales	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4205	Interdepartmental Rents	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4210	Rent from Electric Property	(\$155,000)		(\$155,000)		\$0	(\$155,000)	(\$155,000)	\$0	(\$155,000)	\$0
4215	Other Utility Operating Income	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4220	Other Electric Revenues	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4225	Late Payment Charges	(\$210,000)		(\$210,000)		\$0	(\$210,000)	(\$210,000)	\$0	(\$210,000)	\$0
4235	Miscellaneous Service Revenues	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4240	Provision for Rate Refunds	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4245	Government Assistance Directly Credited to	ΨΟ		ΨΟ		ΨO	ΨΟ	ΨΟ	Ψ	ψö	Ψ
	Income	(\$365,033)		(\$365,033)		\$0	(\$365,033)	(\$365,033)	\$0	(\$365,033)	\$0
4305	Regulatory Debits	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4310	Regulatory Credits	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4315	Revenues from Electric Plant Leased to										
	Others	\$0		\$0		\$0	\$0	\$0	\$0	\$0	\$0
4320	Expenses of Electric Plant Leased to Others	\$0		\$0	i I	\$0	\$0	\$0	\$0	\$0	\$0

1325	Revenues from Merchandise, Jobbing, Etc.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1330	Costs and Expenses of Merchandising,		.	1					
1335	Jobbing, Etc. Profits and Losses from Financial Instrument	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1333	Hedges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1340	Profits and Losses from Financial Instrument						ΨΟ	ΨΟ	
=	Investments Gains from Disposition of Future Use Utility	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1345	Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1350	Losses from Disposition of Future Use Utility								
1055	Plant Gain on Disposition of Utility and Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1355	Property	(\$75,000)	(\$75,000)	\$0	(\$75,000)	(\$75,000)	\$0	(\$75,000)	\$0
1360	Loss on Disposition of Utility and Other								
1365	Property Gains from Disposition of Allowances for	\$45,000	\$45,000	\$0	\$45,000	\$45,000	\$0	\$45,000	\$0
1000	Emission	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1370	Losses from Disposition of Allowances for			1					
	Emission	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1375	Revenues from Non-Utility Operations	(\$162,539)	(\$162,539)	\$0	(\$162,539)	(\$162,539)	\$0	(\$162,539)	\$0
1380	Expenses of Non-Utility Operations	\$147,910	\$147,910	\$0	\$147,910	\$147,910	\$0	\$147,910	\$0
1390	Miscellaneous Non-Operating Income	(\$30,000)	(\$30,000)	\$0	(\$30,000)	(\$30,000)	\$0	(\$30,000)	\$0
1395	Rate-Payer Benefit Including Interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1398	Foreign Exchange Gains and Losses,	#0.000	фо 222	1	00.000	00.000		00.000	
1405	Including Amortization	\$3,000	\$3,000	\$0	\$3,000	\$3,000	\$0 \$0	\$3,000	\$0 \$0
1405	Interest and Dividend Income	(\$152,582)	(\$152,582)	\$0	(\$152,582)	(\$152,582)	\$0 \$0	(\$152,582)	\$0 \$0
1415	Equity in Earnings of Subsidiary Companies	\$0	\$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0
1705	Power Purchased	\$58,204,653	\$58,204,653	\$0	\$58,204,653	\$58,204,653		\$58,204,653	\$0 \$0
1708	Charges-WMS	\$2,442,412	\$2,442,412	\$0	\$2,442,412	\$2,442,412	\$0 \$0	\$2,442,412	\$0 \$0
1710	Cost of Power Adjustments	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
1712	Charges NW	\$0 ¢£ 956 757			\$0 \$E 9E6 7E7	\$0 \$5,956,757	\$0 \$0	\$0	
1714	Charges-NW System Control and Load Dispatching	\$5,856,757	\$5,856,757	\$0 \$0	\$5,856,757	\$5,856,757	\$0 \$0	\$5,856,757	\$0 \$0
1715 1716	System Control and Load Dispatching Charges-CN	\$0 \$4.135.672	\$0 \$4.135.672	\$0 \$0	\$0 \$4.135.672	\$0 \$4.135.672	\$0 \$0	\$0 \$4.135.672	\$0 \$0
	Rural Rate Assistance Expense	\$4,135,672 \$734,029	\$4,135,672		\$4,135,672	\$4,135,672		\$4,135,672	
1730 1750	· · · · · · · · · · · · · · · · · · ·	\$734,928 \$2,003,802	\$734,928	\$0 \$0	\$734,928	\$734,928	\$0 \$0	\$734,928	\$0 \$0
	Charges - Smart Matering Entity	\$2,003,892 \$129,071	\$2,003,892 \$129,071	\$0 \$0	\$2,003,892 \$129,071	\$2,003,892 \$129,071	\$0 \$0	\$2,003,892 \$129,071	\$0 \$0
1751	Charges - Smart Metering Entity Operation Supervision and Engineering	\$129,071 \$76,435	\$129,071 \$76,435	\$0 \$0	\$129,071 \$76,435	\$129,071 \$76,435	\$0 \$0	\$129,071 \$76,435	\$0 \$0
5005 5010	Load Dispatching	\$76,435 \$197,969	\$76,435 \$197,969	\$0	\$197,969	\$197,969	\$0 \$0	\$197,969	\$0 \$0
5010	Station Buildings and Fixtures Expense	\$197,969 \$0	\$197,969	\$0	\$197,969	\$197,969	\$0 \$0	\$197,969	\$0 \$0
5012	Transformer Station Equipment - Operation	ΦU	\$0	\$0	\$0	20	\$0	\$0	\$0
	Labour	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5015	Transformer Station Equipment - Operation	• •		1			النبيرين		, ,
	Supplies and Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5016	Distribution Station Equipment - Operation								
	Labour	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5017	Distribution Station Equipment - Operation	**		1				25	•
	Supplies and Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5020	Overhead Distribution Lines and Feeders - Operation Labour	\$170.207	6470 207	0.0	\$170.207	\$179,207	60	\$170.207	\$0
-02E	Overhead Distribution Lines & Feeders -	\$179,207	\$179,207	\$0	\$179,207	\$179,207	\$0	\$179,207	\$0
5025	Operation Supplies and Expenses	\$52,665	\$52,665	\$0	\$52,665	\$52,665	\$0	\$52,665	\$0
5030	Overhead Subtransmission Feeders -	φ32,003	φ3∠,003	\$0	φυ2,000	φ52,005	Φ0	φυ2,000	Φ0
0000	Operation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5035	Overhead Distribution Transformers-	ΨΟ	Ψ0	\$0	φυ	φυ	φυ	Ψ0	φ0
,,,,,	Operation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5040	Underground Distribution Lines and Feeders -	~~	**	1	4 0	40	40	Ų,	ψ0
	Operation Labour	\$86,275	\$86,275	\$0	\$86,275	\$86,275	\$0	\$86,275	\$0
5045	Underground Distribution Lines & Feeders -	•		1					
	Operation Supplies & Expenses	\$36,570	\$36,570	\$0	\$36,570	\$36,570	\$0	\$36,570	\$0
5050	Underground Subtransmission Feeders -			1					
	Operation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5055	Underground Distribution Transformers -		<u>.</u>	1					
	Operation	\$38,399	\$38,399	\$0	\$38,399	\$38,399	\$0	\$38,399	\$0

5065	Meter Expense	\$332,491	\$332,491	\$0	\$332,491	\$332,491	\$0	\$332,491	\$0
5070	Customer Premises - Operation Labour	\$564,505	\$564,505	\$0	\$564,505	\$564,505	\$0	\$564,505	\$0
5075	Customer Premises - Materials and								
	Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5085	Miscellaneous Distribution Expense	\$193,151	\$193,151	\$0	\$193,151	\$193,151	\$0	\$193,151	\$0
5090	Underground Distribution Lines and Feeders -								
	Rental Paid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5095	Overhead Distribution Lines and Feeders -								
	Rental Paid	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5096	Other Rent	\$132,433	\$132,433	\$0	\$132,433	\$132,433	\$0	\$132,433	\$0
5105	Maintenance Supervision and Engineering	\$15,070	\$15,070	\$0	\$15,070	\$15,070	\$0	\$15,070	\$0
5110	Maintenance of Buildings and Fixtures -								
	Distribution Stations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5112	Maintenance of Transformer Station								
	Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5114	Maintenance of Distribution Station								
	Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5120	Maintenance of Poles, Towers and Fixtures	\$109,792	\$109,792	\$0	\$109,792	\$109,792	\$0	\$109,792	\$0
5125	Maintenance of Overhead Conductors and								
	Devices	\$182,625	\$182,625	\$0	\$182,625	\$182,625	\$0	\$182,625	\$0
5130	Maintenance of Overhead Services	\$112,853	\$112,853	\$0	\$112,853	\$112,853	\$0	\$112,853	\$0
5135	Overhead Distribution Lines and Feeders -								
	Right of Way	\$514,612	\$514,612	\$0	\$514,612	\$514,612	\$0	\$514,612	\$0
5145	Maintenance of Underground Conduit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5150	Maintenance of Underground Conductors								
	and Devices	\$98,297	\$98,297	\$0	\$98,297	\$98,297	\$0	\$98,297	\$0
5155	Maintenance of Underground Services	\$178,490	\$178,490	\$0	\$178,490	\$178,490	\$0	\$178,490	\$0
5160	Maintenance of Line Transformers	\$84,555	\$84,555	\$0	\$84,555	\$84,555	\$0	\$84,555	\$0
5175	Maintenance of Meters	\$2,498	\$2,498	\$0	\$2,498	\$2,498	\$0	\$2,498	\$0
5305	Supervision	\$225,691	\$225,691	\$0	\$225,691	\$225,691	\$0	\$225,691	\$0
5310	Meter Reading Expense	\$18,450	\$18,450	\$0	\$18,450	\$18,450	\$0	\$18,450	\$0
5315	Customer Billing	\$1,031,057	\$1,031,057	\$0	\$1,031,057	\$1,031,057	\$0	\$1,031,057	\$0
5320	Collecting	\$605,006	\$605,006	\$0	\$605,006	\$605,006	\$0	\$605,006	\$0
5325	Collecting- Cash Over and Short	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5330	Collection Charges	\$120	\$120	\$0	\$120	\$120	\$0	\$120	\$0
5335	Bad Debt Expense	\$80,000	\$80,000	\$0	\$80,000	\$80,000	\$0	\$80,000	\$0
5340	Miscellaneous Customer Accounts Expenses	\$12,650	\$12,650	\$0	\$12,650	\$12,650	\$0	\$12,650	\$0
5405	Supervision	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5410	Community Relations - Sundry	\$25,000	\$25,000	\$0	\$25,000	\$25,000	\$0	\$25,000	\$0
5415	Energy Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5420	Community Safety Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5425	Miscellaneous Customer Service and								
	Informational Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5505	Supervision	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5510	Demonstrating and Selling Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5515	Advertising Expense	\$2,500	\$2,500	\$0	\$2,500	\$2,500	\$0	\$2,500	\$0
5520	Miscellaneous Sales Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5605	Executive Salaries and Expenses	\$482,365	\$482,365	\$0	\$482,365	\$482,365	\$0	\$482,365	\$0
5610	Management Salaries and Expenses	\$2,087,587	\$2,087,587	\$0	\$2,087,587	\$2,087,587	\$0	\$2,087,587	\$0
5615	General Administrative Salaries and			[]					
	Expenses	\$289,038	\$289,038	\$0	\$289,038	\$289,038	\$0	\$289,038	\$0
5620	Office Supplies and Expenses	\$282,160	\$282,160	\$0	\$282,160	\$282,160	\$0	\$282,160	\$0
5625	Administrative Expense Transferred Credit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5630	Outside Services Employed	\$249,149	\$249,149	\$0	\$249,149	\$249,149	\$0	\$249,149	\$0
5635	Property Insurance	\$23,000	\$23,000	\$0	\$23,000	\$23,000	\$0	\$23,000	\$0
5640	Injuries and Damages	\$76,025	\$76,025	\$0	\$76,025	\$76,025	\$0	\$76,025	\$0
5645	Employee Pensions and Benefits	\$160,000	\$160,000	\$0	\$160,000	\$160,000	\$0	\$160,000	\$0
5650	Franchise Requirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5655	Regulatory Expenses	\$556,416	\$556,416	\$0	\$556,416	\$556,416	\$0	\$556,416	\$0
5660	General Advertising Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5665	Miscellaneous General Expenses	\$185,706	\$185,706	\$0	\$185,706	\$185,706	\$0	\$185,706	\$0
5670	Rent	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5675	Maintenance of General Plant	\$594,902	\$594,902	\$0	\$594,902	\$594,902	\$0	\$594,902	\$0
			•	·					

	I Oldi	\$17,083,904	\$145,880,125 ####################################	Control	\$0 \$162,964,029	#######################################	\$162,964,029	\$0	###########	\$0
6225	Total	**	\$0		\$0	\$0	\$0	\$0	\$0	\$0
6215	Penalties Other Deductions	\$0 \$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
6210	Life Insurance	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
6205-1	Sub-account LEAP funding	\$16,820	\$16,820		\$0	\$16,820	\$16,820	\$0		\$0
6110	Income Taxes	\$197,057	\$197,057		\$0	\$197,057	\$197,057	\$0		\$0
6105	Taxes Other Than Income Taxes	\$44,000	\$44,000		\$0	\$44,000	\$44,000	\$0		\$0
6005	Interest on Long Term Debt	\$1,815,791	\$1,815,791		\$0	\$1,815,791	\$1,815,791	\$0	\$1,815,791	\$0
5740	Amortization of Deferred Charges	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
5735	Amortization of Deferred Development Costs	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
	Regulatory Study Costs	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
5730	Amortization of Unrecovered Plant and									
	Adjustments	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
5720	Amortization of Electric Plant Acquisition	, , , ,	,			, , .	*** **		, , , , ,	
37 13	Plant	\$592,401	\$592,401		\$0	\$592,401	\$592,401	\$0	\$592,401	\$0
5715	Amortization of Intangibles and Other Electric	ΨΟ	ΨΟ		ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ	ΨΟ
5710	Amortization of Limited Term Electric Plant	\$0,407,032	\$0,437,032 \$0		\$0	\$0,437,032	\$0,457,052	\$0	\$0	\$0
5705	Amortization Expense - Property, Plant, and Equipment	\$3,457,632	\$3,457,632		\$0	\$3,457,632	\$3,457,632	\$0	\$3,457,632	\$0
	Penalties	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0
5685	Independent Market Operator Fees and									
5680	Electrical Safety Authority Fees	\$14,400	\$14,400		\$0	\$14,400	\$14,400	\$0	\$14,400	\$0

1808 \$	Grouping by Allocator	 Adjusted TB	Excluded from COSS		Excluded	Included	Balance in O5	Difference	Balance in O4 Summary	Difference
1820	1808	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
No.	1815	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
1835 \$ 182,625 \$ - \$ - \$ 182,625 \$ 182,625 \$ - \$ 182,625 \$ - 18400 \$ - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 18450 \$ 98,297 \$ - 5 - 5 98,297 \$ - 5 - 5 98,297 \$ - 5 98,297 \$ - 5 98,297 \$ - 5 98,297 \$ - 5 98,297 \$ - 5 98,297 \$ - 5 - 5 98,297 \$ - 5	1820	\$ -	\$ -	\$	-	\$		\$ -	\$	7
1840	1830	\$		\$	-	\$		-	\$	
1845	1835	\$ 182,625	\$ -	\$	-	\$ 182,625	\$ 182,625	\$ -	\$ 182,625	\$ -
1850 \$ 122,954 \$ - \$ - \$ 122,954 \$ - \$ 1	1840	\$ -	\$ -	\$	-	\$		-	\$ -	\$ -
1855	1845	\$ 98,297	\$ -	\$	-	\$ 98,297	\$ 98,297	\$ -	\$ 98,297	\$ -
1860	1850	\$ 122,954	\$ -	\$	-	\$ 122,954	\$ 122,954	\$ -	\$ 122,954	\$ -
1815-1855	1855	\$ 291,343	\$ -	\$	-	\$ 291,343	\$ 291,343	\$ -	\$ 291,343	\$ -
1840 & 1845 \$ 746,484 \$ - \$ 746,484 \$ 746,484 \$ - \$ 746,484 \$ - \$ 840 & 1845 \$ 122,845 \$ 122,845 \$ - 122,845 \$ - \$ 122,845 \$ - \$ 122,845 \$ - 122,845 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445 \$ - 122,445	1860	\$		-	-	\$		-	\$	
1840 & 1845 \$ 122,845 \$ - \$ 12	1815-1855	\$ 482,625	\$ -	\$	-	\$	482,625	\$ -	\$	
BCP \$ 0.000 \$ - \$ - \$ - \$ 0.000 \$ - \$ 0.00	1830 & 1835	\$ 746,484	\$ -	\$	-	\$ 746,484	\$ 746,484	\$ -	\$	
BDHA \$ 80,000 \$ - \$ 80,000 \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ 80,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	1840 & 1845	\$ 122,845	\$ -	\$	-	\$ 122,845	\$ 122,845	\$ -	\$ 122,845	\$ -
Serial Color	BCP	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
CCA \$ 564,505 \$ - \$ - \$ 564,505 \$ 564,505 \$ - \$ 564,505 \$ - \$ CDMPP \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	BDHA	\$ 80,000	\$ -	\$	-	\$ 80,000	\$ 80,000	\$ -	\$ 80,000	\$ -
CDMPP \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Break Out	\$ (64,658,295)	\$ -	\$	-	\$ (64,658,295)	\$ (64,658,295)	\$ -	\$ (64,658,295)	\$ -
Series S	CCA	\$ 564,505	\$ -	\$	-	\$ 564,505	\$ 564,505	\$ -	\$ 564,505	\$ -
CENEWMP \$ 61,381,994 \$ - \$ - \$ 61,381,994 \$ - \$ 61,381,994 \$ - \$ 61,381,994 \$ - \$ CREV \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	CDMPP	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
CREV \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	CEN	\$ 9,992,429	\$ -	\$	-	\$ 9,992,429	\$ 9,992,429	\$ -	\$ 9,992,429	\$ -
\$ 20,058,436 \$ - \$ - \$ 20,058,436 \$ - \$	CEN EWMP	\$ 61,381,994	\$ -	\$	-	\$ 61,381,994	\$ 61,381,994	\$ -	\$ 61,381,994	\$ -
CWMC \$ 11,535,441 \$ - \$ - \$ 11,535,441 \$ - \$ 11,535,441 \$ - \$ 11,535,441 \$ - \$ 11,535,441 \$ - \$ \$ 12,535,441 \$ - \$ \$ 18,450 \$ - \$ \$ 1,874,524 \$ - \$ 1,874,524 \$ 1,874,524 \$ 1,874,524 \$ 1,874,524 \$ 1,874,524 \$ 1,874,524 \$ 1,874,524 \$ 1,874,524 \$ 1,874	CREV	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
CWMR \$ 18,450 \$ - \$ 18,450 \$ - \$ 18,450 \$ - \$ 18,450 \$ - \$ 18,450 \$ - \$ 18,450 \$ - \$ - \$ 18,450 \$ - \$ - \$ 18,450 \$ - \$ - \$ 1,874,524 \$ - \$ 1,874,524 \$ - \$ 1,874,524 \$ - \$ 1,874,524 \$ -	cwcs	\$ 20,058,436	\$ -	\$	-	\$ 20,058,436	\$ 20,058,436	\$ -	\$ 20,058,436	\$ -
CWNB \$ 1,874,524 \$ - \$ - \$ 1,874,524 \$ - \$ 1,874,524 \$ - \$ 1,874,524 \$ - \$ 0.000 \$ - \$ - \$ - \$ 1,874,524 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	CWMC	\$ 11,535,441	\$ -	\$	-	\$ 11,535,441	\$ 11,535,441	\$ -	\$ 11,535,441	\$ -
DCP \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	CWMR	\$ 18,450	\$ -	\$	-	\$ 18,450	\$ 18,450	\$ -	\$ 18,450	\$ -
LPHA \$ (210,000) \$ - \$ - \$ (210,000) \$ - \$ (21	CWNB	\$ 1,874,524	\$ -	\$	-	\$ 1,874,524	\$ 1,874,524	\$ -	\$ 1,874,524	\$ -
LTNCP \$ 20,142,366 \$ - \$ - \$ 28,142,366 \$ - \$ 20,142,366 \$ 20,142,366 \$ - \$ 20,142,366 \$ 20,14	DCP	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
NFA \$ (1,747,492) \$ - \$ - \$ (1,747,492) \$ (1,747,492) \$ - \$ (1,747,492) \$ (1	LPHA	\$ (210,000)	\$ -	\$	-	\$ (210,000)	\$ (210,000)	\$ -	\$ (210,000)	\$ -
NFA ECC \$ 22,032,003 \$ - \$ - \$ 22,032,003 \$ - \$ 22,032,00	LTNCP	\$ 28,142,366	\$ -	\$	-	\$ 28,142,366	\$ 28,142,366	\$ -	\$ 28,142,366	\$ -
D&M \$ 5,154,501 \$ - \$ - \$ 5,154,501 \$ - \$ 5,15	NFA	\$ (1,747,492)	\$ -	\$	-	\$ (1,747,492)	\$ (1,747,492)	\$ -	\$ (1,747,492)	\$ -
PNCP \$ 40,921,860 \$ - \$ - \$ 40,921,860 \$ - \$ 40,921,860 \$ -	NFA ECC	\$		\$	-	\$		-	\$ 22,032,003	\$ -
	O&M	\$ 5,154,501	\$ -	\$	-	\$ 5,154,501	\$ 5,154,501	\$ -	\$ 5,154,501	\$ -
SNCP \$ 23,545,510 \$ - \$ - \$ 23,545,510 \$ - \$ 23,545,510 \$ -	PNCP	\$ 40,921,860	\$ -	\$	-	\$ 40,921,860	\$ 40,921,860	\$ -	\$ 40,921,860	\$ -
	SNCP	\$ 23,545,510	\$ -	\$	-	\$ 23,545,510	\$ 23,545,510	\$ -	\$ 23,545,510	\$ -

TCP	\$ - \$	- \$	-	\$ - \$	-	\$ -	\$ - \$	-
Total	\$ 160,845,695 \$	- \$	-	\$ 160,845,695 \$	160,845,695	\$ -	\$ 160,845,695 \$	-



2025 Cost Allocation Model

Sheet E5 Reconciliation Worksheet -

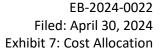
If you have completed the Cost Allocation filing model and prepared to submit your findings to the Ontario Energy Board, please note that you have two saving options. The Filing Requirements request that a copy of Option 1 be filed in live Excel format.

 OPTION #1
 - Detailed

 Step 1:
 Save this file as "LDCname Detailed CA model RUN#.xls"

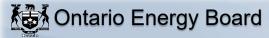
 Step 2:
 Print and submit sheets I6, I8, O1, and O2 within Exhibit 7 of the application

OPTION #2 - Rolled Up (Note that the rolled-up version is no longer required in a COS filing.)
Step 1: Save this file as "LDCname Detailed CA model RUN#.x/s"
Step 2: Click on the Option 2 Button
Step 3: Save this file as "LDCname_RolledUp_CA_model_RUN#.x/s"





Attachment 7-B RRWF Cost Allocation



Revenue Requirement Workform (RRWF) for 2025 Filers

Cost Allocation and Rate Design

This spreadsheet replaces **Appendix 2-P** and provides a summary of the results from the Cost Allocation spreadsheet, and is used in the determination of the class revenue requirement and, hence, ultimately, the determination of rates from customers in all classes to recover the revenue requirement.

Stage in Application Process: Initial Application

A) Allocated Costs

Name of Customer Class ⁽³⁾ From Sheet 10. Load Forecast		Allocated from vious Study ⁽¹⁾	%		ocated Class nue Requirement (1) (7A)	%
1 Residential 2 GS<50 3 GS>50 4 Embedded Distributor 5 Street Light 6 Sentinel Light 7 USL 8 9 0 1 1 2 3 4 5 6 7 8	\$ \$ \$ \$ \$ \$	9,625,174 1,467,052 1,555,011 98,708 155,290 21,704 50,024	74.19% 11.31% 11.99% 0.76% 1.20% 0.17% 0.39%	* * * * * * *	14,684,864 2,078,387 2,201,558 117,414 305,066 56,492 50,560	75.33% 10.66% 11.29% 0.60% 1.56% 0.29% 0.26%

20								
	Total	\$	12,972,963	100.00%	\$	19,494,341	100.00%	
		Service Revenue Requirement (from Sheet 9)				19,494,341.71		

- (1) Class Allocated Revenue Requirement, from Sheet O-1, Revenue to Cost || RR, row 40, from the Cost Allocation Study in this application. This excludes costs in deferral and variance accounts. For Embedded Distributors, Account 4750 Low Voltage (LV) Costs are also excluded.
- (2) Host Distributors Provide information on any embedded distributor(s) as a separate class, if applicable. If embedded distributors are billed in a General Service class, include the allocated costs and revenues of the embedded distributor(s) in the applicable class, and also complete Appendix 2-Q.
- (3) Customer Classes If these differ from those in place in the previous cost allocation study, modify the customer classes to match the proposal in the current application as closely as possible.

B) Calculated Class Revenues

Name of Customer Class		Forecast (LF) X t approved rates	LF X current approved rates X (1+d)		LF)	(Proposed Rates	Miscellaneous Revenues	
		(7B)		(7C)		(7D)		(7E)
1 Residential 2 GS<50 3 GS>50 4 Embedded Distributor 5 Street Light 6 Sentinel Light 7 USL 8 9	\$ \$ \$ \$ \$ \$	10,992,335 2,075,034 2,549,448 161,603 208,082 17,145 60,149	\$ \$ \$ \$ \$ \$	12,582,836 2,375,274 2,918,333 184,986 238,189 19,626 68,852	\$ \$ \$ \$ \$ \$ \$ \$	12,956,334 2,375,274 2,555,629 140,322 273,941 28,182 58,415	\$ \$ \$ \$ \$ \$ \$	883,263 117,225 86,240 575 13,566 3,118 2,257
2 2 3 4 5 6 7								
Total	\$	16,063,796	\$	18,388,097	\$	18,388,097	\$	1,106,244

- (4) In columns 7B to 7D, LF means Load Forecast of Annual Billing Quantities (i.e., customers or connections, as applicable X 12 months, and kWh, kW or kVA as applicable. Revenue quantities should be net of the Transformer Ownership Allowance for applicable customer classes. Exclude revenues from rate adders and rate riders.
- (5) Columns 7C and 7D Column Total should equal the Base Revenue Requirement for each.
 Column 7C The OEB-issued cost allocation model calculates "1+d" on worksheet O-1, cell C22. "d" is defined as Revenue Deficiency/Revenue at Current Rates.
 (6)
- (7) Column 7E If using the OEB-issued cost allocation model, enter Miscellaneous Revenues as it appears on worksheet O-1, row 19.

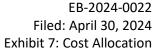
C) Rebalancing Revenue-to-Cost Ratios

Name of Customer Class	Previously Approved Ratios	Status Quo Ratios	Proposed Ratios	Policy Range
	Most Recent Year:	(7C + 7E) / (7A)	(7D + 7E) / (7A)	
	2018			
	%	%	%	%
1 Residential	96.16%	91.70%	94.24%	85 - 115
2 GS<50	116.82%	119.92%	119.92%	80 - 120
3 GS>50	103.70%	136.47%	120.00%	80 - 120
4 Embedded Distributor	120.00%	158.04%	120.00%	80 - 120
5 Street Light	120.00%	82.52%	94.24%	80 - 120
6 Sentinel Light	120.00%	40.26%	55.41%	80 - 120
7 USL	120.00%	140.64%	120.00%	80 - 120
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
20				

- (8) Previously Approved Revenue-to-Cost (R/C) Ratios For most applicants, the most recent year would be the third year (at the latest) of the Price Cap IR period. For example, if the applicant, rebased in 2020 with further adjustments to move within the range over two years, the Most Recent Year would be 2023. However, the ratios in 2023 would be equal to those after the adjustment in 2022.
- (9) Status Quo Ratios The OEB-issued cost allocation model provides the Status Quo Ratios on Worksheet O-1. The Status Quo means "Before Rebalancing".
- (10) Ratios shown in red are outside of the allowed range. Applies to both Tables C and D.
- (D) Proposed Revenue-to-Cost Ratios (11)

Name of Customer Class	Propose	Policy Range		
	Test Year	Price Cap IR F	Period	, ,
	2025	2026	2027	
1 Residential	94.24%	94.21%	94.17%	85 - 115
2 GS<50	119.92%	119.92%	119.92%	80 - 120
3 GS>50	120.00%	120.00%	120.00%	80 - 120
Embedded Distributor	120.00%	120.00%	120.00%	80 - 120
Street Light	94.24%	94.21%	94.17%	80 - 120
6 Sentinel Light	55.41%	63.15%	74.24%	80 - 120
7 USL	120.00%	120.00%	120.00%	80 - 120
3				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

⁽¹¹⁾ The applicant should complete Table D if it is applying for approval of a revenue-to-cost ratio in 2025 that is outside of the OEB's policy range for any customer class. Table D will show that the distributor is likely to enter into the 2026 and 2027 Price Cap IR models, as necessary. For 2026 and 2027, enter the planned revenue-to-cost ratios that will be "Change" or "No Change" in 2026 (in the current Revenue/Cost Ratio Adjustment Workform, Worksheet C1.1 'Decision - Cost Revenue Adjustment, column d), and enter TBD for class(es) that will be entered as 'Rebalance'.





Attachment 7-C Elenchus Demand Allocation Methodology



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Weather Normalized Distribution System Load Forecast: 2025 Cost of Service

Report prepared by Andrew Blair Elenchus Research Associates Inc.

Prepared for: Essex Powerlines Corp.

25 March 2024



Table of Contents

1	Introd	uction	1
	1.1	Summarized Results	4
	1.2	Load Factor Influences	5
2	Class	Specific kWh Regression	6
	2.1	Residential	7
	2.2	GS < 50	10
	2.3	GS > 50	12
	2.4	Embedded Distributor	15
3	Weatl	ner Normalization and Economic Forecast	18
	3.1	10-Year Average	18
	3.2	Economic Forecast	19
4	Class	Specific Normalized Forecasts	20
	4.1	Residential	20
	4.2	GS < 50	22
	4.3	GS > 50	24
	4.4	Embedded Distributor	26
5	Street	t Light, Sentinel Light, and USL Forecast	29
	5.1	Street Light	29
	5.2	Sentinel Lighting	31
	5.3	USL	33
6	Additi	onal Loads	34
	6.1	Electric Vehicles	35
	6.2	Electric Heating	39
	6.3	Customer Expansions	42
	6.4	Additional Loads Summary	43
7	CDM	Adjustment to Load Forecast	44

List of Tables

Table 1 kWh Forecast by Class	4
Table 2 CDM Adjusted kWh Forecast	4
Table 3 kW Forecast by Class	4
Table 4 CDM Adjusted kW Forecast	5
Table 5 Customer / Connections Forecast for 2018-2025	5
Table 6 Billing Determinant Summary	5
Table 7 Load Influence Summary	6
Table 8 Residential and Commercial/Industrial Loads	6
Table 9 Residential Regression Model	8
Table 10 Residential model error	9
Table 11 GS < 50 Regression Model	. 11
Table 12 GS < 50 model error	. 12
Table 13 GS>50 Regression Model	. 14
Table 14 GS>50 model error	. 15
Table 15 Embedded Distributor Regression Model	
Table 16 Embedded Distributor model error	. 18
Table 17 - 10 Year Average HDD and CDD	. 19
Table 18 Economic Forecasts	. 19
Table 19 Actual vs Normalized Residential kWh	. 20
Table 20 Additional Residential kWh Consumption	. 20
Table 21 Forecasted Residential Customer Count	. 21
Table 22 Actual vs Normalized GS < 50 kWh	. 22
Table 23 Additional GS<50 kWh Consumption	. 22
Table 24 Forecasted GS<50 Customer Count	. 23
Table 25 Actual vs Normalized GS>50 kWh	. 24
Table 26 Additional GS>50 kWh Consumption	. 24
Table 27 Forecasted GS>50 Customer Count	. 25
Table 28 Forecasted GS>50 kW	. 26
Table 29 Actual vs Normalized Embedded Distributor	. 27

Table 30 Forecasted Embedded Distributor Customer Count	28
Table 31 Forecasted Embedded Distributor	28
Table 32 Street Light Consumption Forecast	30
Table 33 Forecasted Street Light Device Count	30
Table 34 Forecasted Street Light kW	31
Table 35 Sentinel Lighting Consumption Forecast	31
Table 36 Forecasted Sentinel Lighting Device Count	32
Table 37 Forecasted Sentinel Lighting kW	33
Table 38 USL Consumption Forecast	33
Table 39 Forecasted USL Devices	34
Table 40 Ontario and Essex EV Statistics	35
Table 41 Estimate of Essex EVs by Type	36
Table 42 Forecast of EVs Essex EVs by Type 2023-2026	36
Table 43 Basis of Forecast Elements	36
Table 44 Consumption by EV Type	37
Table 45 Forecast EVs and kWh Consumption by EV Type	38
Table 46 Allocations to Rate Classes	38
Table 47 EV Forecast Summary	39
Table 48 Heating Consumption per Customer	39
Table 49 Residential Heating Summary	40
Table 50 GS<50 Heating Summary	40
Table 51 Seasonal Heating Calculation	40
Table 52 Seasonally Adjusted kWh	41
Table 53 Residential and GS<50 Heating Summary	41
Table 54 GS>50 kW Forecast Consumption	41
Table 55 GS>50 kW Forecast Billed kW	42
Table 56 Customer Expansions Loads	42
Table 57 Billed kW Customer Expansion Loads	43
Table 58 kWh Customer Expansion Loads	43
Table 59 Additional Load Summary	44

Table 60 2021-2024 CDM Framework and EPL Allocation	45
Table 61 EPL kWh	45
Table 62 EPL CDM	46
Table 63 2021-2024 CDM Framework Adjustments	47
<u>List of Figures</u>	
Figure 1 Residential kWh and Average Temperature	7
Figure 2 Residential Predicted vs Actual observations	9
Figure 3 GS<50 kWh and Average Temperature	10
Figure 4 GS < 50 Predicted vs Actual observations	11
Figure 5 GS>50 kWh and Average Temperature	13
Figure 6 GS > 50 Predicted vs Actual observations	14
Figure 7 Embedded Distributor and Average Temperature	16
Figure 8 Embedded Distributor Predicted vs Actual observations	17
Figure 9 Actual vs Normalized Residential kWh	21
Figure 10 Actual vs Normalized GS < 50 kWh	23
Figure 11 Actual vs Normalized GS > 50 kWh	25
Figure 12 Actual vs Normalized Embedded Distributor	27
Figure 13 Embedded Distributor kWh and kW	29
Figure 14 Street Light kWh per Luminaire Device	30
Figure 15 Sentinel Lighting kWh per Device	32
Figure 16 USL kWh per Device	34

1 INTRODUCTION

This report outlines the results of, and methodology used to derive, the weather normal load forecast prepared for Essex Powerlines Corporation ("EPL") for its Cost of Service application for 2025 rates.

The regression equations used to normalize and forecast EPL's weather sensitive load use monthly heating degree days and cooling degree days as measured at Environment Canada's Windsor Airport¹ weather station to take into account temperature sensitivity. EPL typically experiences relatively large cooling load in the summer and smaller heating loads in the winter so its peak load is generally in the summer. Environment Canada defines heating degree days and cooling degree days as the difference between the average daily temperature and 18°C for each day (below for heating, above for cooling). Heating and cooling degree days with base temperatures other than 18°C have also been considered.

To isolate the impact of CDM, persisting CDM as measured by the IESO is added back to rate class consumption to simulate the rate class consumption had there been no CDM program delivery. This is labelled as "Actual No CDM" throughout the model. The effect is to remove the impact of CDM from any explanatory variables, which may capture a trend, and focus on the external factors. A weather normalized forecast is produced first based on no CDM delivery, and then persisting CDM savings of historic programs are subtracted off to reflect the actual normal forecast.

CDM data beyond 2018 is based on limited data in the IESO Participant and Cost Report. As per the updated CDM Guidelines, forecast CDM is based on a forecast of EPL's share of provincial energy savings.

While statistical regression is appropriate for estimating a relationship between explanatory variables and energy use, in the case of CDM, an independent measurement is available providing a greater level of accuracy than could be obtained through regression.

Overall economic activity also impacts energy consumption. There is no known agency that publishes monthly economic accounts on a regional basis for Ontario. However, regional employment levels are available. Specifically, the monthly full-time equivalent (FTE) employment levels for Windsor and Ontario, as reported in Statistics Canada's Monthly Labour Force Survey² are considered. Economic data for the four communities in EPL's service territory (Amherstburg, LaSalle, Leamington, and Tecumseh) is

^{1 &}quot;Windsor A" operated by NAVCAN, Latitude:42°16'34" N, Longitude:82°57'19" W, Elevation:189.60 m

² Statistics Canada Table 14-10-0380-01

unavailable from Statistics Canada so Windsor is used as a proxy as it is the closest economic region with data available. Ontario GDP is available from Ontario Economic Accounts³ on a quarterly basis and Overall GDP is available from Statistics Canada on an annual basis.⁴ The GDP of specific industries relevant to Windsor's service territories are also considered.

In order to isolate demand determinants at the class specific level, equations to weather normalize and forecast kWh consumption for the Residential, GS < 50 kW, GS > 50 kW, and Embedded Distributor classes have been estimated.

In addition to the weather and economic variables, a time trend variable, number of days and number of working days in each month, number of customers, and month of year variables have been examined for all weather-sensitive rate classes. More details on the individual class specifications are provided in the next section.

A range of COVID variables were considered to account for the impacts triggered by the COVID-19 pandemic. These variables have been included in load forecasts used to set electricity distribution rates in Ontario.5 COVID flag variables were tested and found to be statistically significant for some classes. The following COVID flag variables were considered:

- A "COVID" variable equal to 0 in all months prior to March 2020, 1 in all months from March 2020 to December 2021, and 0.5 from January 2022 to December 2022, and 0 thereafter.
- A "COVID_AM" variable equal to 0 in all months prior to March 2020, equal to 0.5 in March 2020, equal to 1 in April and May 2020, 0.5 in each month from June 2020 to December 2021, 0.25 each month from January 2022 to December 2022, and 0 thereafter. This variable accounts for the relatively larger impact of COVID in the first two and a half months following the first lockdowns in March 2020.
- A "COVID_WFH" variable equal to 0 in all months prior to March 2020, equal to 0.5 in March 2020, equal to 1 each month from April 2020 to December 2020, 0.75 from January 2021 to December 2021, 0.5 from January 2022 to December 2022, and 0.25 thereafter. This variable is intended to reflect the shift to "Work from Home", which had larger impacts through the summer of 2020 and continues to reflect ongoing impacts.

³ Ontario Economic Accounts (https://data.ontario.ca/dataset/ontario-economic-accounts)

⁴ Statistics Canada Table 36-10-0402-01

⁵ Grimsby Power Inc. (EB-2021-0027), Bluewater Power Distribution Corporation (EB-2022-0016), EPCOR Electricity Distribution Ontario Inc. (EB-2022-0028), Kingston Hydro (EB-2022-0044), Milton Hydro Distribution Inc. (EB-2022-0049), and Synergy North Corporation (EB-2023-0052).

A "COVID2020" variable equal to 0 in all months prior to March 2020, equal to 0.5 in March 2020, equal to 1 in April and May 2020, equal to 0.5 in June 2020, and equal to 0 in July 2020 and each month thereafter. This variable reflects the temporary impacts experienced by some customers, particularly larger customers.

The extent to which consumption from March 2020 onward differed from typical consumption has been found to be related to the weather variables in those months for certain classes, particularly the Residential class. A set of COVID/weather interaction variables were considered to capture the incremental consumption caused by people staying at home due to lockdowns and from the increase in people working from home, which has persisted after the prevalence of direct COVID impacts have subsided.

The "HDD COVID" and "CDD COVID" variables are equal to the relevant HDD and CDD variables since March 2020, and 0 in all earlier months. The coefficients reflect incremental heating and cooling load consumed as people stayed home during the pandemic. These variables continue to December 2021 but are reduced to 50% of HDD and CDD in all months in 2022 and to 0 in 2023.

The "CWFH HDD" and "CWFH CDD" variables are COVID/weather interaction variables that are equal to the relevant HDD and CDD variables applied to the COVID_WFH ("work from home"). The variables are 0 in all months prior to March 2020, 50% of weather variables in March 2020, 100% of weather variables in April 2020 to December 2020, 75% of weather variables in 2021, and 25% of weather variables in 2022 and thereafter.

COVID variables were tested for each of the Residential, General Service < 50 kW, General Service > 50 kW, and Embedded Distributor rate classes. The COVID/weather interaction variables related to the "work from home" variable (CWFH HDD and CWFH CDD) was found to be statistically significant and is used for the Residential class. The COVID variables were not found to be statistically significant for the General Service < 50 kW, General Service > 50 kW, or Embedded Distributor rate classes.⁶

For classes with demand charges, an annual kW to kWh ratio is calculated using actual observations for each historical year and applied to the normalized kWh to derive a weather normal kW observation.

_

⁶ The COVID variables were statistically significant in some models that were tested that did not include economic variables.

1.1 SUMMARIZED RESULTS

The following table summarizes the historic and forecast kWh for 2018 to 2025:

Normal Forecast

kWh	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Actual	2023 Normal	2024 Forecast	2025 Forecast
Residential	259,974,120	252,809,094	271,898,869	277,378,582	272,607,146	259,000,634	268,851,807	276,979,656	285,939,528
GS < 50	66,321,666	65,058,987	60,802,781	62,043,606	67,628,825	63,293,408	66,803,652	69,484,720	73,307,166
GS > 50	171,089,785	180,918,659	171,481,742	178,461,520	183,800,048	183,420,703	184,484,595	190,310,413	209,209,941
Embedded Distributor	31,923,241	34,526,385	29,188,687	28,075,683	28,792,570	34,284,228	33,738,157	33,920,392	34,244,754
Street Light	2,887,551	2,576,355	2,455,697	2,444,025	2,406,027	2,415,233	2,415,233	2,424,399	2,433,601
Sentinel Light	293,755	285,985	281,018	278,297	271,670	269,986	269,986	266,130	262,328
USL	1,547,236	1,541,978	1,442,699	1,408,704	1,408,704	1,408,699	1,408,699	1,396,074	1,383,562
Total	534,037,354	537,717,443	537,551,493	550,090,417	556,914,990	544,092,891	557,972,130	574,781,784	606,780,879

Table 1 kWh Forecast by Class

The following table summarizes the 2025 CDM Adjusted kWh Load Forecast. Details for this calculation can be found in Schedule 7 of this report.

CDM Adjusted

kWh	2025 Weather Normal Forecast	CDM Adjustment	2025 CDM Adjusted Forecast	
Residential	285,939,528	1,305,422	284,634,106	
GS < 50	73,307,166	2,471,857	70,835,308	
GS > 50	209,209,941	11,330,908	197,879,033	
Embedded Distributor	34,244,754	0	34,244,754	
Street Light	2,433,601	0	2,433,601	
Sentinel Light	262,328	0	262,328	
USL	1,383,562	0	1,383,562	
Total	606,780,879	15,108,188	591,672,692	

Table 2 CDM Adjusted kWh Forecast

The following table summarizes the historic and forecast kW for 2018 to 2025:

Normal Forecast

- TOTTING T OT OCCUPE									
kW	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Actual	2023 Normal	2024 Forecast	2025 Forecast
GS > 50	536,823	592,797	580,474	574,683	592,472	566,315	<i>597,465</i>	629,123	736,070
Embedded Distributor	96,861	94,142	92,507	89,242	83,614	90,976	89,527	90,011	90,871
Street Light	8,746	7,846	7,413	7,398	7,289	7,310	7,317	7,345	7,372
Sentinel Light	815	781	767	759	744	736	737	727	716
Total	643,245	695,566	681,161	672,082	684,119	665,337	695,046	727,205	835,030

Table 3 kW Forecast by Class

The following table summarizes the 2025 CDM Adjusted kW Load Forecast. Details for this calculation can be found at the end of in Schedule 7 of this report.

CDM Adjusted

kW	2025 Weather Normal Forecast	CDM Adjustment	2025 CDM Adjusted Forecast
GS > 50	736,070	37,655	698,414
Embedded Distributor	90,871	0	90,871
Street Light	7,372	0	7,372
Sentinel Light	716	0	716
Total	835,030	37,655	797,374

Table 4 CDM Adjusted kW Forecast

The following table summarizes the historic and forecast customer/connection counts for 2018 to 2025:

Customers / Connections

Oubtoilloid / Collinooti	0110							
Count	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Actual	2023 Actual	2024 Forecast	2025 Forecast
Residential	27,640	27,932	28,265	28,512	28,745	28,912	29,182	29,454
GS < 50	1,979	1,996	2,018	2,040	2,065	2,062	2,080	2,098
GS > 50	249	262	256	234	210	230	232	235
Embedded Distributor	5	4	4	4	4	4	4	4
Street Light	2,761	2,770	2,777	2,785	2,793	2,807	2,818	2,828
Sentinel Light	243	235	228	228	227	222	219	216
USL	131	130	126	125	125	125	124	123
Total	33,008	33,329	33,675	33,927	34,170	34,362	34,658	34,958

Table 5 Customer / Connections Forecast for 2018-2025

Finally, a summary of billing determinants is provided in Table 6.

Summary

2025	kWh	kW	Customers / Connections	
Residential	284,634,106		29,454	
GS < 50	70,835,308		2,098	
GS > 50	197,879,033	698,414	235	
Embedded Distributor	34,244,754	90,871	4	
Street Light	2,433,601	7,372	2,828	
Sentinel Light	262,328	716	216	
USL	1,383,562		123	
Total	591,672,692	797,374	34,958	

Table 6 Billing Determinant Summary

1.2 LOAD FACTOR INFLUENCES

Table 7 below provides a summary of EPL Power's total system consumption and the key factors that influence its load. HDD and CDD figures represent the differences between actual weather-related loads and 10-year normalized weather-related loads.

Year	Total kWh	kWh Growth	HDD	CDD	Metered Cust.	Metered Customer Growth
2018	534,037,354		5.7%	-11.6%	29,873	
2019	537,717,443	0.7%	4.9%	24.1%	30,194	1.1%
2020	537,551,493	0.0%	-3.6%	-3.7%	30,543	1.2%
2021	550,090,417	2.3%	-6.8%	6.8%	30,790	0.8%
2022	556,914,990	1.2%	2.7%	18.2%	31,025	0.8%
2023	544,092,891	-2.3%	-11.4%	6.2%	31,208	0.6%
Avg. Gro	wth 2018-2023	0.37%			0.88%	
2024	567,648,658	4.3%	0.0%	0.0%	31,498	0.9%
2025	591,672,692	4.2%	0.0%	0.0%	31,791	0.9%
Avg. Growth 2018-2025		1.47%			0.89%	

Table 7 Load Influence Summary

EPL Power's consumption increased by 1.9% since 2018, or 0.37% per year. The decline in consumption in 2023 was primarily due to mild winter temperatures. On a weather-normalized basis, consumption increased by 7.8% from 2018 to 2023. The consumption growth rate is forecast to increase to 3.6% per year in 2024 and 2025 due to a forecast return to average weather from 2023 mild weather, increased electrification (EVs and heat pumps), and increased greenhouse loads.

		Re	sidential	GS < 50, GS > 50, Embedded Distributor				
Year	Cust.	Cust. Growth %	kWh	kWh Growth %	Cust.	Cust. Growth %	kWh	kWh Growth %
2018	32,002		259,974,120		2,233		269,334,692	
2019	32,139	1.1%	252,809,094	-2.8%	2,262	1.3%	280,504,031	4.1%
2020	32,277	1.2%	271,898,869	7.6%	2,278	0.7%	261,473,210	-6.8%
2021	32,434	0.9%	277,378,582	2.0%	2,278	0.0%	268,580,809	2.7%
2022	32,605	0.8%	272,607,146	-1.7%	2,279	0.1%	280,221,443	4.3%
2023	32,755	0.6%	259,000,634	-5.0%	2,297	0.8%	280,998,339	0.3%
Avg.	2018-23	0.90%		-0.08%		0.56%		0.85%
2024	29,182	0.9%	276,419,092	6.7%	2,316	0.9%	287,142,963	2.2%
2025	29,454	0.9%	284,634,106	3.0%	2,336	0.9%	302,959,095	5.5%
Avg.	2018-25	0.91%		1.30%		0.65%		1.69%

Table 8 Residential and Commercial/Industrial Loads

2 CLASS SPECIFIC KWH REGRESSION

Consumption for the Residential, GS < 50, GS > 50, and Embedded Distributor rate classes were forecast with multivariate regressions. Regressions were not used for the

Street Light, Sentinel Light, and USL rate classes as these classes do not exhibit sensitivity to the explanatory variables available for a statistical regression approach.

2.1 RESIDENTIAL

For Residential kWh consumption the equation was estimated using 120 observations from 2014:01-2023:12. Multiple heating degree day and cooling degree day thresholds were considered in the Residential regression. Consumption is relatively stable when the average monthly temperature is between 16°C and 18°C and increases as average temperatures deviate from that range. HDD relative to 18°C and CDD relative to 16°C were found to provide the strongest results. HDD and CDD measures near 18°C and 16°C, respectively, were also considered but found to be less predictive of monthly consumption.

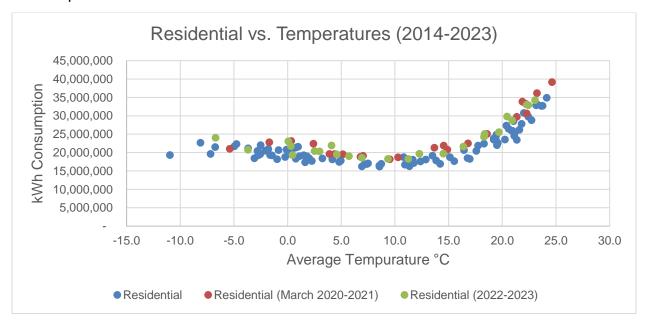


Figure 1 Residential kWh and Average Temperature

In addition to the HDD18 and CDD16 variables, the corresponding CWFH_HDD18 and CWFH_CDD16 variables were used and found to be statistically significant.

Economic variables, such as Windsor employment and various GDP measures, were tested but not found to be statistically significant variables.

A shoulder variable, equal to 1 in March, April, May, October, and November and 0 in all other months, is used and found to be statistically significant.

A time trend variable, equal to 1 in January 2014 and increasing by one in each month, was found to be statistically significant. A count of the number of calendar days in the month was also used.

Several other variables were examined and found to not show a statistically significant relationship to energy usage, or a weaker relationship than similar variables that are included. Those included customer counts, employment, GDP, and other calendar variables.

A time-series autoregressive model using the Prais-Winsten estimation was used for the Residential class to account for autocorrelation.

The following table outlines the resulting regression model:

Model 1: Prais-Winsten, using observations 2014:01-2023:12 (T = 120) Dependent variable: ReskWh_NoCDM									
rho = 0.164919									
	coefficient	std. error	t-ratio	p-value					
const	(7,179,192)	2,421,349	(2.9650)	0.00370					
HDD18	7,099	563	12.6164	0.00000					
CDD16	66,615	2,172	30.6747	0.00000					
CWFH_HDD18	2,408	825	2.9189	0.00425					
CWFH_CDD16	15,377.5	2,295.8	6.6981	0.00000					
MonthDays	745,717	81,926	9.1024	0.00000					
Shoulder	(1,713,931)	195,555	(8.7644)	0.00000					
Trend	21,643	2,864.2	7.556	0.00000					
Statistics based on the	rho-differenced d	ata							
Mean dependent var	22,403,541	S.D. dependent var	5,143,284						
Sum squared resid	6.00E+13	S.E. of regression	7.32E+05						
R-squared	9.81E-01	Adjusted R-squared	9.80E-01						
F(7, 112)	667.490	P-value(F)	0.0000						
rho	0.019	Durbin-Watson	1.9472						

Table 9 Residential Regression Model



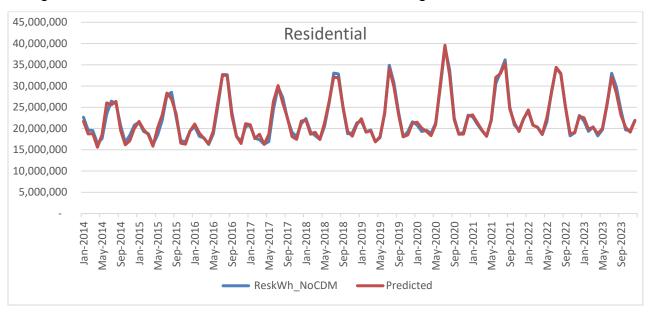


Figure 2 Residential Predicted vs Actual observations

Annual estimates using actual weather are compared to actual values in the table below. Mean absolute percentage error (MAPE) for annual estimates for the period is 0.7%. The MAPE calculated monthly over the period is 2.5%.

	Residential kWh						
Year	CDM Added Back	Predicted	Error (%)				
2014	248,343,883	244,442,951	1.6%				
2015	248,777,775	250,266,821	0.6%				
2016	261,730,029	263,627,579	0.7%				
2017	251,415,524	254,522,756	1.2%				
2018	273,656,127	272,455,324	0.4%				
2019	267,245,404	264,790,988	0.9%				
2020	286,105,618	285,357,653	0.3%				
2021	291,353,714	292,469,170	0.4%				
2022	286,634,491	288,424,224	0.6%				
2023	273,162,305	272,274,576	0.3%				
Total	2,688,424,869	2,688,632,043	0.0%				
Mean Absolu	ute Percentage Erroi	r (Annual)	0.7%				
Mean Absolu	ute Percentage Erroi	r (Monthly)	2.5%				

Table 10 Residential model error

2.2 GS < 50

For the GS < 50 class, the regression equation was estimated using 120 observations from 2014:01-2023:12. Consumption for this class is relatively stable when the average monthly temperature is between 18°C and 14°C and increases as average temperatures deviate from that range. HDD relative to 18°C and CDD relative to 14°C were found to provide the strongest results. HDD and CDD measures near 18°C and 14°C, respectively, were also considered but found to be less predictive of monthly consumption.

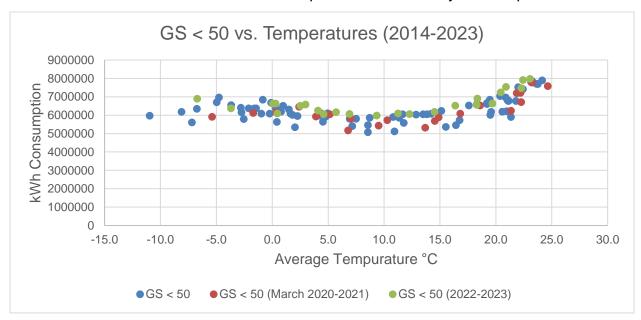


Figure 3 GS<50 kWh and Average Temperature

Total Ontario GDP from Ontario Economic Accounts has been included as an indicator of economic activity. Measures for Ontario employment and other measures of GDP were also tested but found to be statistically less significant than Ontario GDP.

The number of days in each month and the Shoulder variable were found to be statistically significant and were used in the GS < 50 model.

The COVID variables were tested and found to have low statistical significance when the GDP variable was included. These variables are not used in the GS < 50 model.

The customer count, time trend, and other calendar variables were tested but found to not have statistically significant relationships to energy usage.

The following table outlines the resulting regression model:

Model 1: Prais-Winsten, using observations 2014:01-2023:12 (T = 120) Dependent variable: GSlt50kWh_NoCDM rho = 0.71701										
	coefficient	std. error	t-ratio	p-value						
const	(3,155,056)	795,991	(3.9637)	0.0001						
HDD18	1,711	141	12.1424	0.0000						
CDD14	7,408	361	20.5150	0.0000						
Total_OEA	6	1	6.6597	0.0000						
MonthDays	124,567.6	14,353.3	8.6787	0.0000						
Shoulder	(115,215)	40,249	(2.8625)	0.0050						
Statistics based on the	e rho-differenced	data								
Mean dependent var	6,353,996	S.D. dependent var	650,494							
Sum squared resid										
R-squared	0.9397	Adjusted R-squared	0.9370							
F(5, 115)	239.993	P-value(F)	0.0000							
rho	(0.071)	Durbin-Watson	2.1327							

Table 11 GS < 50 Regression Model

Using the above model coefficients we derive the following:

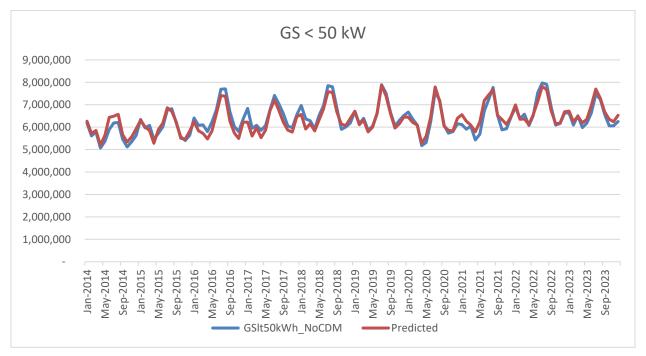


Figure 4 GS<50 Predicted vs Actual Observations

Annual estimates using actual weather are compared to actual values in the table below. Mean absolute percentage error (MAPE) for annual estimates for the period is 2.4%. The MAPE calculated monthly over the period is 3.0%.

	GS<50 k	Wh	Absolute
	CDM Added Back	Predicted	Error (%)
2014	67,861,598	70,659,909	4.1%
2015	71,979,957	72,093,836	0.2%
2016	77,699,069	74,230,751	4.5%
2017	77,216,323	74,250,660	3.8%
2018	79,628,911	78,009,546	2.0%
2019	78,712,719	77,956,503	1.0%
2020	74,404,472	75,159,637	1.0%
2021	75,675,869	78,685,517	4.0%
2022	81,641,733	80,770,802	1.1%
2023	77,658,916	79,736,139	2.7%
Total	762,479,569	761,553,299	0.1%
Mean Absolu	ıte Percentage Error	(Annual)	2.4%
Mean Absolu	ite Percentage Error	(Monthly)	3.0%

Table 12 GS < 50 model error

2.3 GS > 50

For the GS > 50 class, the regression equation was estimated using 120 observations from 2014:01-2023:12. GS > 50 consumption is relatively flat when the average monthly temperature is between 12°C and 16°C and increases as average temperatures deviate from that range. Consumption does not vary significantly at lower temperatures but there is a stronger relationship between consumption and high temperatures. HDD relative to 16°C and CDD relative to 12°C were found to provide the strongest results. HDD and CDD measures near 16°C and 12°C, respectively, were also considered but found to be less predictive of monthly consumption.

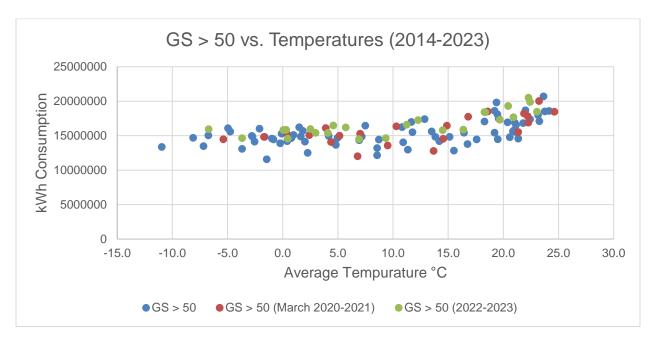


Figure 5 GS>50 kWh and Average Temperature

Total Ontario GDP from Ontario Economic Accounts has been included as an indicator of economic activity. Measures for Ontario employment and other measures of GDP were also tested but found to be statistically less significant than Ontario GDP.

The number of "peak days" in each month, which are non-holiday weekdays, is used and found to be more statistically significant than the total number of days in each month.

The COVID variables were tested and found to have low statistical significance when the GDP variable was included. These variables are not used in the GS > 50 model.

Two calendar variables, the September variable, equal to 1 in September and 0 in all other months, and the Fall variable, equal to 1 in October and November and equal to 0 in all other months, are also used and found to be statistically significant. These variables account for higher consumption in the September, October, and November months than can be explained by weather or other variables. The September variable is separate from the Fall variable as consumption is particularly high in September months. Elenchus assumes this is due to agricultural and greenhouse loads in the region in those months.

The time trend and other binary calendar variables representing other seasons and months were tested but found to not have a statistically significant relationship to energy use.

The following table outlines the resulting regression model:

Model 6: Prais-Winsten, using observations 2014:01-2023:12 (T = 120) Dependent variable: GSgt50kWh_NoCDM rho = 0.527279										
	coefficient	std. error	t-ratio	p-value						
const	(4,689,965)	2,465,916	(1.9019)	0.0597						
HDD16	3,947	680	5.8022	0.0000						
CDD12	15,259	1,219	12.5210	0.0000						
Total_OEA	16.3	2.8	5.7330	0.0000						
PeakDays	228,823	47,455	4.8219	0.0000						
Sept	1,564,225	244,561	6.3960	0.0000						
Fall	1,139,331	247,781.4	4.598	0.0000						
Statistics based on the	e rho-differenced	data								
Mean dependent var	15,734,301	S.D. dependent var	1,861,094							
Sum squared resid	6.25E+13	S.E. of regression	7.44E+05							
R-squared	8.54E-01	Adjusted R-squared	8.46E-01							
F(5, 114)	52.903	P-value(F)	0.0000							
rho	(0.035)	Durbin-Watson	2 0645							

Table 13 GS>50 Regression Model

Using the above model coefficients we derive the following:

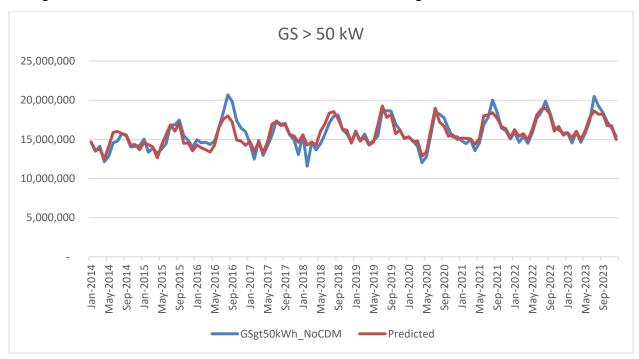


Figure 6 GS>50 Predicted vs Actual observations

Annual estimates using actual weather are compared to actual values in the table below. Mean absolute percentage error (MAPE) for annual estimates for the period is 2.2%. The MAPE calculated monthly over the period is 4.0%.

	GS>50 I	κWh	Absolute
	CDM Added Back	Predicted	Error (%)
2014	170,113,999	174,094,926	2.3%
2015	179,246,256	178,069,776	0.7%
2016	198,702,962	182,896,495	8.0%
2017	179,503,467	184,420,679	2.7%
2018	185,305,131	193,322,277	4.3%
2019	195,400,371	194,040,109	0.7%
2020	185,908,363	186,071,196	0.1%
2021	193,242,984	195,302,133	1.1%
2022	199,280,395	200,920,753	0.8%
2023	201,412,228	199,440,276	1.0%
Total	1,888,116,155	1,888,578,619	0.0%
Mean Ab	solute Percentage Er	ror (Annual)	2.2%
	solute Percentage Er	ror (Monthly)	4.0%
1 abie 14 G2>5	50 model error		

2.4 EMBEDDED DISTRIBUTOR

For the Embedded Distributor class, the regression equation was estimated using 98 observations from 2015:11-2023:12. This class comprises 4 metered connection points with Hydro One Networks Inc. ("HONI"). The class had 6 connection points until October 2015 and the class's loads declined by approximately 15-20% following that month. Elenchus tested various models that included ten years (2014-2023) of class data, but the mismatch of the 33% decline in counts and 15-20% decline in loads skewed the results. The forecast of this class is based on eight years and two months of data (Nov. 2015-2023) as models tested for this time period produced stronger statistical results. HDD relative to 14°C and CDD relative to 16°C were found to provide the strongest results. HDD and CDD measures near 14°C and 16°C, respectively, were also considered but found to be less predictive of monthly consumption.

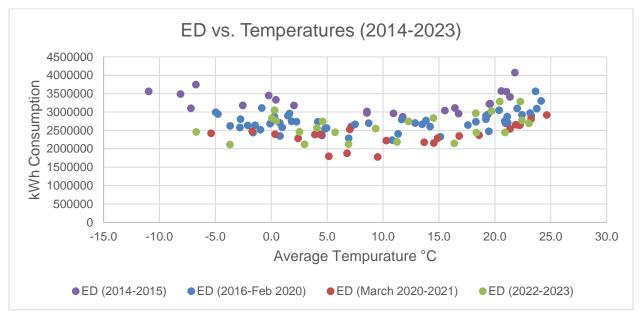


Figure 7 Embedded Distributor and Average Temperature

Economic variables were tested and multiple were found to have a statistically significant relationship with class consumption. The variable with the strongest statistical results is seasonally adjusted Windsor employment (AdjWindsor_FTE) from Statistics Canada.

The COVID variables were tested and found to have low statistical significance when the GDP variable was included. These variables are not used in the Embedded Distributor model.

The Fall variable, equal to 1 in October and November and equal to 0 in all other months, is used and found to be statistically significant. This variable accounts for higher consumption in the October and November months than can be explained by weather or other variables.

The other binary calendar variables representing seasons and months were tested but note found to show a high degree of statistical significance.

The following table outlines the resulting regression model:

Model 8: Prais-Winsten, using observations 2015:11-2023:12 (T = 98)										
Dependent variable: EDkWh2016										
rho = 0.714295	ı			ı						
	coefficient	std. error	t-ratio	p-value						
	coefficient	std. error	t-ratio	p-value						
const	788,661	686,069.2	1.150	0.25328						
HDD14	899	169.3	5.309	0.00000						
CDD16	3,716	385.6	9.635	0.00000						
Fall	135,311	50,967.0	2.655	0.00933						
AdjWindsor_FTE	8,461	4,069.5	2.079	0.04037						
Statistics based on the	e rho-differenced	data								
Mean dependent var	2,630,298	S.D. dependent var	323,420							
Sum squared resid	2.95E+12	S.E. of regression	1.78E+05							
R-squared	0.71005	Adjusted R-squared	0.69758							
F(4, 93)	33.875	P-value(F)	0.00000							
rho	(0.168)	Durbin-Watson	2.3280							

Table 15 Embedded Distributor Regression Model

Using the above model coefficients we derive the following:

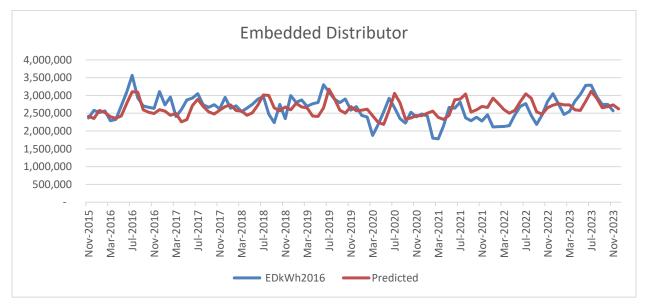


Figure 8 Embedded Distributor Predicted vs Actual observations

Annual estimates using actual weather are compared to actual values in the table below. Mean absolute percentage error (MAPE) for annual estimates for the period is 6.4%. The MAPE calculated monthly over the period is 7.9%.

	Embedded Distributor						
	Consumption	Predicted	Error (%)				
2014	38,058,829						
2015	38,655,618						
2016	32,586,842	31,460,057	3.5%				
2017	33,420,007	30,654,663	8.3%				
2018	31,923,241	32,062,078	0.4%				
2019	34,526,385	32,025,427	7.2%				
2020	29,188,687	30,074,723	3.0%				
2021	28,075,683	31,518,034	12.3%				
2022	28,792,570	32,560,969	13.1%				
2023	34,284,228	32,990,285	3.8%				
Total	329,512,090	253,346,236	23.1%				
Mean Absolute	Percentage Error	(Annual)	6.4%				
	Percentage Error	(Monthly)	7.9%				
Table 16 Embedded D	istributor model error						

WEATHER NORMALIZATION AND ECONOMIC FORECAST

It is not possible to accurately forecast weather for months or years in advance. Therefore, future weather expectations can be based only on what has happened in the past. Individual years may experience unusual spells of weather (unusually cold winter, unusually warm summer, etc.). However, over time, these unusual spells "average" out. While there may be trends over several years (e.g., warmer winters for example), using several years of data rather than one particular year filters out the extremes of any particular year. While there are several different approaches to determining an appropriate weather normal, EPL has adopted the most recent 10-year monthly degree day average as the definition of weather normal.

3.1 10-YEAR AVERAGE

The table below displays the most recent 10-year average of heating degree days and cooling degree days for a number of temperature thresholds based on temperatures reported by Environment Canada for Windsor A Climate, which is used as the weather station for FPL.

In a few instances in the 2014 to 2023 period, daily Windsor A Climate data was not available. If data was not available from the Windsor Climate weather station, data from the Windsor CS weather station was used.

	8°	,C	10	°C	12	°C	14	°C	16	°C	18	3°C	20	°C
	<u>HDD</u>	<u>CDD</u>												
January	361	0	423	0	485	0	547	0	609	0	671	0	733	0
February	316	2	371	1	426	0	483	0	539	0	596	0	652	0
March	195	9	252	4	312	1	373	0	434	0	496	0	558	0
April	54	59	90	34	134	18	184	9	239	3	296	1	356	0
May	3	227	11	173	25	125	47	85	78	53	117	30	164	16
June	0	382	0	322	0	262	0	203	3	145	11	93	30	53
July	0	459	0	397	0	335	0	273	0	211	1	150	6	93
August	0	431	0	369	0	307	0	245	1	184	3	124	11	71
September	0	313	0	253	1	194	6	139	18	91	39	52	73	26
October	14	139	33	96	62	63	100	38	144	20	195	10	251	3
November	129	25	177	13	230	6	286	2	345	1	404	0	464	0
December	226	3	286	1	348	0	410	0	472	0	534	0	596	0

Table 17 - 10 Year Average HDD and CDD

HDD and CDD values used in this forecast are bolded in the table above..

3.2 ECONOMIC FORECAST

GDP and employment forecasts are based on the mean forecasts of four major Canadian banks TD, BMO, Scotiabank, RBC as of September March 2024. Average forecast rates are applied to the most recent GDP and Labour Force Survey monthly data available.

Report Date	TD 19-Dec-23	BMO 08-Mar-24	Scotia 06-Feb-24	RBC 12-Dec-23	Average
FTE (Employm	nent growth %	YoY)			
2023	2.5%	2.4%	2.4%	2.4%	2.43%
2024	0.3%	1.2%	1.5%	0.8%	0.95%
2025	1.1%	2.1%	1.7%	1.8%	1.68%
GDP (Real GD	<u> </u>				
2021	1.1%	1.3%	1.3%	1.1%	1.20%
2022	0.3%	1.0%	0.9%	0.2%	0.60%
2023	1.5%	2.3%	2.1%	2.3%	2.05%

Table 18 Economic Forecasts

For example, the 2024 forecast FTE growth rate, 0.95%, is applied to the number of January 2023 FTEs to forecast the number of FTEs in January 2024. The January 2025 FTE forecast is then determined by applying 1.68%, the 2025 FTE forecast growth rate, to the January 2024 forecast.

4 CLASS SPECIFIC NORMALIZED FORECASTS

4.1 RESIDENTIAL

Incorporating the forecast economic variables, 10-year weather normal heating and cooling degree days, and calendar variables, the following weather corrected consumption and forecast values are calculated:

Residential kWh						
		Cumulative			Cumulative	
		Persisting	Actual No	Normalized	Persisting	
Year	Actual	CDM	CDM	No CDM	CDM	Normalized
	Α	В	C = A + B	D	E = B	F = D - E
2014	245,551,953	2,791,930	248,343,883	254,117,717	2,791,930	251,325,787
2015	244,757,238	4,020,537	248,777,775	251,844,275	4,020,537	247,823,738
2016	255,390,423	6,339,606	261,730,029	255,298,027	6,339,606	248,958,420
2017	240,232,071	11,183,453	251,415,524	256,459,163	11,183,453	245,275,711
2018	259,974,120	13,682,007	273,656,127	263,883,736	13,682,007	250,201,729
2019	252,809,094	14,436,310	267,245,404	268,253,886	14,436,310	253,817,576
2020	271,898,869	14,206,749	286,105,618	285,753,248	14,206,749	271,546,499
2021	277,378,582	13,975,132	291,353,714	285,160,668	13,975,132	271,185,537
2022	272,607,146	14,027,345	286,634,491	282,855,068	14,027,345	268,827,723
2023	259,000,634	14,161,672	273,162,305	283,901,209	14,161,672	269,739,537
2024				286,875,733	14,080,909	272,794,824
2025				289,246,553	13,876,356	275,370,197

Table 19 Actual vs Normalized Residential kWh

Additional loads, as described further in Section 6 below, to account for increased loads from electric vehicles and heat pumps are forecast and added to the weather normalized forecasts for 2024 and 2025. These loads are from emerging technologies so they wouldn't be reflected in a forecast based only on historic loads.

	Normalized Forecast	Additional Loads	Total kWh Forecast
2024	272,794,824	4,184,832	276,979,656
2025	275,370,197	10,569,331	285,939,528

Table 20 Additional Residential kWh Consumption

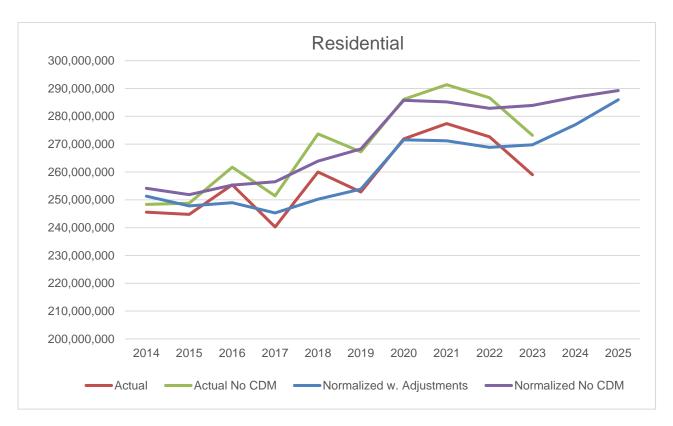


Figure 9 Actual vs Normalized Residential kWh

Note that the vertical intercept does not begin at 0 in any figure in this section. While Residential customer counts are not a component of the regression model, they are forecasted for the purpose of rate setting. The Geometric mean of the annual growth from 2014 to 2023 was used to forecast the growth rate from 2023 to 2025.

Re	esidential	Percent of
Year	Customers	Prior Year
2014	26,590	
2015	26,815	100.85%
2016	26,920	100.39%
2017	27,321	101.49%
2018	27,640	101.17%
2019	27,932	101.05%
2020	28,265	101.19%
2021	28,512	100.87%
2022	28,745	100.82%
2023	28,912	100.58%
2024	29,181.6	100.93%
2025	29,454.3	100.93%

Table 21 Forecasted Residential Customer Count

4.2 GS < 50

Incorporating the forecast economic variables, 10-yr weather normal heating and cooling degree days, and calendar variables, the following weather corrected consumption and forecast values are calculated:

			GS < 50 kWh			
		Cumulative			Cumulative	
		Persisting	Actual No	Normalized	Persisting	
Year	Actual	CDM	CDM	No CDM	CDM	Normalized
	Α	В	C = A + B	D	E = B	F = D - E
2014	65,242,009	2,619,589	67,861,598	68,141,080	2,619,589	65,521,492
2015	65,329,578	6,650,379	71,979,957	72,174,254	6,650,379	65,523,875
2016	66,808,994	10,890,075	77,699,069	77,053,838	10,890,075	66,163,763
2017	65,115,315	12,101,008	77,216,323	77,894,793	12,101,008	65,793,785
2018	66,321,666	13,307,245	79,628,911	78,344,761	13,307,245	65,037,517
2019	65,058,987	13,653,732	78,712,719	78,753,034	13,653,732	65,099,302
2020	60,802,781	13,601,691	74,404,472	74,691,042	13,601,691	61,089,352
2021	62,043,606	13,632,263	75,675,869	75,158,022	13,632,263	61,525,759
2022	67,628,825	14,012,908	81,641,733	81,176,805	14,012,908	67,163,897
2023	63,293,408	14,365,508	77,658,916	79,091,938	14,365,508	64,726,429
2024				81,659,851	13,227,924	68,431,927
2025				82,793,710	12,219,319	70,574,391

Table 22 Actual vs Normalized GS < 50 kWh

Additional loads, as described further in Section 6 below, to account for increased loads from electric vehicles and heat pumps are forecast and added to the weather normalized forecasts for 2024 and 2025. These loads are from emerging technologies so they wouldn't be reflected in a forecast based only on historic loads.

	Normalized Forecast	Additional Loads	Total kWh Forecast
2024	68,431,927	1,052,792	69,484,720
2025	70,574,391	2,732,775	73,307,166

Table 23 Additional GS<50 kWh Consumption

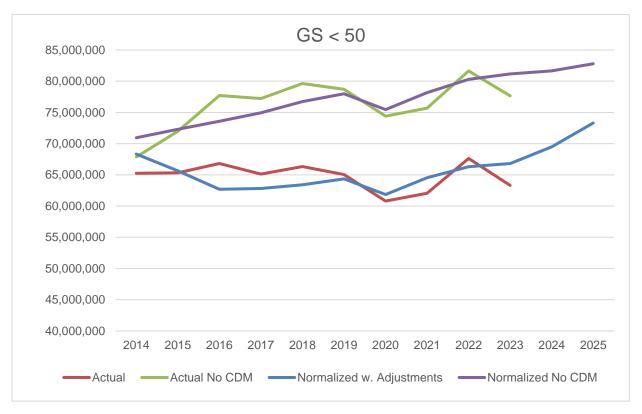


Figure 10 Actual vs Normalized GS<50 kWh

While GS < 50 customer counts are not a component of the regression model, they are forecasted for the purpose of rate setting. The Geometric mean of the annual growth from 2014 to 2023 was used to forecast the growth rate from 2023 to 2025.

The following table includes the customer Actual / Forecast customer count on this basis:

GS	< 50	Percent of
Year	Customers	Prior Year
2014	1,910	
2015	1,936	101.36%
2016	1,934	99.89%
2017	1,966	101.66%
2018	1,979	100.67%
2019	1,996	100.88%
2020	2,018	101.08%
2021	2,040	101.08%
2022	2,065	101.25%
2023	2,062	99.86%
2024	2,079.9	100.86%
2025	2,097.8	100.86%

Table 24 Forecasted GS<50 Customer Count

4.3 GS > 50

Incorporating the 10-yr weather normal heating and cooling degree days, and calendar variables, the following weather corrected consumption and forecast values are calculated:

			GS < 50	kWh		
		Cumulative			Cumulative	
		Persisting	Actual No	Normalized	Persisting	
Yea	r Actual	CDM	CDM	No CDM	CDM	Normalized
	Α	В	C = A + B	D	E = B	F = D - E
2014	167,236,927	2,877,072	170,113,999	170,843,649	2,877,072	167,966,577
2015	5 171,977,957	7,268,299	179,246,256	179,448,112	7,268,299	172,179,813
2016	187,031,606	11,671,356	198,702,962	197,274,518	11,671,356	185,603,162
2017	7 166,511,229	12,992,238	179,503,467	180,781,056	12,992,238	167,788,818
2018	3 171,089,785	14,215,346	185,305,131	182,576,695	14,215,346	168,361,349
2019	180,918,659	14,481,712	195,400,371	195,648,077	14,481,712	181,166,364
2020	171,481,742	14,426,621	185,908,363	186,834,010	14,426,621	172,407,390
2021	178,461,520	14,781,464	193,242,984	192,007,840	14,781,464	177,226,377
2022	183,800,048	15,480,347	199,280,395	198,254,125	15,480,347	182,773,778
2023	183,420,703	17,991,525	201,412,228	204,448,073	17,991,525	186,456,547
2024	1			203,702,781	16,934,709	186,768,072
2025	5			207,132,515	15,480,380	191,652,135

Table 25 Actual vs Normalized GS>50 kWh

Additional loads, as described further in Section 6 below, to account for known customer expansions, increased loads from electric vehicles, and heat pumps are forecast and added to the weather normalized forecasts for 2024 and 2025. These loads are from emerging technologies so they wouldn't be reflected in a forecast based only on historic loads.

	Normalized Forecast	Additional Loads	Total kWh Forecast
2024	186,768,072	3,542,341	190,310,413
2025	191,652,135	17,557,806	209,209,941

Table 26 Additional GS>50 kWh Consumption

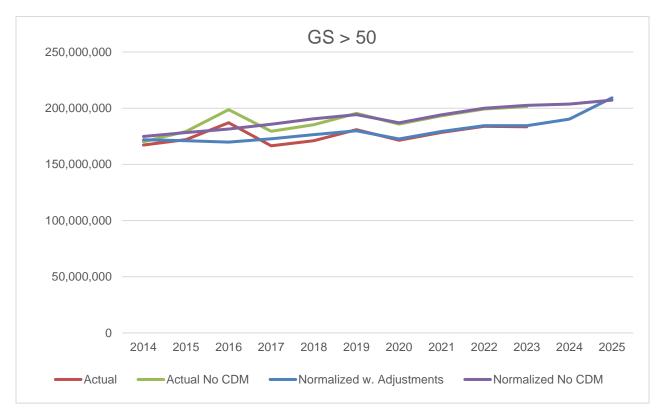


Figure 11 Actual vs Normalized GS>50 kWh

The Geometric mean of the annual growth from 2014 to 2023 was used to forecast the customer count growth rate from 2023 to 2025.

The following table includes the customer Actual / Forecast customer count on this basis:

G	SS > 50	Percent of
Year	Customers	Prior Year
2014	212	
2015	212	99.84%
2016	255	120.00%
2017	250	98.23%
2018	249	99.70%
2019	262	104.91%
2020	256	98.02%
2021	234	91.38%
2022	210	89.68%
2023	230	109.64%
2024	232.4	100.90%
2025	234.5	100.90%

Table 27 Forecasted GS>50 Customer Count

In order to normalize and forecast class kW for those classes that bill based on kW (demand) billing determinants, the relationship between billed kW and kWh is used. The ratio is calculated as the 5-year average kW/kWh ratio from 2019-2023. A 10-year average was considered, however, the kW/kWh ratio changed materially from the 2014-2016 period to the 2019-2023 period. From 2014 to 2023, class consumption increased by 10% and billed demands increased by 42%. Over the shorter 5-year time period, consumption increased by 1% and billed demands declined by 4%. This narrower divergence in the 5-year time frame is used because it better reflects recent ratios. Additionally, the 10-year average would produce a ratio that is lower than any year since 2016.

		GS > 50					
	kWh	kW	Ratio				
	Α	В	C = B / A				
2014	167,236,927	400,144	0.002393				
2015	171,977,957	463,529	0.002695				
2016	187,031,606	476,120	0.002546				
2017	166,511,229	499,500	0.003000				
2018	171,089,785	536,823	0.003138				
2019	180,918,659	592,797	0.003277				
2020	171,481,742	580,474	0.003385				
2021	178,461,520	574,683	0.003220				
2022	183,800,048	592,472	0.003223				
2023	183,420,703	566,315	0.003088				
	kWh	kW		Additional			
	Normalized	Normalized	Average	Load	Total		
	E	F = E * G	G	Н	I = E + H		
2022	186,768,072	604,861	0.003239	24,263	629,123		
2023	191,652,135	620,678	0.003239	115,392	736,070		
Table 28 I	Table 28 Forecasted GS>50 kW						

Additional billed demand loads are calculated separately as described in Section 6.

4.4 EMBEDDED DISTRIBUTOR

Incorporating the forecast economic variables, 10-yr weather normal cooling degree days, and calendar variables, the following weather corrected consumption and forecast values are calculated:

Embedded Distributor kWh

Year	Actual	Normalized
	Α	В
2014	38,058,829	38,157,206
2015	38,655,618	38,755,215
2016	32,586,842	32,297,160
2017	33,420,007	33,791,890
2018	31,923,241	31,265,051
2019	34,526,385	34,523,313
2020	29,188,687	29,289,377
2021	28,075,683	27,854,088
2022	28,792,570	28,546,691
2023	34,284,228	35,032,100
2024		33,920,392
2025		34,244,754

Table 29 Actual vs Normalized Embedded Distributor

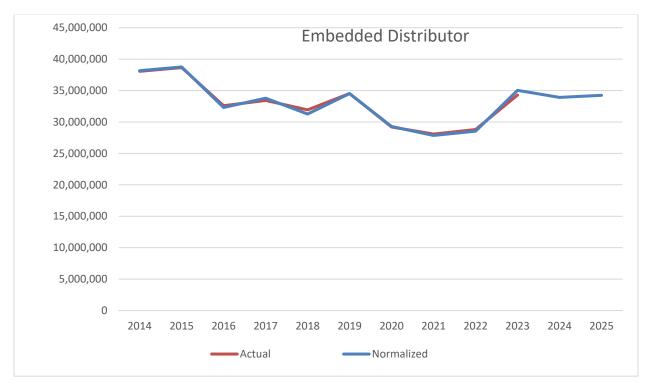


Figure 12 Actual vs Normalized Embedded Distributor

The class had six customer accounts in 2014 and most of 2015, followed by some fluctuations in 2016 to 2018 until it reached 4 customers in 2019. There have been 4 customers in the class from 2019 to 2023 so EPL expects the count to remain at 4 through to 2025..

The following table includes the customer Actual / Forecast customer count on this basis:

	nbedded stributor	Percent of
Year	Customers	Prior Year
2014	6.0	
2015	5.7	94.44%
2016	3.0	52.94%
2017	4.1	136.11%
2018	4.8	116.33%
2019	4.0	84.21%
2020	4.0	100.00%
2021	4.0	100.00%
2022	4.0	100.00%
2023	4.0	100.00%
2024	4.0	95.59%
2025	4.0	95.59%

Table 30 Forecasted Embedded Distributor Customer Count

In order to normalize and forecast class kW for those classes that bill based on kW (demand) billing determinants, the relationship between billed kW and kWh is used. The kW to kWh ratio has fluctuated significantly over the last ten years. The ratios over the 2014-2023 period are provided below.

	Embedded Distributor					
	kWh	kW	Ratio			
	Α	В	C = B / A			
2014	38,058,829	84,453	0.002219			
2015	38,655,618	106,797	0.002763			
2016	32,586,842	87,829	0.002695			
2017	33,420,007	87,518	0.002619			
2018	31,923,241	96,861	0.003034			
2019	34,526,385	94,142	0.002727			
2020	29,188,687	92,507	0.003169			
2021	28,075,683	89,242	0.003179			
2022	28,792,570	83,614	0.002904			
2023	34,284,228	90,976	0.002654			
	kWh	kW				
	Normalized	Normalized	Average			
	Е	F = E * G	G			
2024	33,920,392	90,011	0.002654			
2025	34,244,754	90,871	0.002654			
Table 31 F	orecasted Embedd	ed Distributor				

The ratio in 2023 has been used as the forecast ratio for 2024 and 2025.

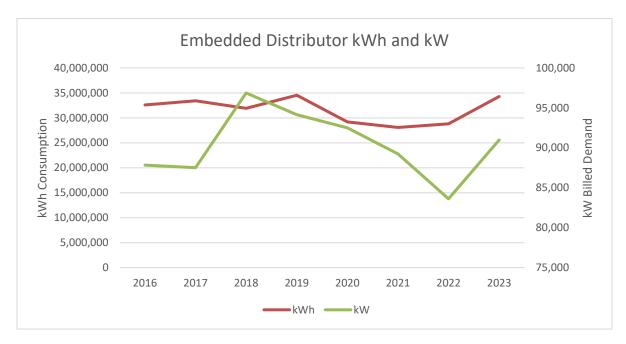


Figure 13 Embedded Distributor kWh and kW

5 STREET LIGHT, SENTINEL LIGHT, AND USL FORECAST

The Street Lighting, Sentinel Light, and Unmetered Scattered Load classes are non-weather sensitive classes. Connection counts are forecasted on the geometric mean growth rate from 2014 to 2023 for the Street Lighting class and the growth rate from 2019 to 2023 for the Sentinel Lighting and USL classes. Energy volumes for these classes are forecasted on the basis of average energy per device.

5.1 STREET LIGHT

The table below summarizes the historic and forecast annual energy consumption for the Street Light class. EPL underwent a gradual LED conversion from 2015 to 2021, which saw a 62% reduction in consumption per device. The 2023 average consumption per device is used as the average consumption per device in 2024 and 202.

	S	Streetlight kWh		
			Average /	
Year	Actual	Devices	Device	Normalized
	Α	В	C = A / B	D = C * B
2014	6,286,758	2,713	2,317	6,286,758
2015	6,227,064	2,701	2,306	6,227,064
2016	4,268,689	2,720	1,569	4,268,689
2017	2,875,901	2,753	1,045	2,875,901
2018	2,887,551	2,761	1,046	2,887,551
2019	2,576,355	2,770	930	2,576,355

2020	2.455.697	2.777	884	2.455.697
	,,	2,111	004	2,433,037
2021	2,444,025	2,785	878	2,444,025
2022	2,406,027	2,793	861	2,406,027
2023	2,415,233	2,807	860	2,415,233
2024		2,818	860	2,424,399
2025		2,828	860	2,433,601

Table 32 Street Light Consumption Forecast

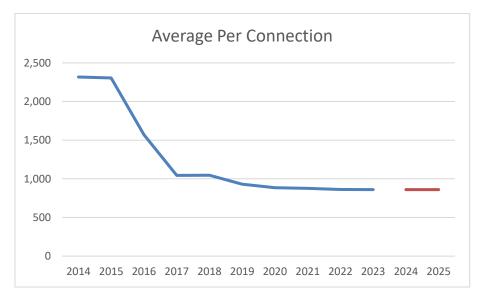


Figure 14 Street Light kWh per Luminaire Device

This declining consumption is somewhat offset by an increasing device count, as reflected in column D of Table 32 and detailed in the following table. The Geometric mean of the annual growth from 2014 to 2023 was used to forecast the growth rate from 2023 to 2025.

Street Light	Devices	Percent of Prior Year
Year		
2014	2,713	
2015	2,701	99.55%
2016	2,720	100.71%
2017	2,753	101.23%
2018	2,761	100.27%
2019	2,770	100.33%
2020	2,777	100.26%
2021	2,785	100.26%
2022	2,793	100.31%
2023	2,807	100.49%
2024	2,817.6	100.38%
2025	2,828.3	100.38%

Table 33 Forecasted Street Light Device Count

The 5-year average of the ratio from 2019 to 2023 is applied to normalized consumption to forecast kW demand.

	(Street Lights	
	kWh	kW	Ratio
	Α	В	C = B / A
2014	6,286,758	15,873	0.002525
2015	6,227,064	18,022	0.002894
2016	4,268,689	13,492	0.003161
2017	2,875,901	8,732	0.003036
2018	2,887,551	8,746	0.003029
2019	2,576,355	7,846	0.003045
2020	2,455,697	7,413	0.003019
2021	2,444,025	7,398	0.003027
2022	2,406,027	7,289	0.003029
2023	2,415,233	7,310	0.003027
	kWh Normalized	kW Normalized	Average
	E	F = E * G	G
2024	2,424,399	7,345	0.003029
2025	2,433,601	7,372	0.003029

Table 34 Forecasted Street Light kW

5.2 **SENTINEL LIGHTING**

The table below summarizes the historic and forecast annual energy consumption for the Sentinel Lighting class. Consumption per Sentinel Lighting device declined in the 2014 to 2017 period, though not to the same extent as Street Lights. The 2023 average consumption per device is used as the average consumption per device in 2024 and 2025.

	;	Sentinel Lighting I	kWh	
			Average /	
Year	Actual	Devices	Device	Normalized
	Α	В	C = A / B	D = C * B
2014	350,518	172	2,034	350,518
2015	341,134	174	1,961	341,134
2016	335,758	181	1,855	335,758
2017	304,470	253	1,201	304,470
2018	293,755	243	1,211	293,755
2019	285,985	235	1,215	285,985
2020	281,018	228	1,232	281,018
2021	278,297	228	1,221	278,297
2022	271,670	227	1,199	271,670
2023	269,986	222	1,215	269,986
2024		219	1,215	266,130
2025		216	1,215	262,328

Table 35 Sentinel Lighting Consumption Forecast

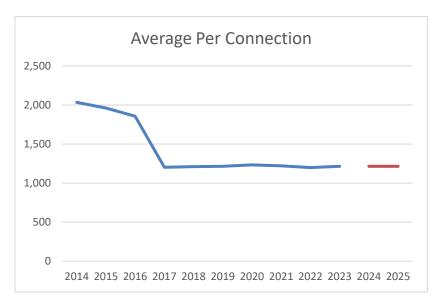


Figure 15 Sentinel Lighting kWh per Device

The Geometric mean of the annual growth from 2019 to 2023 was used to forecast the growth rate from 2023 to 2025.

Sentinel Lighting	Devices	Percent of Prior Year
Year		
2014	172	
2015	174	100.97%
2016	181	104.02%
2017	253	140.01%
2018	243	95.73%
2019	235	97.05%
2020	228	96.88%
2021	228	99.96%
2022	227	99.42%
2023	222	98.05%
2024	219.1	98.57%
2025	215.9	98.57%

Table 36 Forecasted Sentinel Lighting Device Count

In order to normalize and forecast class kW for those classes that bill based on kW (demand) billing determinants, the relationship between billed kW and kWh is used. The 5-year average kW/kWh ratio from 2019-2023 was used because the ratio has changed

over 10 years, so a shorter time frame was used. The ratio increased from 0.002499 in 2014 to 0.002727 in 2023 and the 5-year average is more aligned with recent ratios.

	Sei	ntinel Lighting	S
	kWh	kW	Ratio
	Α	В	C = B / A
2014	350,518	876	0.002499
2015	341,134	878	0.002574
2016	335,758	868	0.002585
2017	304,470	852	0.002798
2018	293,755	815	0.002774
2019	285,985	781	0.002731
2020	281,018	767	0.002729
2021	278,297	759	0.002727
2022	271,670	744	0.002739
2023	269,986	736	0.002727
	kWh Normalized	kW Normalized	Average
	Е	F = E * G	G
2024	266,130	727	0.002731
2025	262,328	716	0.002731

Table 37 Forecasted Sentinel Lighting kW

5.3 <u>USL</u>

The following table summarizes historic and forecast annual energy consumption for EPL's USL class. Consumption in 2024 and 2025 has been forecasted based on 2023 consumption per connection and 2023 connection counts.

	USL					
			Average /	Normal		
Year	Actual	Conn.	Connection	Forecast		
	Α	В	C = A / B	D = C * B		
2014	1,555,546	140	11,124	1,555,546		
2015	1,558,152	141	11,051	1,558,152		
2016	1,554,368	139	11,176	1,554,368		
2017	1,549,260	132	11,737	1,549,260		
2018	1,547,236	131	11,803	1,547,236		
2019	1,541,978	130	11,900	1,541,978		
2020	1,442,699	126	11,465	1,442,699		
2021	1,408,704	125	11,270	1,408,704		
2022	1,408,704	125	11,270	1,408,704		
2023	1,408,699	125	11,270	1,408,699		
2024		124	11,270	1,396,074		
2025		123	11,270	1,383,562		
Table 38 U	JSL Consumption	on Forecas	t			

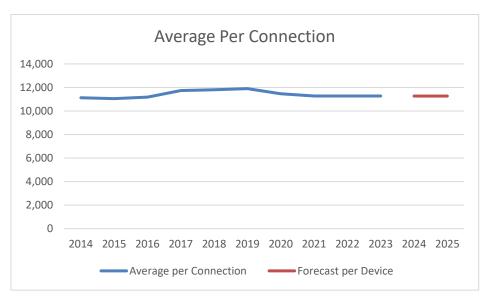


Figure 16 USL kWh per Device

The number of USL devices had decreased slightly over that past 10 years and this trend is forecast to continue to 2025

USL		Percent of
Year	Devices	Prior Year
2014	140	
2015	141	100.83%
2016	139	98.64%
2017	132	94.91%
2018	131	99.31%
2019	130	98.86%
2020	126	97.11%
2021	125	99.34%
2022	125	100.00%
2023	125	100.00%
2024	123.9	99.10%
2025	122.8	99.10%

Table 39 Forecasted USL Devices

6 ADDITIONAL LOADS

EPL's loads are expected to increase above what would be forecast using only weathernormalized historic averages and trends from increased electrification and known customer expansions. These loads are estimated using a bottom-up approach in which the specific sources of incremental loads are forecast separately and layered onto the top-down forecast that is based on historic loads.

6.1 ELECTRIC VEHICLES

Electric vehicle consumption is forecast based on Canada's zero-emission vehicle sales target to reach 20% by 2026, estimated consumption per type of EV, EV statistics from Statistics Canada, and population data from the 2016 and 2021 Canadian Census. The data from Statistics Canada includes the total number of EVs sold in Amherstburg, LaSalle, Leamington, and Tecumseh, and the number of EVs sold in Ontario by type of vehicle.

Statistics Canada provides data for the total number of zero-emission vehicles by municipality, but this data does not provide a breakdown between type of vehicle at the municipal level. This data by type of vehicle is available at the provincial level so it is assumed that the number of the number of each type of EV as a share of total EVs in Ontario is the same as the share in Essex's service area.

The total number of EVs in Essex and the number of EVs in Ontario by type are provided in the table below.

	2017	2018	2019	2020	2021	2022	2023	
Essex New EVs	52	69	36	52	110	211	276	Α
ON New EVs	8,180	16,758	9,762	10,515	19,726	38,655	49,803	В
Essex % of ON EVs	0.64%	0.41%	0.37%	0.49%	0.56%	0.55%	0.55%	C = A / B
EVs by Type in Onta	rio							
Passenger EVs	6,191	12,828	7,124	5,699	8,035	13,160	10,992	D
Multi-Purp. EVs	1,467	3,055	2,546	4,681	11,410	23,927	35,877	Е
Vans EVs	522	875	92	135	281	695	1,126	F
Pickup Truck EVs	1	1	-	1	-	873	1,808	G
EV Types as % of To	tal EVs							
Passenger EVs	75.7%	76.5%	73.0%	54.2%	40.7%	34.0%	22.1%	H = D/B
Multi-Purp. EVs	17.9%	18.2%	26.1%	44.5%	57.8%	61.9%	72.0%	I = E / B
Vans EVs	6.4%	5.2%	0.9%	1.3%	1.4%	1.8%	2.3%	J = F / B
Pickup Truck EVs	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	3.6%	K = G/B

Table 40 Ontario and Essex EV Statistics

These values are used to estimate the number of EVs by type in Essex's service territory based on the actual total number of EVs. Are Passenger EVs and Multi-Purpose Vehicle EVs, which are SUVs and crossovers, are combined. Those vehicle types are assumed to have the same annual consumption. The share of Passenger and Multi-Purpose Vehicles have each changed significantly over the past seven years, but jointly the share has been reasonably consistent over time.

	2017	2018	2019	2020	2021	2022	2023	
New Vehicles in Essex								
Total (Actual)	52	69	36	52	110	211	276	L = A
Passenger & Multi-Purpose EVs	49	65	36	51	108	202	260	M = L * (H + I)
Van EVs	3	4	0	1	2	4	6	N = L * J
Pickup Truck EVs	-	-	-	-	-	5	10	O = L * K

Table 41 Estimate of Essex EVs by Type

The total number of EVs in Essex in the bridge and test years is forecast based on the number of vehicles sold in Ontario, the share of Ontario EVs sold in Essex, and the target number of EVs sold in Canada. The most recent actual year is included as a reference and 2026 is included to show the trajectory to 2026, which is the next year with a specific EV sales target.

	2023	2024	2025	2026	
All Vehicles in Ontario	677,031	699,326	699,326	699,326	Р
New EV Target	7.4%	11.6%	15.8%	20.0%	Q
Essex % of ON EVs	0.55%	0.55%	0.66%	0.77%	R
Total New Essex EVs	276	621	848	1,074	S = P * Q * R
Passenger & Multi-Purp.	260	585	798	1,011	T = S * (H + I)
Van	6	14	19	24	U = S * J
Pickup Truck	10	23	31	39	V = S * K

Table 42 Forecast of EVs Essex EVs by Type 2023-2026

Table 43 provides a summary of the assumptions used to forecast EV sales in Essex.

Metric	Basis of 2024/2025 Forecast
All Vehicles in Ontario	Average 2017-2023
New EV Target	Trajectory to 2026 Target
	2024 equal to 2022/2023 share
Essex % of ON EVs	2025 midpoint between 2024 and 2025
	2026 Essex share of Ontario population
Total New Essex EVs	Total vehicles times share of EVs times Essex share of EVs
Passenger & Multi-Purp.	Total Essex EVs times 2023 share of vehicle type
Van	Total Essex EVs times 2023 share of vehicle type
Pickup Truck	Total Essex EVs times 2023 share of vehicle type

Table 43 Basis of Forecast Elements

The total number of total Ontario vehicle sales as fluctuated in recent years, primarily due to COVID-19 and associated supply chain issues. The number of vehicles sold in 2024 and 2025 is assumed to be the average of the number of vehicles sold from 2017 to 2023. There are no specific targets for 2024 and 2025 so EV sales as a share of total vehicle sales targets are equal annual increases (4.2%/year) from the actual 7.4% to the 20% 2026 target. The share of total Ontario EVs sold in Essex is first based on the actual share

of 0.55% in 2022 and 2023 persisting to 2024. The forecast share of EVs in Essex beginning in 2026 is assumed to be its share of the total Ontario population, as per 2016 and 2021 censuses (0.77%). The share in 2025 is forecast to be the midpoint the 2024 and 2025 forecast (0.66%). The total number of EVs sold in Essex in each year is calculated as the total number of vehicles sold in Ontario multiplied by the target share of EVs sold multiplied by Essex's share of total EVs. The number of EVs in Essex by type is based on the Ontario proportion of EVs by type from Table 40.

Calculations for the average consumption per type of vehicle is provided in Table 44. The average distance is based on the 20,000km figure used by NRCan in its Fuel Consumption Guides.⁷ The average efficiency per type of vehicle is based on a review of efficiency ratings from NRCan's Fuel Consumption Guides and Plug n' Drive's summary of EVs available in Canada.

	Avg. Distance	Avg. Efficiency	Total Consumption per Vehicle
	km	kWh/100 km	kWh
Passenger	20,000	20	4,000
Multi-purpose vehicles	20,000	20	4,000
Van	20,000	25	5,000
Pickup Truck	20,000	30	6,000

Table 44 Consumption by EV Type

Cumulative and incremental kWh from EVs are calculated based on the number of EVs multiplied by the average consumption per vehicle. A half-year adjustment is included for new vehicles.

⁷ https://natural-resources.canada.ca/sites/nrcan/files/files/pdf/2024 Fuel Consumption Guide.pdf Please note that Statistics Canada no longer tracks these figures.

	2023	2024	2025	2026	
Pass. & MP EVs	260	585	798	1,011	Α
Cumulative EVs	772	1,356	2,154	3,165	В
Cumulative kWh	2,567,265	4,256,252	7,021,257	10,638,249	$C = (B^{t-1} + A/2) * 4,000$
Incremental kWh		1,688,987	2,765,006	3,616,991	$D = C - C^{t-1}$
Van EVs	6	14	19	24	Е
Cumulative EVs	19.5	33.6	52.7	77.0	F
Cumulative kWh	82,043	132,765	215,799	324,419	$G = (F^{t-1} + E/2) * 5,000$
Incremental kWh		50,721	83,035	108,620	$H = G - G^{t-1}$
Pickup Truck EVs	10	23	31	39	
Cumulative EVs	15	37	68	107	J
Cumulative kWh	58,651	156,381	316,374	525,665	$K = (J^{t-1} + I/2) * 6,000$
Incremental kWh		97,731	159,993	209,291	L = K - K t-1

Table 45 Forecast EVs and kWh Consumption by EV Type

The allocation of incremental consumption is estimated based on judgement as Essex does not have these details by rate class. The allocations and allocated incremental consumption by EV type to each class is provided in Table 46.

	Į.	Allocatio	ons	2024 kWh			2025 kWh		
	Pass/	Van	Pick-up	Pass/	Van	Pick-up	Pass/	Van	Pick-up
	Multi	vaii	Truck	Multi	vaii	Truck	Multi	van	Truck
Res.	70%	20%	33%	1,182,291	10,144	32,577	2,531,894	21,724	69,764
GS<50	15%	50%	33%	253,348	25,361	32,577	542,549	54,310	69,764
GS>50	15%	30%	33%	253,348	15,216	32,577	542,549	32,586	69,764
Total	100%	100%	100%	1,688,987	50,721	97,731	3,616,991	108,620	209,291

Table 46 Allocations to Rate Classes

Finally, Table 47 provides a summary of EV consumption and demand by rate class. Incremental 2024 consumption is added to class loads in the 2024 bridge year and 2025 incremental loads, plus twice the 2024 incremental load (to account for the half-year rule) is added to class loads in the 2025 test year. Incremental billed demands are forecast using an estimated 20% load factor.

Rate Class	2024 Incremental kWh	2025 Incremental kWh	2025 Incremental + 2024 Full kWh
Residential	1,225,012	2,005,442	4,455,466
GS<50	311,285	509,599	1,132,170
GS>50	301,141	492,992	1,095,275
Total	1,837,439	3,008,033	6,682,910
	2024 Incremental kW	2025 Incremental kW	2025 Incremental + 2024 Full kW
GS>508	2,063	3,377	7,502

Table 47 EV Forecast Summary

6.2 ELECTRIC HEATING

The forecast of additional loads from electric heating are based on assumptions of heating loads of new customers and customer conversions for the Residential and GS<50 kW class and known conversions for the GS>50 kW class.

6.2.1 RESIDENTIAL AND GENERAL SERVICE < 50 KW

Average kWh per Residential and General Service customer are calculated using the consumption of average Enbridge customers multiplied by m³/kWh conversion factors as per Natural Resources Canada.

	Residential	GS<50		
Consumption per Year	1,788	6,955	m ³ /year	Typical Enbridge Customer
Convert m ³ to GJ	0.0343	0.0343	GJ/m ³	From NRCan
Convert GJ to kWh	277	277	kWh/GJ	From NRCan
Convert m ³ to kWh	9.5011	9.5011	kWh/m³	GJ/m³ times kWh/m³
kWh per Customer	16,988	66,080	kWh/Customer	Avg. consumption per year times kWh/m³

Table 48 Heating Consumption per Customer

Residential and GS<50 kW heating loads are forecast for both existing connections and new customers. It is assumed that 0.5% of existing customers will convert from natural gas to electricity heating each year and that 15% of new customers will have electric heating. Annual forecast heating loads for the Residential and GS<50 kW class are provided in Table 49 and Table 50, respectively.

⁸ kW demand = [(kWh consumption / 20% load factor) / 8,760 hours] times 12 months

Residential	2022	2023	2024	2025
Customer Count	28,745	28,912	29,182	29,454
Increase in customers/year	233	166	270	273
Conversions of Existing Connections %	0.5%	0.5%	0.5%	0.5%
New Connections with Electric Heating %	15%	15%	15%	15%
Existing Connections #	143	144	145	146
New Connections #	35	25	41	41
Total Connections	178	169	185	187
kWh/Customer	16,988	16,988	16,988	16,988
Total kWh	3,016,589	2,865,049	3,144,068	3,173,443

Table 49 Residential Heating Summary

GS < 50 kW	2022	2023	2024	2025
Customer Count	2,065	2,062	2,080	2,098
Increase in customers/year	26	(3)	18	18
Conversions of Existing Connections %	0.50%	0.50%	0.50%	0.50%
New Connections with Electric Heating %	15%	15%	15%	15%
Existing Connections #	10	10	10	10
New Connections #	4	1	3	3
Total Connections	14	10	13	13
kWh/Customer	16,988	66,080	66,080	66,080
Total kWh	238,221	682,305	856,604	863,947

Table 50 GS<50 Heating Summary

Rather than apply a half-year adjustment, incremental annual loads are adjusted by relative HDD in each season. This seasonal calculation is detailed below.

Heating Profile						
Month	HDD	HDD %	Seasonal %			
January	609.0	21.1%				
February	539.1	18.7%				
March	434.5	15.1%				
April	238.6	8.3%	66.03%			
May	77.7	2.7%				
June	2.9	0.1%				
July	0.0	0.0%				
August	0.5	0.0%				
September	17.6	0.6%				
October	143.8	5.0%	33.97%			
November	344.6	12.0%				
December	471.8	16.4%				
Total	2,880.0	100.0%	100%			

Table 51 Seasonal Heating Calculation

Consumption from August to December is added in the first year and consumption from January to July is added in the following year. The total Residential heating consumption in 2024, for example, is 66% of 2023 consumption plus 34% of 2024 consumption.

	2023	2024	2025	2026
Residential kWh	2,879,163	3,167,012	3,196,602	
January to July		1,901,233	2,091,312	2,110,851
August to December	977,930	1,075,700	1,085,751	
Seasonally Adj. kWh		2,976,933	3,177,063	
GS < 50 kWh	681,369	804,033	810,926	
January to July		449,937	530,937	535,489
August to December	231,432	273,096	275,437	
Seasonally Adj. kWh		723,033	806,374	

Table 52 Seasonally Adjusted kWh

Table 53 summarizes the additional heating loads added to the forecast for the Residential and GS<50 kW classes. The total amount added to the 2025 forecast is a sum of the 2024 and 2025 incremental loads.

Rate Class	2024 Incremental kWh	2025 Incremental kWh	2025 + 2024 kWh
Residential	2,976,933	3,177,063	6,153,996
GS<50	723,033	806,374	1,529,407
Total	3,699,966	3,983,437	11,383,369

Table 53 Residential and GS<50 Heating Summary

6.2.2 GENERAL SERVICE > 50 KW

There is one known heating conversion from natural gas to electricity among Essex's GS>50 kW customers. The incremental peak heating load of the customer is forecast to be 2,000 kW. As this is the maximum demand that is required in any year an adjustment of 90% is made to reflect the typical maximum billed load in a weather-normal year.

00 50 1111	Maximum billed load in normal		Load	Annualized	2025
GS > 50 kW	Load (kW)	weather year	Factor	kWh	kWh
Amherstburg Customer	2,000	1,800	21.1%	3,334,330	1,132,531

Table 54 GS>50 kW Forecast Consumption

For the purposes of forecasting consumption, the forecast maximum billed load in a normal weather year is multiplied by a load factor of 21.1%, which is equal to the share of HDD in January, and multiplied by the number of hours in a year. The customer is forecast to complete the conversion in fall 2025 so annual consumption is multiplied by the average share of HDD in September to December.

Table 55 calculates the forecast billed kW for this customer. The customer is forecast to have a peak demand of 1,800 kW in a typical January with 609 HDD and peak demands are prorated in each other month based on the month's share of total HDD. Forecast billed kW in the test year is the sum of these demands.

	HDD	HDD %	kW	
January	609.0	21.1%	1,800.0	
February	539.1	18.7%	1,593.4	
March	434.5	15.1%	1,284.1	
April	238.6	8.3%	705.3	
May	77.7	2.7%	229.6	
June	2.9	0.1%	8.4	
July	0.0	0.0%	0.1	
August	0.5	0.0%	1.5	
September	17.6	0.6%	51.9	
October	143.8	5.0%	425.1	Fall
November	344.6	12.0%	1,018.4	2025
December	471.8	16.4%	1,394.4	
Total	2,880.0	100.0%	2,889.7	

Table 55 GS>50 kW Forecast Billed kW

6.3 CUSTOMER EXPANSIONS

There are three known large customer expansions in Essex's service territory. The expansions are in Leamington and Amherstburg and are related to greenhouse expansions. The current and expanded loads of these customers are detailed in Table 56.

	Peak Lo	oads (kW)	Billed		
	Current Loads	Expanded Loads	Peak/Billed Ratio	Avg. Monthly Billed Loads	Year
Leamington					
Greenhouse	300	4,000	75%	3,000	2024
Greenhouse	500	2,000	75%	1,500	2024
Amherstburg					
Greenhouse	400	14,000	75%	10,500	2025

Table 56 Customer Expansions Loads

The forecast of increased billed kW is calculated as the difference between average monthly billed loads and current loads, multiplied by 12 months. The precise timing of the customer expansions is not known so a half-year adjustment is made to incremental loads.

		Billed	Half-Year Adj.			
	Current Loads	Expanded Loads	Incremental Monthly Billed Loads	Incremental Annual Billed Loads	2024	2025
2024	800	4,500	3,700	44,400	22,200	44,400
2025	400	10,500	10,100	121,200		60,600
Total	1,200	15,000	13,800	165,600	22,200	105,000

Table 57 Billed kW Customer Expansion Loads

For the purposes of forecasting consumption, incremental kW is applied to a load factor of 20%. Essex does not know the specific load profiles of these customers so the 20% figure is based on judgement and a review of typical greenhouse load factors.

	Con	sumption	Half-Year Adj.		
	Incremental Annual Billed Loads	Load Factor	Incremental kWh	2024	2025
2024	44,400	20%	6,482,400	3,241,200	6,482,400
2025	121,200	20%	17,695,200		8,847,600
Total	165,600		24,177,600	3,241,200	15,330,000

Table 58 kWh Customer Expansion Loads

6.4 ADDITIONAL LOADS SUMMARY

Incremental loads from EVs, heating, and known expansions is summarized in Table 59. For each type of new loads, a half-year rule or seasonal adjustment is made to new loads in 2024 and 2025. The 2025 additional loads include the full year of 2024 savings so the figures for 2025 do not reflect only incremental loads in that year.

		kWh		kV	/
		2024	2025	2024	2025
	Residential	1,225,012	4,455,466		
EVs	GS<50	311,285	1,132,170		
	GS>50	301,141	1,095,275	2,063	7,502
	Total	1,837,439	6,682,910	2,063	7,502
	Residential	2,976,933	6,153,996		
Heating	GS<50	723,033	1,529,407		
	GS>50		1,132,531		2,890
	Total	3,699,966	8,815,934	-	2,890
	Residential				
Customer	GS<50				
Expansions	GS>50	3,241,200	15,330,000	22,200	105,000
	Total	3,241,200	15,330,000	22,200	105,000
	Residential	4,201,945	10,609,462		
Total	GS<50	1,034,318	2,661,577		
	GS>50	3,542,341	17,557,806	24,263	115,392
	Total	8,778,605	30,828,845	24,263	115,392

Table 59 Additional Load Summary

7 CDM ADJUSTMENT TO LOAD FORECAST

On December 20, 2021, the OEB issued a report Conservation and Demand Management Guidelines for Electricity Distributors which provided updated guidance on the role of CDM for rate-regulated LDCs. Based on these guidelines, Elenchus has derived a manual adjustment to the load forecast. CDM programs undertaken as part of the 2021-2024 Conservation and Demand Management framework will put downward pressure on its billing determinants for the General Service < 50 kW, and General Service > 50 kW.

This CDM adjustment has been made to reflect the impact of CDM activities that are expected to be implemented through from 2023 to 2025.

CDM activities have been forecast based on EPL's share of consumption within the province and the IESO's 2021-2024 Conservation and Demand Management Framework. The table below provides a summary of the 2021-2024 Framework and EPL's allocation of savings. CDM savings in 2025 are not available so the savings are assumed to be the same as 2024 savings.

	In year energy savings (GWh)			Est.	EPL		
Program	2021	2022	2023	2024	2025	Share %	Basis for EPL %
Retrofit	322	570	359	560	560	0.41%	% of provincial kWh
Small Business	10	4	20	65	65	0.41%	% of provincial kWh

Energy Performance	16	20	50	54	54	0.41%	% of provincial kWh
Energy Management	1	15	29	96	96	0.41%	% of provincial kWh
Industrial Energy Efficiency	0	0	165	165	165	0.41%	% of provincial kWh
Targeted Greenhouse	0	0	333	333	333	1.00%	Judgement
Local Initiatives	0	61	161	181	181		% of provincial kWh
Residential Demand Response	0	0	3	7	7		
Energy Affordability Program	7	14	49	97	97	0.77%	% of prov. LIM
First Nations Program	1	0	15	16	16		

Table 60 2021-2024 CDM Framework and EPL Allocation

EPL's share of kWh is calculated with OEB Yearbook data as a 5-year average of EPL's Total kWh Supplied divided by the sum of Total kWh Supplied of all Ontario LDCs.

Year	Province kWh	EPL kWh	EPL % Share
2018	132,430,891,804	518,925,520	0.39%
2019	129,776,205,940	538,071,920	0.41%
2020	128,180,478,159	536,185,894	0.42%
2021	129,125,642,652	549,391,694	0.43%
2022	130,831,607,587	555,804,644	0.42%
5-Year Avg.	130,068,965,228	539,675,935	0.41%

Table 61 EPL kWh

EPL's Energy Affordability Program allocation is based on the number of households in Amherstburg, LaSalle, Leamington, and Tecumseh within the Census Family Low-Income Measure as a share of all Ontario households, as per the 2016 and 2021 Censuses. In both years the combined population of Amherstburg, LaSalle, Leamington, and Tecumseh is 0.77% of Ontario's population.

EPL is not aware of any Local Initiatives programs so no share of that program is attributed to EPL.

Total GWh savings figures are then adjusted by the share attributable to EPL, yearly weighting factors, and converted to kWh savings. Total CDM savings attributable to EPL is provided in the following table.

	In year e	In year energy savings (kWh)				
	2023	2024	2025	Total CDM		
Weighting Factor	0.5	1.0	0.5			
Retrofit	744,773	2,323,525	1,161,763	4,230,061		
Small Business	41,492	269,695	134,847	446,034		
Energy Performance	103,729	224,054	112,027	439,810		
Energy Management	60,163	398,319	199,159	657,641		
Industrial Energy Efficiency	342,305	684,610	342,305	1,369,220		
Targeted Greenhouse	1,665,000	3,330,000	1,665,000	6,660,000		
Local Initiatives	-	-	-	-		
Residential Demand						
Response	-	-	-	-		
Energy Affordability Program	188,134	744,859	372,429	1,305,422		
First Nations Program	-	-	-	-		
Total CDM	3,145,595	7,975,062	3,987,531	15,108,188		

Table 62 EPL CDM

Total CDM savings by program are then allocated to EPL's rate classes in proportion to historic allocations for those programs. The percentages below reflect the typical share by class used in LRAMVA workforms. The kW share is used for demand-billed classes to better represent the impact of CDM activities on the class's billing determinants.

Program	Residential	GS < 50 kW	GS > 50 kW
		Allocation %	
Retrofit		50.0%	50.0%
Small Business		80.0%	20.0%
Energy Performance		0.0%	100.0%
Energy Management		0.0%	100.0%
Industrial Energy Efficiency		0.0%	100.0%
Targeted Greenhouse		0.0%	100.0%
Local Initiatives			
Residential Demand Response			
Energy Affordability Program	100%		
First Nations Program			
		CDM By Class	S
Retrofit	-	2,115,030	2,115,030
Small Business	-	356,827	89,207
Energy Performance	-	-	439,810
Energy Management	-	-	657,641
Industrial Energy Efficiency	-	-	1,369,220
Targeted Greenhouse	-	ı	6,660,000
Local Initiatives	-	ı	-
Residential Demand Response	-	ı	-
Energy Affordability Program	1,305,422	-	-
First Nations Program	-	-	-
2021-2024 Savings	1,305,422	2,471,857	11,330,908

Table 63 2021-2024 CDM Framework Adjustments