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September 26, 2016

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

Re: 2017 IRM4 Rates Application
Board File No.: EB-2016-0063

Dear Ms. Walli,

Please find enclosed the 2017 Entegrus Powerlines Inc. ("EPI") 4th Generation IRM Rate Application. By way of this application, EPI seeks Ontario Energy Board ("Board") approval for distribution rates effective May 1, 2017.

In preparing this application, Entegrus utilized the Board's 2017 Rate Generator Model. The basis for the application and associated models are more fully described in the attached Manager's Summary and Application. The application is supported by written evidence that may be amended from time to time, prior to the Board's decision on this Application.

The complete application was submitted today via the Board's web portal in both electronic (i.e. Excel) and PDF form. Further, two hardcopies of the Application have been sent to the Board via courier.

The primary contact for this application is Andrya Eagen, Manager of Regulatory and Reporting. Andrya can be contacted at (519) 352-6300 Ext. 243, or via email at andrya.eagen@entegrus.com. Alternatively, please contact the undersigned.

Entegrus proposes publication of the Notice of Application in the following paid publications:

The Chatham Daily News
138 King Street
Chatham, Ontario N7M 1E3

The Strathroy Age Dispatch
73 Front Street West
Strathroy, Ontario N7G 1X6

Entegrus respectfully requests that this Application be processed by way of written hearing.

If you have any further questions, please do not hesitate to contact us.

Regards,

[Original Signed By]

David Ferguson
VP of Regulatory Human Resources
Phone: 519-352-6300 Ext 558
Email: david.ferguson@entegrus.com

cc: Jim Hogan, President & CEO
Chris Cowell, Chief Financial and Regulatory Officer
Andrya Eagen, Manager of Regulatory & Reporting



2017 IRM4 Rates Application

Application & Evidence
Board File No.: EB-2016-0063
Date Filed: September 26, 2016

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1 LIST OF ATTACHMENTS

- 2 A. May 1, 2016 Approved Tariff Sheet
- 3 B. 2017 IRM Rate Generator Model, Version 1.3, Issued August 25, 2016
- 4 C. EPI IESO Settlement Process
- 5 D. Summary of Previous EPI LRAM and LRAMVA Dispositions
- 6 E. LRAM Report – SMP, Prepared by IndEco Strategic Consulting
- 7 F. LRAMVA Model and Report – CK, Prepared by IndEco Strategic Consulting
- 8 G. LRAMVA Model and Report – SMP, Prepared by IndEco Strategic Consulting
- 9 H. EPI Detailed Bill Impacts
- 10 I. May 1, 2017 Proposed Tariff Sheet
- 11 J. Certificate of Evidence

2 SUMMARY

Entegrus Powerlines Inc. (“EPI”) submits herein a complete application (the “Application”) for proposed distribution and transmission rates effective May 1, 2017.

The Application is prepared in accordance with Board guidelines and directions, including:

- Chapter 3 of the Board’s Filing Requirements for Electricity Rate Applications, dated July 14, 2016 (the “Filing Requirements”);
- Letter from the Board to Licensed Electricity Distributors re: “Process for 2017 Incentive Regulation Mechanism Distribution Rate Applications”, dated July 14, 2016.

This Manager’s Summary is organized as described in the Table of Contents on page 2.

The Application is supported by written evidence that may be amended from time to time, prior to the Board’s final decision on this Application. Key elements included (and not included) in this Application are as follows:

TABLE 1: KEY ELEMENTS OF THIS APPLICATION

Line No.	Description	Included in This Application
1	Z Factor Claim	No
2	Incremental Capital Module Claim	No
3	Advanced Capital Module Claim	No
4	Lost Revenue Adjustment Mechanism ("LRAM") Variance Account Disposition	Yes
5	Rate Harmonization pursuant to a prior OEB decision	No
6	Renewable Generation and/or Smart Grid Adder Request	No
7	Multiple Service Areas with Different Rates	No
8	Migration of customer into or out of Class A (Global Adjustment)	Yes
9	Other	N/A

In reference to Table 1 line numbers (5) and (7) above, EPI notes that approval to harmonize its four legacy rate zones was granted in the EPI 2016 Cost of Service Application (“2016 COS Application”) (EB-2015-0061). EPI further notes that with the expiration of multiple legacy rate riders on April 30, 2017, distribution rates will be fully harmonized effective May 1, 2017.

1 EPI confirms that it transitioned to International Financial Reporting Standards (“IFRS”) on January 1,
2 2015 and filed its 2016 COS Application on the basis of Modified International Financial Reporting
3 Standards (“MIFRS”). The 2016 distribution rates shown in Attachment A reflect the Board Decision and
4 Order dated March 17, 2016.

5 There are no outstanding Board Orders affecting this Application, nor has EPI been previously denied for
6 any amounts included in the account balances of this Application.

7 The persons affected by this Application are the ratepayers of EPI’s distribution business. EPI is
8 proposing that notices related to this Application appear in The Chatham Daily News and The Strathroy
9 Age Dispatch. The Chatham Daily News is a paid daily publication serving the Chatham-Kent community
10 and has an average circulation of approximately 5,400¹ per day. The Strathroy Age Dispatch is a paid
11 weekly publication serving the Strathroy, Mount Brydges, Parkhill, Dutton and Newbury geographic
12 areas. In addition, the Application will be posted on Entegrus’ website at <http://www.entegrus.ca>.

13 EPI respectfully requests that this Application be decided by way of a written hearing.

14 Contact Information for the EPI 2017 IRM Application is as follows:

15 Andrya Eagen
16 Manager of Regulatory & Reporting
17 Phone: 519-352-6300 Ext 243
18 Email: regulatory@entegrus.com

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¹ <http://www.newspaperscanada.ca/daily-newspaper-circulation-data>

3 OVERVIEW – THE EVOLUTION OF ENTEGRUS

Chatham Hydro was the largest predecessor to what is now EPI, and was founded in 1914.

Subsequently, Chatham-Kent Hydro (“CKH”) was formed in 1998 as an amalgamation of eleven former Municipal Electric Utilities (“MEUs”). The amalgamation of the MEUs was part of the municipal amalgamation of approximately twenty-two municipalities and townships into what is now the Municipality of Chatham-Kent.

The former CKH was a local electricity distribution company (OEB Distributor Licence ED-2002-0563) serving the Ontario communities of Blenheim, Bothwell, Chatham, Dresden, Eriau, Merlin, Ridgetown, Thamesville, Tilbury, Wallaceburg, Wheatley, and certain designated land parcels in the Township of Raleigh, known as the Bloomfield Business Park.

On March 24, 2005, CKH’s parent company, the former Chatham-Kent Energy Inc. (“CK Energy”), submitted MAAD application EB-2005-0255 requesting Board approval to acquire all shares of Middlesex Power Distribution Corporation (“MPDC”). At that time, MPDC was a local distribution company (former OEB Distributor Licence ED-2003-0059) servicing the Ontario communities of Strathroy, Mount Brydges and Parkhill.

The Board approved this acquisition in its Decision and Order issued on June 24, 2005. CK Energy’s acquisition of MPDC subsequently closed June 30, 2005.

On October 15, 2008, MPDC submitted MAAD applications EB-2008-0332 and EB-2008-0350 requesting Board approval to acquire all shares of the former Dutton Hydro Limited and the former Newbury Power Inc. and to amalgamate all entities into MPDC. The Board approved these acquisitions and the amalgamation in its Decision and Order issued February 9, 2009. MPDC closed this transaction on April 30, 2009. Subsequently, MPDC served the distribution areas formerly licensed to each of MPDC, Dutton Hydro Limited & Newbury Power Inc. and maintained separate sets of rates for each of these three areas.

On August 31, 2011, CKH applied to the Board for leave to amalgamate MPDC with CK Hydro (MAAD applications EB-2011-0328 and EB-2011-0329). On December 16, 2011, the Board approved the amalgamation, and on January 11, 2012, CKH notified the Board that this transaction was complete. On

1 January 20, 2012, CKH received its amended Licence ED-2002-0563 and notification that the MPDC
2 Licence ED-2003-0059 was cancelled.

3 Subsequently, on January 31, 2012, CKH applied to the Board to amend the company name on its
4 Electricity Distribution Licence (ED-2002-0563) to Entegrus Powerlines Inc. ("EPI"). The Board approved
5 this change and issued an updated Licence on February 24, 2012.

6 On August 28, 2015, EPI filed its comprehensive 2016 COS Application for distribution rates effective
7 May 1, 2016, which also sought harmonization of the four previous rate zones of: (i) Chatham-Kent, (ii)
8 Strathroy, Parkhill & Mt. Brydges, (iii) Dutton and (iv) Newbury. On February 3, 2016, EPI and the parties
9 to the Application submitted a full Settlement Agreement on all matters to the Board for approval.
10 Subsequently, the Board approved this Settlement Agreement in full in its Decision and Order dated
11 March 17, 2016.

12 As of 2016, EPI has approximately 40,600 customers and is ranked approximately 21st in the Province of
13 Ontario in terms of electrical utility size by number of metered customers.

4 PREPARATION OF RATES

EPI has utilized the Board's Rate Generator Model (version 1.3 issued August 25, 2016) for the development of its proposed rates. A copy of the Rate Generator Model has been filed in Live Excel format and a copy can be found in Attachment B of this Application.

4.1 CURRENT TARIFF SCHEDULE

The current 2016 rates (as approved in EB-2015-0061) were pre-populated in the Rate Generator Model by Board Staff. EPI has reviewed these inputs and confirms them to be accurate.

4.2 BILLING DETERMINANTS UTILIZED

4.2.1 ORIGINAL BILLING DETERMINANTS

Table 2 below shows the 2015 billing determinants, as reported in RRR 2.1.5, which were utilized as a basis for this Application.

TABLE 2: 2015 BILLING DETERMINANTS PER RRR

Line No.	Rate Class	Total Metered		Non-RPP	
		kWh	kW	kWh	kW
1	Residential	280,745,450	-	22,660,288	-
2	General Service < 50 kW	111,900,367	-	18,245,892	-
3	General Service > 50 kW	494,980,706	1,285,673	447,350,195	1,152,276
4	Large Use	30,928,749	62,210	30,928,749	62,210
5	Unmetered Scattered Load	1,247,803	-	-	-
6	Sentinel Lighting	398,326	1,106	6,486	-
7	Street Lighting	7,429,834	21,993	7,429,834	21,993
8	Embedded Distributor	-	-	-	-
9	Total	927,631,236	1,370,982	526,621,446	1,236,479

1 **4.2.2 RESTATED BILLING DETERMINANTS**

2 Prior to the 2016 COS Application decision, EPI did not have an Embedded Distributor rate class. Until
3 such time as the Embedded Distributor rate class was approved effective on May 1, 2016, the associated
4 kWh were reported in the General Service > 50 kW rate class and the associated kW were not tracked
5 (as there was no associated demand revenue at the time).

6 Further, the sole customer who previously comprised the Intermediate with Self Generation rate class
7 was categorized in the General Service > 50 kW rate class for 2015 RRR reporting purposes. Effective
8 May 1, 2016, this customer has moved to the Large Use rate class as approved in the EPI 2016 COS
9 Application (EB-2015-0061).

10 Table 3 below shows the reclassification and restatement of the associated 2015 billing determinants to
11 align with the approved May 1, 2016 rate structure.

12 **TABLE 3: 2015 BILLING DETERMINANTS RESTATED**

Line No.	Rate Class	Total Metered		Non-RPP	
		kWh	kW	kWh	kW
1	Residential	280,745,450	-	22,660,288	-
2	General Service < 50 kW	111,900,367	-	18,245,892	-
3	General Service > 50 kW	462,999,618	1,198,843	415,369,108	1,152,276
4	Large Use	58,616,830	149,040	58,616,830	62,210
5	Unmetered Scattered Load	1,247,803	-	-	-
6	Sentinel Lighting	398,326	1,106	6,486	-
7	Street Lighting	7,429,834	21,993	7,429,834	21,993
8	Embedded Distributor *	4,293,007	9,594	4,293,007	9,594
9	Total	927,631,236	1,380,576	526,621,447	1,246,073
10	RRR 2.1.5 Total	927,631,236	1,370,982	526,621,446	1,236,479
11	Variance	0	9,594	1	9,594

* Total kWh reconcile to the total kWh reported in the RRR 2.1.7, total kW increase by 9,594 kW which were not reported in 2015. Please see above for additional details.

13

14 **4.2.3 WHOLESALE MARKET PARTICIPANT BILLING DETERMINANTS**

15 In 2015, EPI had two Wholesale Market Participants, whose 2015 billing determinants are shown below
16 in Table 4. Note that these annual billing determinants are also included above in the “Total Metered”
17 amounts shown in Table 2 above and Table 3 above for the General Service > 50 kW rate class.

1 **TABLE 4: WHOLESALE MARKET PARTICIPANT 2015 BILLING DETERMINANTS**

Line No.	Rate Class	Total Metered		Non-RPP	
		kWh	kW	kWh	kW
1	Residential				
2	General Service < 50 kW				
3	General Service > 50 kW	8,839,030	32,308		-
4	Large Use				
5	Unmetered Scattered Load				
6	Sentinel Lighting				
7	Street Lighting				
8	Embedded Distributor				
2	9 Total	8,839,030	32,308	-	-

3 **4.2.4 CLASS A CUSTOMER BILLING DETERMINANTS**

4 From January 1, 2015 to June 30, 2015, EPI had two Class A customers reported in the Large Use rate
 5 class. As of July 1, 2015, an additional two General Service > 50 kW customers elected to participate as
 6 Class A customers and one of the original Large Use Class A customers opted into the Class B program.
 7 The following table shows the breakdown of the billing determinants for the four applicable Class A
 8 customers in 2015.

9 **TABLE 5: CLASS A 2015 BILLING DETERMINANTS**

Line No.	Description	Class A Effective Period	Rate Class	Jan-Jun		Jul - Dec		Total	
				kWh	kW	kWh	kW	kWh	kW
1	Billing Determinants by Customer								
2	Customer 1	Jan-Dec	Large Use	14,965,953	30,312	15,962,797	31,898	30,928,750	62,210
3	Customer 2	Jan-Jun	Large Use	12,627,457	45,168	15,060,622	41,662	27,688,079	86,830
4	Customer 3	Jul-Dec	GS>50	12,947,094	21,938	14,849,525	25,954	27,796,619	47,893
5	Customer 4	Jul-Dec	GS>50	4,114,752	20,014	3,172,670	20,487	7,287,422	40,501
6	Total			44,655,257	117,432	49,045,614	120,002	93,700,870	237,434
7	Eligible Class A Total by Rate Class								
8	Customer 3 & 4	Jul-Dec	GS>50	-	-	18,022,195	46,441	18,022,195	46,441
9	Customer 1 & 2	Jan-Dec	Large Use	27,593,410	75,480	15,962,797	31,898	43,556,207	107,378
10	Total			27,593,410	75,480	33,984,991	78,339	61,578,401	153,819
11	Annual Class A Total by Rate Class								
12	Customer 3 & 4	Jan-Dec	GS>50	17,061,847	41,952	18,022,195	46,441	35,084,041	88,394
13	Customer 1	Jan-Dec	Large Use	14,965,953	30,312	15,962,797	31,898	30,928,750	62,210
14	Total			32,027,800	72,264	33,984,991	78,339	66,012,791	150,604

11 EPI confirms that the billing determinants, as shown above and updated in the models, are accurate.

4.3 DEFERRAL/VARIANCE ACCOUNT DISPOSITION

4.3.1 OVERVIEW

The EDDVAR Report provides that, during the IRM plan term, Group One Deferral and Variance Accounts (“Group One Accounts”) are to be reviewed and disposed if the pre-set disposition threshold of \$0.0010 per kWh (debit or credit) is exceeded. By way of a Board letter dated July 25, 2014, entitled “Process for 2015 Incentive Regulation Mechanism Distribution Rate Applications”, this EDDVAR guidance was updated such that distributors may now elect to dispose of Group One Account balances below the pre-set disposition threshold.

As summarized in Table 6 below, the Group One Account balances considered for disposition in the Application exceed the pre-set disposition threshold. Accordingly, EPI has proposed disposition of the December 31, 2015 Group One Account balances herein.

Note, the balance in Table 6 below does not tie to the Threshold Test total on Line 29 of Tab “4. Billing Det. for Def-Var”. This is due to the inclusion of the “CBR Class B” variance of \$247,697 that has also been requested for disposition, but was calculated outside of the Rate Generator Model. Please see Section 4.3.3 for more details regarding this disposition.

TABLE 6: 2015 DVA THRESHOLD TEST

Line No.	Description	USoA	Amount
1	LV Variance Account	1550	\$1,476,365
2	Smart Metering Entity Charge Variance Account	1551	-\$3,296
3	RSVA - Wholesale Market Service Charge	1580	-\$2,024,829
4	Variance WMS – Sub-account CBR Class B	1580	\$247,097
5	RSVA - Retail Transmission Network Charge	1584	-\$378,697
6	RSVA - Retail Transmission Connection Charge	1586	-\$209,191
7	RSVA - Power	1588	-\$12,498
8	RSVA - Global Adjustment	1589	-\$604,899
9	Disposition and Recovery/Refund of Regulatory Balances	1595	-\$2,171
10	Total Group One Balance for Disposition		-\$1,512,119
11	Total 2015 kWh Consumption		927,631,236
12	Threshold Calculation		-\$0.0016

1 **4.3.2 RRR RECONCILIATION**

2 The following Table summarizes the variances from the Rate Generator Model, Tab “3. Continuity
3 Schedule” to the balances previously submitted in RRR 2.1.7.

4 **TABLE 7: DVA BALANCE RECONCILIATION TO RRR AS OF DECEMBER 31, 2015**

Line No.	Description	USoA	Balance per Model *	RRR 2.1.7	Variance
1	LV Variance Account	1550	\$1,787,675	\$1,787,675	\$0
2	Smart Metering Entity Charge Variance Account	1551	-\$6,518	-\$6,518	\$0
3	RSVA - Wholesale Market Service Charge	1580	-\$2,069,339	-\$1,814,540	-\$254,799
4	Variance WMS – Sub-account CBR Class A	1580	\$11,262	\$0	\$11,262
5	Variance WMS – Sub-account CBR Class B	1580	\$243,537	\$0	\$243,537
6	RSVA - Retail Transmission Network Charge	1584	-\$339,981	-\$339,981	\$0
7	RSVA - Retail Transmission Connection Charge	1586	\$501,554	\$501,554	\$0
8	RSVA - Power	1588	\$244,605	\$244,605	\$0
9	RSVA - Global Adjustment	1589	\$1,216,362	\$1,216,362	\$0
10	Disposition and Recovery/Refund of Regulatory Balances	1595	\$629,015	\$629,014	\$1
11	LRAM Variance Account	1568	\$506,180	\$362,690	\$143,490
12	Total		\$2,724,352	\$2,580,861	\$143,491

5 ** Balances from Rate Generator Model, Tab “3. Continuity Schedule”, Column BG + Column BL*

6 The variances reflected in Lines 3, 4 and 5 in Table 7 represent the reclassification of the CBR charges for
7 2015 and net to a zero balance. Please see Section 4.3.3 below for more details on the CBR
8 reclassification and the associated proposed disposition.

9 The variance reflected in Line 11 of Table 7 represents the difference between the estimated LRAMVA
10 recorded in the general ledger and reported in the RRR filing as of December 31, 2015, and the
11 proposed LRAMVA amount calculated by IndEco Strategic Consulting based on EPI’s final verified IESO
12 results. Please see Section 4.3.4 below for more details on the LRAMVA balance and the proposed
13 disposition.

14 **4.3.3 GROUP ONE DISPOSITION**

15 EPI last disposed of the Group One Account balances in its 2016 Cost of Service Application (EB-2015-
16 0061) for audited balances as of December 31, 2014. Accordingly, EPI has input the historic details of
17 the Group One accounts into the detailed account continuity schedule shown in the Rate Generator
18 Model as Tab “3. Continuity Schedule”, starting in 2014.

1 EPI is proposing a one year period for the disposition of its Group One balances.

2 Account 1580 Capacity Based Recovery Reallocation

3 In May 2015, the IESO introduced a new wholesale market service charge to recover costs
4 associated with contracted demand response providers active in the wholesale energy market.
5 The program was previously known as Capacity Based Demand Response and is now known as
6 Capacity Based Recovery (“CBR”).

7 EPI has followed the Board’s Accounting Guidance issued on July 25, 2016, entitled “Capacity
8 Based Recovery” for the calculation of the 2015 CBR balance and proposed disposition.

9 Class A

10 As described in the Accounting Guidance, EPI has calculated the Class A customer principal
11 balance of \$11,226 for the period of April 1, 2015 to December 31, 2015 and transferred this
12 amount from the general balance of Account 1580 to the Class A subaccount. EPI has also
13 transferred the appropriate accrued interest of \$36 (inclusive of interest to December 31, 2015)
14 to this subaccount. The resulting 2015 debit balance is netted against the credit balance
15 calculated for 2016 and applied as a billing adjustment to the Class A customers’ bills in 2016.
16 Accordingly, the 2015 Class A CBR balance does not require disposition in this Application.

17 Class B

18 Using the methodology as described in the Accounting Guidance, EPI has calculated the Class B
19 customer principal balance of \$242,731 for the period of April 1, 2015 to December 31, 2015
20 and transferred this amount from the general balance of Account 1580 to the Class B
21 subaccount. EPI has also transferred the appropriate accrued interest of \$805 (inclusive of
22 interest to December 31, 2015) to this subaccount.

23 EPI is requesting disposition of the CBR Class B subaccount for \$247,097 (inclusive of interest to
24 April 30, 2017). As directed in the Accounting Guidance, EPI has calculated a separate rate rider
25 outside of the Rate Generator Model. EPI has allocated the balance to the appropriate rate

1 classes based on Percentage of Total kWh (from Table 3) excluding WMP (from Table 4) and
2 Class A (from Table 5) customers. Table 8 below shows the allocation per rate class.

3 **TABLE 8: ALLOCATION OF CLASS B CBR BALANCE**

Line No.	Rate Class	Total kWh	WMP	Class A	Adjusted kWh	Percentage	Allocated CBR
1	Residential	280,745,450			280,745,450	33%	\$80,926
2	General Service < 50 kW	111,900,367			111,900,367	13%	\$32,256
3	General Service > 50 kW to 4,999 kW	462,999,618	8,839,030	18,022,195	436,138,394	51%	\$125,719
4	Large Use	58,616,830		43,556,207	15,060,623	2%	\$4,341
5	Unmetered Scattered Load	1,247,803			1,247,803	0%	\$360
6	Sentinel Lighting	398,326			398,326	0%	\$115
7	Street Lighting	7,429,834			7,429,834	1%	\$2,142
8	Embedded Distributor	4,293,007			4,293,007	1%	\$1,237
9	Total	927,631,236	8,839,030	61,578,401	857,213,805		\$247,097

5 The calculation of CBR Class B billing determinants for certain demand-based rate classes are
6 shown below in Table 9.

7 **TABLE 9: CALCULATION OF CBR CLASS B DEMAND-BASED BILLING DETERMINANTS**

Line No.	Rate Class	Total kW	WMP	Class A *	Class B Adjusted kW
1	Residential	-			-
2	General Service < 50 kW	-			-
3	General Service > 50 kW to 4,999 kW	1,198,843	32,308	88,394	1,078,141
4	Large Use	149,040		62,210	86,830
5	Unmetered Scattered Load	-			-
6	Sentinel Lighting	1,106			1,106
7	Street Lighting	21,993			21,993
8	Embedded Distributor	9,594			9,594
9	Total	1,380,576	32,308	150,604	1,197,664

8 * Reflects Annual Class A Total from Table 5, Line 12 and 13.

9 Table 10 below shows the proposed rate riders by rate class. The proposed rate riders have
10 been input into Tab "18. Additional Rates" in their respective rate classes for inclusion in the
11 Rate Generator Model.

1 **TABLE 10: CBR CLASS B PROPOSED RATE RIDER**

Line No.	Rate Class	Total kWh	Total kW	Rate Rider / kWh	Rate Rider / kW
1	Residential	280,745,450	-	\$0.0003	
2	General Service < 50 kW	111,900,367	-	\$0.0003	
3	General Service > 50 kW to 4,999 kW		1,078,141		\$0.1166
4	Large Use		86,830		\$0.0500
5	Unmetered Scattered Load	1,247,803	-	\$0.0003	
6	Sentinel Lighting		1,106		\$0.1038
7	Street Lighting		21,993		\$0.0974
8	Embedded Distributor		9,594		\$0.1290

3 The billing determinants used above in Table 10 were derived as follows:

- 4 - Restated kWh from Table 3 for the Residential, General Service < 50 kW and the
- 5 Unmetered Scattered Load rate classes;
- 6 - Restated kW from Table 3 for the Sentinel Lighting, Street Lighting and Embedded
- 7 Distributor rate classes; and,
- 8 - Restated kW from Table 3 less the WMP (from Table 4) and Class A (from Table 5) for
- 9 the General Service > 50 kW and Large Use rate classes (this calculation is shown in
- 10 Table 9 above). EPI has utilized the Annual Class A kW as these same customers have
- 11 remained Class A customers through to the next eligibility period.

12 Account 1589 Global Adjustment

13 This RSVA account records the net difference between the amounts billed to Non-RPP

14 customers and the Global Adjustment charged on the settlement invoice from the IESO for Non-

15 RPP customers. EPI has consistently maintained an accrual approach for this account.

16 Along with the other Group One balances, EPI has proposed disposition of Account 1589 Global

17 Adjustment as part of this Application (as shown in Table 6 above). As previously noted, EPI had

18 two General Service > 50 kW customers move from Class B to Class A in 2015. As such, EPI has

19 completed Tab "6. GA Calculation" and Tab "6.a GA Allocation_Class A" of the Rate Generator

20 Model.

EPI has input the “Total Metered Class A consumption” (column E) and “Total Metered Consumption for New Class Customers” (column G) into Tab 6 based on the billing determinants from Table 5 above.

EPI last disposed of its Group One balances as of December 31, 2014 in its 2016 COS Application (EB-2015-0061). For the purposes of the current Application’s disposition, the calculation of the total Non-RPP kWh consumption is shown in Table 11 below and inputted in Cell D20 of Tab “6.a GA allocation_Class A”.

TABLE 11: ACCOUNT 1589 DISPOSITION FOR FORMER CLASS B CUSTOMER

Line No.	Description	Source	kWh	GA Balance (\$)
1	Total Class B Consumption			
2	Total Non-RPP	Table 2, Line 9	526,621,447	
3	Total WMP	Table 3, Line 9	(8,839,030)	
4	Total Annual Class A	Table 4, Line 10	(61,578,401)	
5	Total		456,204,016	-\$604,899
6	Calculation Former Class B Consumption			
7	Customer 1	Table 4, Line 4	12,947,094	-\$17,167
8	Customer 2	Table 4, Line 5	4,114,752	-\$5,456
9	Total		17,061,847	-\$22,623
10	Portion of Consumption of Former Class B Customers	Line 9 / Line 5	3.74%	

The kWh consumption input in cells D34 and D35 of Tab “6.a GA allocation_Class A” are the January to June values from Table 5, Lines 3 and 4. The Class B portion of these customers translates to 3.74% of total Class B consumption as shown in Table 11. EPI has engaged in discussions with these customers regarding their refunds. The customers have agreed to a one-time bill credit upon approval of this Application.

Please see Attachment C for details of EPI’s IESO settlement process.

Account 1595 Residual Balances

Account 1595 is used to record the disposition of DVA balances approved for recovery or refund. EPI utilizes subaccounts to track the various Board Approved principal and interest balances upon disposition. EPI currently maintains subaccounts for each annual disposition and type of disposition (RPP or Non-RPP).

1 EPI has two previous dispositions for which the applicable rate riders expired in April 2015.
2 Upon expiration, the associated subaccounts ended with small residual balances which are
3 volumetric in nature and require disposition, as detailed in Table 12 below:

4 **TABLE 12: RESIDUAL BALANCES FOR DISPOSITION**

Line No.	Description	Type	EB Number	Effective Period	Residual Balance
1	2011 IRM Group One Disposition for Dutton Rate Zone	RPP	EB-2010-0274	May01/11-Apr30/15	-\$149
2	2011 IRM Global Adjustment Disposition for Dutton Rate Zone	Non-RPP	EB-2010-0274	May01/11-Apr30/15	\$5,051
3	2014 IRM LRAMVA Disposition for CK Rate Zone	RPP	EB-2013-0120	May01/14-Apr30/15	-\$5,951
4	2014 IRM LRAMVA Disposition for SMP Rate Zone	RPP	EB-2013-0120	May01/14-Apr30/15	\$1,193
5	2014 IRM Group One Disposition for SMP Rate Zone	RPP	EB-2013-0120	May01/14-Apr30/15	\$5,201
6	2014 IRM Global Adjustment Disposition for SMP Rate Zone	Non-RPP	EB-2013-0120	May01/14-Apr30/15	-\$4,308
7	2014 IRM Group One Disposition for Dutton Rate Zone	RPP	EB-2013-0120	May01/14-Apr30/15	\$163
8	2014 IRM Global Adjustment Disposition for Dutton Rate Zone	Non-RPP	EB-2013-0120	May01/14-Apr30/15	\$2,716
9	2014 IRM Group One Disposition for Newbury Rate Zone	RPP	EB-2013-0120	May01/14-Apr30/15	-\$339
10	2014 IRM Global Adjustment Disposition for Newbury Rate Zone	Non-RPP	EB-2013-0120	May01/14-Apr30/15	-\$5,748
11	Grand Total				-\$2,171
12	Subtotal RPP				\$118
13	Subtotal Non- RPP				-\$2,290

6 Traditionally, EPI has disposed of RPP and Non-RPP residual balances separately. However, in
7 order to remain consistent with the Rate Generator Model, and given the immaterial balance
8 involved, EPI proposes this be disposed globally through the Rate Generator Model. EPI has
9 allocated the residual balances to the rate classes based on their original allocations from the
10 respective originating rate applications (EB-2010-0274 and EB-2013-0120) and inputted these
11 percentages into Tab “4. Billing Det. for Def-Var” of the Rate Generator Model.

12 **4.3.4 LRAMVA**

13 On March 31, 2011, the Minister of Energy and Infrastructure issued a directive (the “Directive”) to the
14 Board regarding electricity CDM targets to be met by licensed electricity distributor. The Directive
15 stipulated that the Board amend the licenses of distributors to add, as a condition of license, the
16 requirement for distributors to achieve reductions in electricity demand through the delivery of CDM
17 programs over a four-year period beginning January 1, 2011. Section 12 of the Directive required that
18 the Board have regard to the objective that lost revenues that result from CDM Programs should not act
19 as a disincentive to a distributor.

1 On April 26, 2012, the Board issued Guidelines for Electricity Distributor Conservation and Demand
2 Management (“CDM Guidelines”). In keeping with the Directive, the Board adopted a mechanism to
3 capture the difference between the results of actual verified impacts of authorized CDM activities
4 undertaken by distributors between 2011 and 2014 and the level of activities embedded into rates
5 through the distributors load forecast in the Lost Revenue Adjustment Mechanism Variance Account
6 (“LRAMVA”).

7 EPI proposes disposing of LRAMVA balances relating the former CK and SMP rate zones, as well as LRAM
8 relating to the former SMP rate zone on a harmonized basis, as discussed below. This harmonized
9 disposition is consistent with the EPI 2016 COS Application approval.

10 Please see Attachment D for a summary of the previous LRAM and LRAMVA approvals for EPI.

11 LRAM Claim for Pre-2011 Activities

12 As described in Section 3, previous to May 1, 2016, EPI maintained four rate zones. These rate
13 zones were as follows:

- 14 • Chatham-Kent (“CK”) Rate Zone representing the territory of the former Chatham-Kent
15 Hydro;
- 16 • SMP Rate Zone representing the former territory of Strathroy, Mount Brydges & Parkhill
17 of the former Middlesex Power Distribution Company (“MPDC”);
- 18 • Dutton Rate Zone representing the territory of the former Dutton Hydro Inc.; and,
- 19 • Newbury Rate Zone representing the former Newbury Power Inc.

20

21 Prior to the EPI 2016 COS Application, distribution rates for the former CK rate zone were last
22 rebased in the former Chatham-Kent Hydro’s 2010 COS application (EB-2009-0261), using a
23 multiple regression analysis to develop a load forecast based on data up to and including
24 December 31, 2008. EPI is not requesting recovery of lost revenue resulting from any pre-2012
25 CDM activities or legacy programs for the former CK rate zone.

26 In contrast, prior to the EPI 2016 COS Application, the former SMP rate zone distribution rates
27 were last rebased in the former Middlesex Power Distribution Corporation’s 2006 EDR

1 application (EB-2005-0351) for rates effective May 1, 2006. As such, no prior CDM activity has
2 been captured in base rates. Accordingly EPI seeks to continue with the LRAM disposition for
3 SMP and has engaged IndEco Strategic Consulting Inc. (“IndEco”) to prepare a third party LRAM
4 review for the 2006 to 2010 program years, with persistence from January 1, 2015 to December
5 31, 2015. Please see Attachment E for IndEco’s report on SMP LRAM, which supports a
6 disposition in the amount of \$12,653.07 (inclusive of carrying charge to April 30, 2017). EPI
7 considers this amount to be of sufficient significance to propose disposition, and confirms that
8 the LRAM amounts being proposed for disposition have never been included in past claims. The
9 proposed LRAM disposition is based on final verified IESO results. As a result of the 2016 COS
10 Application decision, which included rate harmonization as of May 1, 2016 and an associated
11 load forecast, this will be the final EPI LRAM claim. Future EPI claims will be on a harmonized
12 LRAMVA basis.

13 Subsequent to the acquisition of Dutton and Newbury in 2009, EPI launched the full roster of
14 conservation programs for these communities. EPI has determined that LRAM for the Dutton
15 and Newbury rate zones is not significant and does not propose any current, or future, LRAM
16 claims with regard to the past activity of these two former rate zones.

17 LRAMVA Claim

18 As noted above, until May 1, 2016, EPI maintained four rate zones, based on the service
19 territories of its predecessor company.

20 CK rate zone distribution rates were previously rebased in its 2010 COS application (EB-2009-
21 0261) using a multiple regression analysis to develop a load forecast based on data up to and
22 including December 31, 2008. EPI confirms that this load forecast did not include CDM impacts
23 related to 2011 to 2014 CDM programs. For the purposes of the current Application, EPI
24 engaged IndEco to conduct a third party analysis of LRAMVA analysis inclusive of the 2011-2015
25 program years, with persistence from January 1, 2015 to December 31, 2015. Please refer to
26 Attachment F for the Board LRAMVA Model and Report prepared by IndEco, which provides
27 support for a claim in the amount of \$247,279.95 (inclusive of carrying charges to April 30, 2017)
28 and describes the elements of the claim. EPI considers this amount to be of sufficient

1 significance to propose disposition and confirms that the LRAMVA amounts being proposed for
2 disposition have not been included in past claims. The proposed LRAMVA disposition is based
3 on the final results provided by the IESO on June 30, 2016.

4 As described above, SMP distribution rates were last rebased in 2006 and no prior CDM activity
5 has been captured in base rates. For the purposes of the current Application, EPI engaged
6 IndEco to conduct a third party analysis of LRAMVA analysis inclusive of the 2011-2015
7 program years, with persistence from January 1, 2015 to December 31, 2015. Please refer to
8 Attachment G for the Board LRAMVA Model and report prepared by IndEco, which provides
9 support for a claim in the amount of \$33,557.68 (inclusive of carrying charges to April 30, 2017)
10 and describes the elements of the claim. EPI considers this amount to be of sufficient
11 significance to propose disposition and confirms that the LRAMVA amounts being proposed for
12 disposition have not been included in past claims. The proposed LRAMVA disposition is based
13 on the final results provided by the IESO on June 30, 2016.

14 Subsequent to the acquisition of Dutton and Newbury in 2009, EPI launched the full roster of
15 conservation programs for these communities. EPI has determined that LRAMVA for the Dutton
16 and Newbury rate zones are not significant at the time. Accordingly, EPI does not propose
17 LRAMVA claims for these rate zones in the Application.

18 Details of EPI's LRAM and LRAMVA calculations and supporting evidence can be found in the
19 third party reports prepared by IndEco and the LRAMVA Models provided as Attachment E, F
20 and G. Information provided in the IndEco reports include the CDM programs/initiatives
21 applicable to each rate class, as well as the energy savings (kWh) and peak demand (kW)
22 assigned to each program/initiative.

23 As noted above, EPI has completed the Board LRAMVA Model and filed a copy in Live Excel
24 format as part of this Application. Also, copies have been included in Attachment F and
25 Attachment G. EPI notes some changes have been made the Board LRAMVA Models to support
26 EPI's LRAMVA calculations as follows:

- 27 - Tab 2a has been added to reflect the CDM forecast as filed with the EPI 2010 COS
28 Application;

- 1 - Tab 3a has been added to facilitate energy savings allocations between the two historic
- 2 rate zones of CK and SMP;
- 3 - Tab 6 has been updated to reflect program specific persistence; and,
- 4 - Tab 8 has been added to provide detailed calculations of the impact of 2015 street light
- 5 projects.

6 Table 13 below provides a summary of LRAM and LRAMVA amounts by rate class for which EPI is
7 seeking recovery for in this Application. The amounts below have been entered into the Rate
8 Generator Model in column R of Tab “4. Billing Det. for Def-Var” by rate class for disposition.

9 **TABLE 13: LRAM AND LRAMVA PROPOSED DISPOSITION**

Line No.	Rate Class	CK LRAMVA	SMP LRAMVA	SMP LRAM	Total
1	Residential	\$44,604	\$19,011	\$7,910	\$71,525
2	General Service < 50 kW	\$78,817	\$5,094	\$4,127	\$88,038
3	General Service > 50 kW	\$86,843	\$9,254	\$616	\$96,713
4	Large Use	\$37,016	\$46		\$37,063
5	Unmetered Scattered Load				\$0
6	Sentinel Lighting				\$0
7	Street Lighting		\$152		\$152
8	Embedded Distributor				\$0
9	Total	\$247,280	\$33,558	\$12,653	\$293,491

11 **4.4 SHARED TAX SAVINGS**

12 EPI has calculated Shared Tax Savings, as shown in Tab “8. STS – Tax Change” and Tab “9. Shared Tax –
13 Rate Rider” of the Rate Generator Model.

14 In accordance with the Board’s methodology, a 50/50 sharing of the impact of currently known
15 legislated tax changes as applied to the tax level reflected in the Board Approved base rates is
16 calculated. However, EPI recently updated base rates in its 2016 COS Application (EB-2015-0061), and
17 since that time no known legislative tax changes have occurred. Accordingly, no Shared Tax Savings
18 Rate rider is proposed.

4.5 RETAIL TRANSMISSION RATES

On June 28, 2012, the Board issued revision 4.0 of *G-2008-0001: Electricity Distribution Retail Transmission Service Rates* (the “Guideline”). The Guideline instructs distributors to adjust their Retail Transmission Service Rates (“RTSR’s”) based on a comparison of historical transmission costs adjusted for new UTR levels, and revenues generated from existing RTSRs.

EPI has utilized Tab “10. RTSR Current Rates” through Tab “15. RTSR Rates to Forecast” in the Rate Generator Model to complete the necessary calculations.

EPI acknowledges that the IESO Uniform Transmission Rates (“UTR”) and Hydro One Sub-Transmission class RTSRs currently used in the Rate Generator Model are subject to update by Board Staff subsequent to the issuance of the associated 2017 IESO and Hydro One rate orders.

Based on the current inputs in the Rate Generator Model, EPI proposes the following Retail Transmission Rates.

TABLE 14: PROPOSED RETAIL TRANSMISSION RATES

Line No.	Description	Proposed RTR - Network	Proposed RTR - Connection
1	Residential	\$0.0069	\$0.0053
2	General Service < 50 kW	\$0.0060	\$0.0047
3	General Service > 50 kW to 4,999 kW	\$2.6311	\$1.9709
4	Large Use	\$2.7918	\$2.1668
5	Unmetered Scattered Load	\$0.0060	\$0.0047
6	Sentinel Lighting	\$1.9328	\$1.4812
7	Street Lighting	\$1.9130	\$1.4467
8	Embedded Distributor	\$2.6311	\$1.9709

4.6 PRICE CAP INDEX ADJUSTMENT

EPI has used the Rate Generator Model proxy values of 2.10% as the Price Escalator (GDP-IPI), a 0.0% Productivity Factor and EPI’s the Group II Stretch Factor Value of 0.15%, *as per the Board’s 2015 Benchmarking Update for Determination of 2016 Stretch Factor Rankings*. These components result in an interim Price Cap Index of 1.95% as shown in Tab “16. Rev2Cost_GDPIPI” of the 2017 Rate Generator Model. EPI understands that Board Staff will adjust for the final GDP-IPI once it is available.

1 In its 2016 COS Application (EB-2015-0061), EPI was approved to establish a Standby Power Service rate
2 applicable for the General Service > 50 kW rate class and the Large Use rate class. It was further
3 established that the Standby Power Service variable rate would align to the Distribution Volumetric Rate
4 of the associated rate class (i.e. General Service > 50 kW or Large Use). However, the Rate Generator
5 Model does not include the capacity to apply a Price Cap Index adjustment to the Standby Power Service
6 Rate Class in such a way that it aligns with the variable rates of the General Service > 50 kW rate class
7 and the Large Use rate class.

8 Accordingly, EPI respectfully requests the Standby Power Service rate class be updated to align with the
9 associated final volumetric rate from the General Service > 50 kW and Large Use rate classes.

10 EPI acknowledges that the Price Cap Index Adjustment is no longer applied to Low Voltage Service rates
11 as per Section 3.2.1.1 of the Filing Requirements. Accordingly, EPI proposes to continue with the Low
12 Voltage Service rates approved in the EPI 2016 COS Application (EB-2015-0061).

13 **4.7 RESIDENTIAL RATE DESIGN TRANSITION**

14 On April 2, 2015, the Board released its policy “*A New Distribution Rate Design for Residential Electricity*
15 *Customers*” (the “Policy”), by which the Board decided that the distribution costs will be recovered from
16 Residential customers via a fixed monthly service charge. The Board further determined that the new
17 rate design (i.e. the phase out of the Residential volumetric rate) would be implemented across all
18 distributors’ service areas over a four year period, in order to mitigate customer bill impacts.

19 As previously described in Section 3, EPI previously maintained 4 rate zones with a wide range of legacy
20 fixed/variable proportions as a result of disparities in predecessor ownership rate design. In EPI’s 2016
21 COS Application (EB-2015-0061), EPI was approved to harmonize distribution rates simultaneous with
22 the transition to fixed Residential rates. Implementation was commenced by first migrating all
23 Residential customers to the highest level of fixed rates (the former CK rate zone) in 2016, and then
24 subsequently migrating harmonized EPI rates in equal increments over three years to become fully fixed
25 by May 1, 2019.

1 Table 15 below is a reproduction from EPI’s Settlement Agreement dated February 3, 2016, Page 34,
2 Table 24. The proposed 2017 Residential rate design migration (i.e. 86.26% fixed) aligns with the
3 Adjusted Rate calculated on Tab “16. Rev2Cost_GDIPI” of the Rate Generator Model.

4 **TABLE 15: PROPOSED TRANSITION TO FULLY FIXED RESIDENTIAL RATES**

Rates Effective	Customers	FC	VC	Total	FC %	VC%	Proposed Rate
May 1, 2016	36,333	\$8,275,204	\$2,148,568	\$10,423,772	79.39%	20.61%	\$18.98
May 1, 2017	36,333	\$8,991,317	\$1,432,454	\$10,423,772	86.26%	13.74%	\$20.62
May 1, 2018	36,333	\$9,707,430	\$716,341	\$10,423,772	93.13%	6.87%	\$22.26
May 1, 2019	36,333	\$10,423,772	\$0	\$10,423,772	100.00%	0.00%	\$23.91

5
6 As per the Filing Requirements, EPI has calculated the combined effect of the proposed fixed rate design
7 migration and other impacts from this Application for Residential customers to the 10th percentile of
8 consumption. The 10th percentile of Residential consumption was determined by sorting the average
9 monthly Residential consumption in 2015 for all EPI residential customers from lowest to highest, and
10 then selecting the average monthly consumption customers at the 10th percentile. For EPI, the average
11 monthly consumption for the 10th percentile residential customer is 135 kWh.

12 The bill impacts for Residential customers at the 10th percentile are provided in Table 16 (please refer to
13 Attachment H for the detailed bill impact calculations). The analysis shows that the proposed rate
14 design and other impacts from this Application will result in bill impacts of less than 10% for EPI
15 Residential customers at the 10th percentile of consumption. Accordingly, no Residential rate
16 mitigation is required (nor is rate mitigation required for any other rate class, as described in Section 6
17 below).

1 **TABLE 16: RESIDENTIAL BILL IMPACT ANALYSIS**

Line No.	Consumption	Type	\$ Increase (Decrease)	% Increase (Decrease)	\$ Increase (Decrease)	% Increase (Decrease)	\$ Increase (Decrease)	% Increase (Decrease)	\$ Increase (Decrease)	% Increase (Decrease)
1	Rate Zone		CK		SMP		Dutton		Newbury	
2	750 kWh (Typical)	RPP	-\$2.46	-1.62%	-\$2.46	-1.62%	-\$2.79	-1.84%	-\$8.81	-5.58%
3	EPI's 10th Percentile	RPP	\$1.02	2.27%	\$1.02	2.27%	\$0.96	2.13%	-\$0.12	-0.26%
4	100 kWh	RPP	\$1.22	3.14%	\$1.22	3.14%	\$1.17	3.02%	\$0.37	0.94%
5	250 kWh	RPP	\$0.37	0.57%	\$0.37	0.57%	\$0.26	0.40%	-\$1.75	-2.61%
6	500 kWh	RPP	-\$1.04	-0.96%	-\$1.04	-0.96%	-\$1.27	-1.17%	-\$5.28	-4.69%
7	800 kWh	RPP	-\$2.74	-1.71%	-\$2.74	-1.71%	-\$3.10	-1.93%	-\$9.52	-5.70%
8	1,000 kWh	RPP	-\$3.87	-1.99%	-\$3.87	-1.99%	-\$4.32	-2.21%	-\$12.34	-6.07%
9	2,000 kWh	RPP	-\$9.52	-2.59%	-\$9.52	-2.59%	-\$10.43	-2.83%	-\$26.47	-6.87%
10	750 kWh (Typical)	Non-RPP	-\$6.44	-4.17%	-\$6.44	-4.17%	-\$13.81	-8.54%	-\$15.17	-9.30%
11	EPI's 10th Percentile	Non-RPP	\$0.31	0.67%	\$0.31	0.67%	\$0.24	0.54%	-\$1.27	-2.69%
12	100 kWh	Non-RPP	\$0.69	1.75%	\$0.69	1.75%	\$0.64	1.64%	-\$0.48	-1.17%
13	250 kWh	Non-RPP	-\$0.96	-1.45%	-\$0.96	-1.45%	-\$1.07	-1.62%	-\$3.87	-5.62%
14	500 kWh	Non-RPP	-\$3.70	-3.36%	-\$3.70	-3.36%	-\$3.92	-3.55%	-\$9.52	-8.21%
15	800 kWh	Non-RPP	-\$6.99	-4.28%	-\$6.99	-4.28%	-\$7.35	-4.49%	-\$16.30	-9.44%
16	1,000 kWh	Non-RPP	-\$9.18	-4.62%	-\$9.18	-4.62%	-\$9.63	-4.84%	-\$20.82	-9.90%
17	2,000 kWh	Non-RPP	-\$20.15	-5.36%	-\$20.15	-5.36%	-\$21.05	-5.59%	-\$43.42	-10.88%

2

3 **4.8 REVENUE TO COST RATIO ADJUSTMENTS**

4 There were no Revenue to Cost Ratio phase-in adjustments subsequent to 2016 arising from EPI's 2016
5 COS Decision dated March 17, 2016 (EB-2015-0061). Accordingly, EPI has made no adjustments in the
6 Rate Generator Model on Tab "16. Rev2Cost_GDPIPI".

7 **4.9 REGULATORY CHARGES**

8 **4.9.1 WHOLESALE MARKET SERVICE RATE**

9 The Wholesale Market Service Rate ("WMS") is designed to allow distributors to recover costs charged
10 by the IESO for the operation of the IESO administered markets and the operation of the IESO controlled
11 grid. The WMS Rate is an energy based rate (per kWh) and is set by the Board on a generic basis.

12 On November 19, 2015 the Board issued a Decision and Order (EB-2015-0294) establishing that the
13 WMS rate used by rate regulated distributors to bill their customers shall be \$0.0036 per kWh effective
14 January 1, 2016.

1 EPI proposes to continue to utilize the previously approved \$0.0036/kWh rate unless otherwise directed
2 by the Board.

3 **4.9.2 RURAL OR REMOTE ELECTRICITY RATE PROTECTION CHARGE (“RRRP”)**

4 The Rural or Remote Electricity Rate Protection Charge (“RRRP”) was established by regulation of the
5 provincial government. The RRRP is designed to reduce costs for eligible customers located in rural or
6 remote areas, where the cost of distributing electricity to these customers is higher.

7 On December 19, 2013, the Board issued a Decision and Rate Order (EB-2013-0396) which approved the
8 rate for RRRP to be \$0.0013 per kWh effective May 1, 2014. On November 19, 2015, the Board issued a
9 Decision and Order (EB-2015-0294) establishing that the RRRP rate used by rate regulated distributors
10 to bill their customers will continue to be \$0.0013 per kWh effective January 1, 2016.

11 EPI proposes to continue to utilize the previously approved \$0.0013/kWh. EPI notes that the recently
12 introduced Bill 13 may result in changes to the RRRP. Accordingly, EPI acknowledges that the RRRP is
13 subject to update by the Board.

14 **4.9.3 STANDARD SUPPLY SERVICE – ADMINISTRATIVE CHARGE (“SSS”)**

15 EPI proposes to continue to utilize the previously approved \$0.25/customer rate, unless otherwise
16 directed by the Board.

17 **4.9.4 ONTARIO ELECTRICITY SUPPORT PROGRAM (“OESP”)**

18 The Ontario Electricity Support Program (“OESP”) program was established January 1, 2016 to deliver
19 on-bill rate assistance to low income electricity customers. All Ontario customers contribute to the
20 OESP program through the OESP charge.

21 On November 19, 2015 the Board issued a Decision and Order (EB-2015-0294) establishing that the
22 OESP rate used by rate regulated distributors to bill their customers shall be \$0.0011 per kWh, effective
23 January 1, 2016.

- 1 EPI proposes to continue to utilize the previously approved \$0.0011/kWh rate unless otherwise directed
- 2 by the Board.

- 3 **4.10 ADDITIONAL RATES**

- 4 EPI has not proposed any additional rates changes.

1 **5 PROPOSED RATES**

2 EPI has utilized the Proposed Tariff sheet as generated from Tab “19. Final Tariff Schedule” in the Rate
3 Generator Model.

4 EPI has made the following changes to the generated Proposed Tariff Sheets included in Attachment I:

5 1. Embedded Distributor rate class – EPI has added the Group One disposition rate rider and the
6 Global Adjustment rate rider as calculated by the Rate Generator Model

7 2. Standby rate class – EPI has updated the two volumetric rates to align the volumetric charges for
8 the General Service > 50 kW and Large Use rate class as discussed in Section 4.6.

6 BILL IMPACTS

Upon review, EPI found that the bill impacts analysis generated from Tab “20. Bill Impacts” of the Rate Generator Model did not fully accommodate the unique characteristics of EPI’s 2016 approved Tariff Sheet. These characteristics include:

- The ability to recognize the legacy rate riders specific to the former Dutton and Newbury rate zones (which expired April 30, 2017); and,
- The ability to align the Standby Power Service rate with the applicable volumetric rate of the Large Use rate class in order to calculate the bill impact for customers with applicable standby rates (as discussed in Section 4.6 above).

In order to accommodate these unique items and complete bill impacts, EPI has prepared a separate custom bill impact model in Excel. This bill impact model has been filed in Live Excel format as part of the Application and a copy is included as Attachment H. This is similar to the model provided in the EPI 2016 COS Application (EB-2015-0061) and applies the methodology from Tab “20. Bill Impacts” of the Rate Generator Model. Table 17 below presents EPI’s bill impacts from a summarized viewpoint of the former four rate zones due to the aforementioned legacy rate riders expiring April 30, 2017.

1 **TABLE 17: 2017 EPI PROPOSED BILL IMPACTS**

Line No.	Rate Class	Type	Typical kWh	Typical kW	2016 Final Rates	2017 Proposed Rates	\$ Increase (Decrease)	% Increase (Decrease)
1 CK								
2	Residential	RPP	750	-	\$151.56	\$149.10	-\$2.46	-1.62%
3	General Service < 50 kW	RPP	2,000	-	\$383.08	\$374.31	-\$8.77	-2.29%
4	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$29,439.99	\$28,304.85	-\$1,135.14	-3.86%
5	Large Use (Inc'ing Standby)	Non-RPP	2,763,935	10,200	\$491,489.24	\$473,658.19	-\$17,831.04	-3.63%
6	Unmetered Scattered Load	RPP	150	-	\$33.66	\$33.34	-\$0.33	-0.98%
7	Sentinel Lighting	RPP	150	1	\$35.54	\$34.50	-\$1.04	-2.93%
8	Street Lighting	Non-RPP	150	1	\$30.10	\$27.71	-\$2.39	-7.95%
9	Embedded Distributor	Non-RPP	368,500	14	\$54,131.71	\$53,585.53	-\$546.17	-1.01%
10 SMP								
11	Residential	RPP	750	-	\$151.56	\$149.10	-\$2.46	-1.62%
12	General Service < 50 kW	RPP	2,000	-	\$383.08	\$374.31	-\$8.77	-2.29%
13	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$29,439.99	\$28,304.85	-\$1,135.14	-3.86%
14	Large Use	Non-RPP	2,631,117	5,500	\$432,658.46	\$424,936.98	-\$7,721.47	-1.78%
15	Unmetered Scattered Load	RPP	150	-	\$33.66	\$33.34	-\$0.33	-0.98%
16	Sentinel Lighting	RPP	150	1	\$35.54	\$34.50	-\$1.04	-2.93%
17	Street Lighting	Non-RPP	150	1	\$30.10	\$27.71	-\$2.39	-7.95%
18 Dutton								
19	Residential	RPP	750	-	\$151.90	\$149.10	-\$2.79	-1.84%
20	General Service < 50 kW	RPP	2,000	-	\$383.98	\$374.31	-\$9.67	-2.52%
21	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$29,439.99	\$28,304.85	-\$1,135.14	-3.86%
22	Sentinel Lighting	RPP	150	1	\$35.76	\$34.50	-\$1.26	-3.53%
23	Street Lighting	Non-RPP	150	1	\$33.45	\$27.71	-\$5.74	-17.15%
24 Newbury								
25	Residential	RPP	750	-	\$157.91	\$149.10	-\$8.81	-5.58%
26	General Service < 50 kW	RPP	2,000	-	\$401.61	\$374.31	-\$27.30	-6.80%
27	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$31,489.58	\$28,304.85	-\$3,184.74	-10.11%
28	Sentinel Lighting	RPP	150	1	\$35.54	\$34.50	-\$1.04	-2.93%
29	Street Lighting	Non-RPP	150	1	\$33.92	\$27.71	-\$6.21	-18.30%

2
3 As shown in Table 17 above, the proposed bill impacts would result in all rate classes (including legacy
4 rate zones) receiving a distribution rate decrease. EPI has filed its Bill Impact Model in Live Excel format
5 as part of this Application and included a copy of the detailed bill impacts by rate class in Attachment H,
6 as noted above.

7 The detailed bill impacts by rate class in Attachment H expand the Table 17 analysis to show the impact
8 for discrete customers groups, consistent with the Filing Requirements. EPI has included an analysis for
9 each of its rate classes based on the typical kWh and kW assumptions, as detailed below in accordance
10 with Board requirements:

- 11 • Residential (kWh): 100, 250, 500, 800, 1000, 1500, 2000
- 12 • GS<50 kW (kWh): 1000, 2000, 5000, 10000, 15000
- 13 • GS>50 kW (kW): 60, 100, 500, 1000

- 1 • Large User (kW): 5500, 7200
- 2 • Street Lighting (kW): 1
- 3 • Sentinel Lighting (kW): 1
- 4 • USL (kWh): 150
- 5 • Embedded Distributor (kWh): 368,500

6 Based on this analysis, EPI notes that the majority of the proposed bill impacts at a discrete customer
7 group level are consistently decreasing (i.e. favourable to customers), and that no discrete customer
8 group exceeds the 10% threshold. Accordingly, EPI has not proposed any mitigation plans in this
9 Application.

1 **7 CERTIFICATE OF EVIDENCE**

- 2 Consistent with the July 14, 2016 revisions to Chapter 3 of the Filing Requirements, a certification of
3 evidence is enclosed. Please see Attachment J for a copy of the Certificate.

ATTACHMENT A

May 1, 2016 Approved Tariff Sheet

EB-2015-0061

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less and includes:

- 1) All services supplied to single-family dwelling units for domestic or household purposes,
- 2) All multi-unit residential establishments such as apartments of 6 or less units.
- 3) If a service supplies a combination of residential and commercial load and wiring does not permit separate metering, the classification of this customer will be determined individually by the distributor.

Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	18.98
Rate Rider for the Recovery of Stranded Meter Assets - effective until April 30, 2017	\$	0.22
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$	0.25
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$	(1.40)
Distribution Volumetric Rate	\$/kWh	0.0077
Low Voltage Service Rate	\$/kWh	0.0017
Rate Rider for Recovery of LRAM Variance Account (2016) – effective until April 30, 2017	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2016)- effective until April 30, 2017	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2016)- effective until April 30, 2017 Applicable only for Non-RPP customers	\$/kWh	0.0034
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017 Applicable only for customers of the former Dutton rate zone	\$/kWh	0.0004
Rate Rider for Disposition of Global Adjustment Account (2013) - effective until April 30, 2017 Applicable only for Non-RPP customers of the former Dutton rate zone	\$/kWh	0.0083
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017 Applicable only for customers of the former Newbury rate zone	\$/kWh	0.0023
Rate Rider for Disposition of Global Adjustment Account (2013) - effective until April 30, 2017 Applicable only for Non-RPP customers of the former Newbury rate zone	\$/kWh	0.0031
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2017 Applicable only for customers of the former Newbury rate zone	\$/kWh	0.0052
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2017 Applicable only for Non-RPP customers of the former Newbury rate zone	\$/kWh	(0.0003)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Issued March 17, 2016

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

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

In this class:

"Aboriginal person" includes a person who is a First Nations person, a Métis person or an Inuit person;

"account-holder" means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

"electricity-intensive medical device" means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

"household" means the account-holder and any other people living at the accountholder's service address for at least six months in a year, including people other than the account-holder's spouse, children or other relatives;

"household income" means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

(a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons;

(d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;

but does not include account-holders in Class E.

OESP Credit	\$	(30.00)
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Class B

(a) account-holders with a household income of \$28,000 or less living in a household of three persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;

but does not include account-holders in Class F.

OESP Credit	\$	(34.00)
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Class C

(a) account-holders with a household income of \$28,000 or less living in a household of four persons;

(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;

(c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;

but does not include account-holders in Class G.

OESP Credit	\$	(38.00)
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Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

Class D

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons;
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;
but does not include account-holders in Class H.

OESP Credit \$ (42.00)

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
(b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
(c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;
ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

Class I

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
(b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
(c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose average monthly maximum gross demand over a period of 12 consecutive months is less than, or is forecast to be less than, 50 kW and includes multi-unit residential establishments such as apartment buildings supplied through one service (bulk-metered) with greater than 6 units. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.00
Rate Rider for the Recovery of Stranded Meter Assets - effective until April 30, 2017	\$	2.94
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0099
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Recovery of LRAM Variance Account (2016) - effective until April 30, 2017	\$/kWh	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017	\$/kWh	0.0035
Applicable only for Non-RPP Customers		
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016)	\$/kWh	0.0004
- effective until April 30, 2017		
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kWh	(0.0022)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017	\$/kWh	0.0004
Applicable only for customers of the former Dutton rate zone		
Rate Rider for Disposition of Global Adjustment Account (2013) - effective until April 30, 2017	\$/kWh	0.0083
Applicable only for Non-RPP customers of the former Dutton rate zone		
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017	\$/kWh	0.0023
Applicable only for customers of the former Newbury rate zone		
Rate Rider for Disposition of Global Adjustment Account (2013) - effective until April 30, 2017	\$/kWh	0.0031
Applicable only for Non-RPP customers of the former Newbury rate zone		
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2017	\$/kWh	0.0059
Applicable only for customers of the former Newbury rate zone		
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2017	\$/kWh	(0.0003)
Applicable only for Non-RPP customers of the former Newbury rate zone		
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose average monthly maximum gross demand over a period of 12 consecutive months is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Class A and Class B customers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	97.27
Rate Rider for the Recovery of Stranded Meter Assets – effective until April 30, 2017	\$	13.35
Distribution Volumetric Rate	\$/kW	3.2218
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Recovery of LRAM Variance Account (2016) - effective until April 30, 2017	\$/kW	0.0563
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017 Applicable for all customers who are not Wholesale Market Participants	\$/kW	0.5791
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017 Applicable only for Wholesale Market Participants	\$/kW	0.4317
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Class B, Non-RPP Customers who are not Wholesale Market Participants	\$/kW	1.3567
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.1454
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.8185)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017 Applicable only for customers of the former Newbury rate zone	\$/kW	0.8703
Rate Rider for Disposition of Global Adjustment Account (2013) - effective until April 30, 2017 Applicable only for Class B, Non-RPP Customers of the former Newbury rate zone who are not Wholesale Market Participants	\$/kW	1.1795
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2017 Applicable only for customers of the former Newbury rate zone	\$/kW	1.6790
Rate Rider for Disposition of Global Adjustment Account (2015) - effective until April 30, 2017 Applicable only for Class B, Non-RPP Customers of the former Newbury rate zone who are not Wholesale Market Participants	\$/kW	(0.1012)
Retail Transmission Rate - Network Service Rate	\$/kW	2.6640
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	1.9890

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Issued March 17, 2016

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum gross demand over a period of 12 consecutive months is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1,484.36
Distribution Volumetric Rate	\$/kW	2.2668
Low Voltage Service Rate (see Note 1)	\$/kW	0.6818
Rate Rider for Recovery of LRAM Variance Account (2016) - effective until April 30, 2017	\$/kW	0.2464
Rate Rider for Disposition of Deferral/Variance Accounts (2016)- effective until April 30, 2017	\$/kW	0.6596
Rate Rider for Disposition of Global Adjustment Account (2016)- effective until April 30, 2017 Applicable only for Non-RPP Customers who are not Wholesale Market Participants	\$/kW	(0.0827)
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.1655
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.9313)
Retail Transmission Rate - Network Service Rate	\$/kW	2.8267
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1867

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	8.03
Distribution Volumetric Rate	\$/kWh	0.0015
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0015
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017 Applicable only for Non-RPP customers	\$/kWh	0.0042
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kWh	0.0004
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kWh	(0.0022)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7.30
Distribution Volumetric Rate	\$/kW	0.6543
Low Voltage Service Rate	\$/kW	0.4661
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.5489
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.1382
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.7777)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017 Applicable only for the customers of the former Dutton rate zone	\$/kW	0.1949
Retail Transmission Rate - Network Service Rate	\$/kW	1.9570
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4948

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved OEB street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1.11
Distribution Volumetric Rate	\$/kW	0.9331
Low Voltage Service Rate	\$/kW	0.4552
Rate Rider for Recovery of LRAM Variance Account (2016) - effective until April 30, 2017	\$/KW	0.0007
Rate Rider for Disposition of Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.5117
Rate Rider for Disposition of Global Adjustment Account (2016) - effective until April 30, 2017	\$/kW	1.1613
Applicable only for Non-RPP Customers		
Rate Rider for Disposition of Group Two Deferral/Variance Accounts (2016) - effective until April 30, 2017	\$/kW	0.1290
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.7260)
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017	\$/kW	0.1495
Applicable only for the customers of the former Dutton rate zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2013) - effective until April 30, 2017	\$/kWh	2.8111
Applicable only for Non-RPP customers of the former Dutton rate zone		
Rate Rider for Disposition of Deferral/Variance Accounts (2013) - effective until April 30, 2017	\$/kW	0.7742
Applicable only for the customers of the former Newbury rate zone		
Rate Rider for Disposition of Global Adjustment Account (2013) - effective until April 30, 2017	\$/kW	1.0492
Applicable only for Non-RPP customers of the former Newbury rate zone		
Rate Rider for Disposition of Deferral/Variance Accounts (2015) - effective until April 30, 2017	\$/kW	1.6468
Applicable only for the customers of the former Newbury rate zone		
Rate Rider for Disposition of Global Adjustment Sub-Account (2015) - effective until April 30, 2017	\$/kW	(0.0909)
Applicable only for Non-RPP customers of the former Newbury rate zone		
Retail Transmission Rate - Network Service Rate	\$/kW	1.9369
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4600

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	128.86
Low Voltage Service Rate	\$/kW	0.6201
Retail Transmission Rate - Network Service Rate	\$/kW	2.6640
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9890

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

STANDBY POWER SERVICE

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide backup service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

General Service > 50 kW Standby Charge – for a customer whose facility is in the General Service > 50 kW rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer capacity contracted by a facility exceeds the actual demand.	\$/kW	3.2218
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Large Use Standby Charge – for a customer whose facility is in the Large Use rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer capacity contracted by a facility exceeds the actual demand.	\$/kW	2.2668
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Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2016

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

EB-2015-0061

microFIT SERVICE CLASSIFICATION

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

APPLICATION

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

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

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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EB-2015-0061

ALLOWANCES

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

SPECIFIC SERVICE CHARGES

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

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

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

Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account setup charge/change of occupancy charge	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment – per month	%	1.50
Late payment – per annum	%	19.56
Disconnect/reconnect charge – at meter – during regular hours	\$	65.00
Disconnect/reconnect charge – at meter – after regular hours	\$	185.00

Other

Temporary service install and remove – overhead – no transformer	\$	500.00
Temporary service install and remove – overhead – with transformer	\$	1,000.00
Specific charge for access to the power poles – per pole/year (with the exception of wireless attachments)	\$	22.35
Switching for company maintenance – charge based on time and materials	\$	T&M

Entegrus Powerlines Inc.

TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2016

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

EB-2015-0061

RETAIL SERVICE CHARGES (if applicable)

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

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly fixed charge, per retailer	\$	20.00
Monthly variable charge, per customer, per retailer	\$/cust	0.50
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust	0.30
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust	(0.30)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	No charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0432
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0149
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0328
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0049

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2016

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EB-2015-0061

NOTES

- 1) The Billing Demand for Line and Transformation Connection Services and Low Voltage Services is defined as the Non-Coincident Peak demand (MW) in any hour of the month. The customer demand in any hour is the sum of (a) the loss-adjusted demand supplied from the distribution system plus (b) the demand that is supplied by embedded generation installed after October 1998, which have installed capacity of 2MW or more for renewable generation and 1 MW or higher for non-renewable generation. The term renewable generation refers to a facility that generates electricity from the following sources: wind, solar, Biomass, Bio-oil, Bio-gas, landfill gas, or water. The demand supplied by embedded generation will not be adjusted for losses.

ATTACHMENT B

2017 IRM Rate Generator Model

Version 1.3, Issued August 25, 2016

Incentive Regulation Model for 2017 Filers

Quick Links

[Ontario Energy Board's 2017 Electricity Distribution Rates Webpage](#)

[Chapter 3 of the Filing Requirements for Electricity Distribution Rate Applications – 2016 Edition for 2017 Rate Applications](#)

Version 1.3

Utility Name	Entegrus Powerlines Inc.
Assigned EB Number	EB-2016-0063
Name of Contact and Title	Andrya Eagen, Manager of Regulatory & Reporting
Phone Number	519-352-6300 Ext 243
Email Address	andrya.eagen@entegrus.com
We are applying for rates effective	Monday, May 01, 2017
Rate-Setting Method	Price Cap IR
Please indicate in which Rate Year the Group 1 accounts were last cleared ¹	2016
Please indicate the last Cost of Service Re-Basing Year	2016

Notes

Pale green cells represent input cells.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number
Group 1 Accounts	
LV Variance Account	1550
Smart Metering Entity Charge Variance Account	1551
RSVA - Wholesale Market Service Charge	1580
Variance WMS – Sub-account CBR Class A	1580
Variance WMS – Sub-account CBR Class B	1580
RSVA - Retail Transmission Network Charge	1584
RSVA - Retail Transmission Connection Charge	1586
RSVA - Power	1588
RSVA - Global Adjustment	1589
Disposition and Recovery/Refund of Regulatory Balances (2009) ¹	1595
Disposition and Recovery/Refund of Regulatory Balances (2010) ¹	1595
Disposition and Recovery/Refund of Regulatory Balances (2011) ¹	1595
Disposition and Recovery/Refund of Regulatory Balances (2012) ¹	1595
Disposition and Recovery/Refund of Regulatory Balances (2013) ¹	1595
Disposition and Recovery/Refund of Regulatory Balances (2014) ¹	1595
Disposition and Recovery/Refund of Regulatory Balances (2015) ¹	1595
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595
RSVA - Global Adjustment	1589
Total Group 1 Balance excluding Account 1589 - Global Adjustment	
Total Group 1 Balance	
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568
Total including Account 1568	

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

- 1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
- 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
- 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
- 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2010									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2010	Transactions ² Debit / (Credit) during 2010	OEB-Approved Disposition during 2010	Principal Adjustments ³ during 2010	Closing Principal Balance as of Dec 31, 2010	Opening Interest Amounts as of Jan 1, 2010	Interest Jan 1 to Dec 31, 2010	OEB-Approved Disposition during 2010	Interest Adjustments ⁴ during 2010	Closing Interest Amounts as of Dec 31, 2010
Group 1 Accounts											
LV Variance Account	1550					0					0
Smart Metering Entity Charge Variance Account	1551					0					0
RSVA - Wholesale Market Service Charge	1580					0					0
Variance WMS – Sub-account CBR Class A	1580					0					0
Variance WMS – Sub-account CBR Class B	1580					0					0
RSVA - Retail Transmission Network Charge	1584					0					0
RSVA - Retail Transmission Connection Charge	1586					0					0
RSVA - Power	1588					0					0
RSVA - Global Adjustment	1589					0					0
Disposition and Recovery/Refund of Regulatory Balances (2009) ¹	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2010) ¹	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2011) ¹	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2012) ¹	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2013) ¹	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2014) ¹	1595					0					0
Disposition and Recovery/Refund of Regulatory Balances (2015) ¹	1595					0					0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595					0					0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568										
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2011									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2011	Transactions ² Debit/ (Credit) during 2011	OEB-Approved Disposition during 2011	Principal Adjustments ³ during 2011	Closing Principal Balance as of Dec 31, 2011	Opening Interest Amounts as of Jan 1, 2011	Interest Jan 1 to Dec 31, 2011	OEB-Approved Disposition during 2011	Interest Adjustments ³ during 2011	Closing Interest Amounts as of Dec 31, 2011
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power	1588	0				0	0				0
RSVA - Global Adjustment	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568					0					0
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2012									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2012	Transactions ² Debit / (Credit) during 2012	OEB-Approved Disposition during 2012	Principal Adjustments ³ during 2012	Closing Principal Balance as of Dec 31, 2012	Opening Interest Amounts as of Jan 1, 2012	Interest Jan 1 to Dec 31, 2012	OEB-Approved Disposition during 2012	Interest Adjustments ³ during 2012	Closing Interest Amounts as of Dec 31, 2012
Group 1 Accounts											
LV Variance Account	1550	0				0	0				0
Smart Metering Entity Charge Variance Account	1551	0				0	0				0
RSVA - Wholesale Market Service Charge	1580	0				0	0				0
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0				0	0				0
RSVA - Retail Transmission Connection Charge	1586	0				0	0				0
RSVA - Power	1588	0				0	0				0
RSVA - Global Adjustment	1589	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	0	0	0	0	0	0	0
Total Group 1 Balance		0	0	0	0	0	0	0	0	0	0
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		0	0	0	0	0	0	0	0	0	0

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2013									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2013	Transactions ² Debit/ (Credit) during 2013	OEB-Approved Disposition during 2013	Principal Adjustments ¹ during 2013	Closing Principal Balance as of Dec 31, 2013	Opening Interest Amounts as of Jan 1, 2013	Interest Jan 1 to Dec 31, 2013	OEB-Approved Disposition during 2013	Interest Adjustments ³ during 2013	Closing Interest Amounts as of Dec 31, 2013
Group 1 Accounts											
LV Variance Account	1550	0			795,920	795,920	0			14,654	14,654
Smart Metering Entity Charge Variance Account	1551	0			28,531	28,531	0			(11)	(11)
RSVA - Wholesale Market Service Charge	1580	0			(1,433,056)	(1,433,056)	0			(28,306)	(28,306)
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	0			283,727	283,727	0			4,140	4,140
RSVA - Retail Transmission Connection Charge	1586	0			1,139,670	1,139,670	0			14,250	14,250
RSVA - Power	1588	0			827,485	827,485	0			14,484	14,484
RSVA - Global Adjustment	1589	0			298,644	298,644	0			1,455	1,455
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	0			(398,926)	(398,926)	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	0			61,625	61,625	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	0			37,123	37,123	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	0			766,362	766,362	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	0			0	0	0			0	0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595	0			0	0	0			0	0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0			0	0	0			0	0
RSVA - Global Adjustment	1589	0	0	0	298,644	298,644	0	0	0	1,455	1,455
Total Group 1 Balance excluding Account 1589 - Global Adjustment		0	0	0	2,108,462	2,108,462	0	0	0	19,211	19,211
Total Group 1 Balance		0	0	0	2,407,106	2,407,106	0	0	0	20,666	20,666
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0				0	0				0
Total including Account 1568		0	0	0	2,407,106	2,407,106	0	0	0	20,666	20,666

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Check to Dispose of Account

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2014									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2014	Transactions ² Debit/ (Credit) during 2014	OEB-Approved Disposition during 2014	Principal Adjustments ⁴ during 2014	Closing Principal Balance as of Dec 31, 2014	Opening Interest Amounts as of Jan 1, 2014	Interest Jan 1 to Dec 31, 2014	OEB-Approved Disposition during 2014	Interest Adjustments ³ during 2014	Closing Interest Amounts as of Dec 31, 2014
Group 1 Accounts											
LV Variance Account	1550	795,920	316,174	193,842		918,252	14,654	11,910	7,147		19,418
Smart Metering Entity Charge Variance Account	1551	28,531	(3,201)	0		25,330	(11)	(11)	0		(22)
RSVA - Wholesale Market Service Charge	1580	(1,433,056)	(60,007)	(219,117)		(1,273,946)	(28,306)	(13,083)	(6,364)		(35,024)
Variance WMS – Sub-account CBR Class A	1580	0				0	0				0
Variance WMS – Sub-account CBR Class B	1580	0				0	0				0
RSVA - Retail Transmission Network Charge	1584	283,727	25,956	(52,223)		361,906	4,140	6,986	(764)		11,890
RSVA - Retail Transmission Connection Charge	1586	1,139,670	677,059	9,335		1,807,394	14,250	20,995	199		35,046
RSVA - Power	1588	827,485	378,537	(66,869)		1,272,891	14,484	24,750	145		39,089
RSVA - Global Adjustment	1589	298,644	1,761,560	(142,123)		2,202,326	1,455	25,275	(5,350)		32,080
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	(398,926)	11,200	0		(387,726)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	61,625	(8,444)	26,439		26,742	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	37,123	(630)	0		36,493	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	766,362	(802,699)	0		(36,337)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	0	(267,888)	(201,022)		(66,866)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595	0				0	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	0				0	0				0
RSVA - Global Adjustment	1589	298,644	1,761,560	(142,123)	0	2,202,326	1,455	25,275	(5,350)	0	32,080
Total Group 1 Balance excluding Account 1589 - Global Adjustment		2,108,462	266,057	(309,615)	0	2,684,134	19,211	51,548	364	0	70,396
Total Group 1 Balance		2,407,106	2,027,616	(451,738)	0	4,886,460	20,666	76,823	(4,987)	0	102,476
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	0	370,620	100,310		270,310	0	2,761			2,761
Total including Account 1568		2,407,106	2,398,237	(351,428)	0	5,156,770	20,666	79,584	(4,987)	0	105,237

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1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

		2015									
Account Descriptions	Account Number	Opening Principal Amounts as of Jan 1, 2015	Transactions ¹ Debit/ (Credit) during 2015	OEB-Approved Disposition during 2015	Principal Adjustments ² during 2015	Closing Principal Balance as of Dec 31, 15	Opening Interest Amounts as of Jan 1, 15	Interest Jan 1 to Dec 31, 15	OEB-Approved Disposition during 2015	Interest Adjustments ³ during 2015	Closing Interest Amounts as of Dec 31, 15
Group 1 Accounts											
LV Variance Account	1550	918,252	1,459,884	602,079		1,776,058	19,418	(293)	7,508		11,618
Smart Metering Entity Charge Variance Account	1551	25,330	(2,512)	28,531		(5,713)	(22)	(794)	(11)		(805)
RSVA - Wholesale Market Service Charge	1580	(1,273,946)	(1,754,633)	(1,213,939)	(253,957)	(2,068,598)	(35,024)	13,183	(21,942)	(842)	(742)
Variance WMS – Sub-account CBR Class A	1580	0			11,226	11,226	0			36	36
Variance WMS – Sub-account CBR Class B	1580	0			242,731	242,731	0			805	805
RSVA - Retail Transmission Network Charge	1584	361,906	(367,759)	335,950		(341,804)	11,890	(5,163)	4,904		1,823
RSVA - Retail Transmission Connection Charge	1586	1,807,394	(188,211)	1,130,335		488,848	35,046	(8,289)	14,051		12,706
RSVA - Power	1588	1,272,891	(155,234)	894,354		223,303	39,089	(3,448)	14,339		21,302
RSVA - Global Adjustment	1589	2,202,326	(585,729)	440,766		1,175,831	32,080	15,257	6,805		40,531
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595	0				0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595	(387,726)	775,449	387,723		0	0				0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595	26,742	(21,840)	0		4,901	0				0
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595	36,493	(72,753)	(36,260)		(0)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	(36,337)	(27,796)	0		(64,132)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595	(66,866)	59,793	0		(7,072)	0				0
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595	0	2,784,062	2,088,743		695,318	0				0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>											
RSVA - Global Adjustment	1589	2,202,326	(585,729)	440,766	0	1,175,831	32,080	15,257	6,805	0	40,531
Total Group 1 Balance excluding Account 1589 - Global Adjustment		2,684,134	2,488,449	4,217,517	0	955,066	70,396	(4,804)	18,848	0	46,744
Total Group 1 Balance		4,886,460	1,902,720	4,658,283	0	2,130,897	102,476	10,452	25,653	0	87,275
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	270,310	210,482	120,758	135,739	495,773	2,761	3,091	3,197	7,751	10,406
Total including Account 1568		5,156,770	2,113,202	4,779,041	135,739	2,626,671	105,237	13,544	28,850	7,751	97,681

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

If you have a Class A customer, 1580 sub-account CBR Class B will be disposed through a rate rider calculated outside the model (if significant).

If you have only Class B customers, the balance applicable to Class B will be allocated and disposed with account 1580.

Please click if you have one or more Class A customers.

Account Descriptions	Account Number	2016				Projected Interest on Dec-31-15 Balances				2.1.7 RRR
		Principal Disposition during 2016 - instructed by OEB	Interest Disposition during 2016 - instructed by OEB	Closing Principal Balances as of Dec 31, 2016 Adjusted for Dispositions during 2016	Closing Interest Balances as of Dec 31, 15 Adjusted for Disposition in 2016	Projected Interest from Jan 1, 2016 to Dec 31, 2016 on Dec 31 -15 balance adjusted for disposition during 2016 ³	Projected Interest from January 1, 2017 to April 30, 2017 on Dec 31 -15 balance adjusted for disposition during 2016 ³	Total Interest	Total Claim	As of Dec 31-15
Group 1 Accounts										
LV Variance Account	1550	316,174	16,548	1,459,884	(4,930)	16,059	5,353	16,482	1,476,365	1,787,675
Smart Metering Entity Charge Variance Account	1551	(3,201)	(58)	(2,512)	(747)	(28)	(9)	(784)	(3,296)	(6,518)
RSVA - Wholesale Market Service Charge	1580	(60,007)	(13,963)	(2,008,590)	13,221	(22,094)	(7,365)	(16,238)	(2,024,829)	(1,814,540)
Variance WMS – Sub-account CBR Class A	1580			11,226	36	123	41	201	<input type="checkbox"/> Check to Dispose of Account (Disabled)	0
Variance WMS – Sub-account CBR Class B	1580			242,731	805	2,670	890	4,365	<input type="checkbox"/> Check to Dispose of Account	0
RSVA - Retail Transmission Network Charge	1584	25,956	7,367	(367,759)	(5,544)	(4,045)	(1,348)	(10,937)	(378,697)	(339,981)
RSVA - Retail Transmission Connection Charge	1586	677,059	30,925	(188,211)	(18,220)	(2,070)	(690)	(20,980)	(209,191)	501,554
RSVA - Power	1588	226,751	30,302	(3,448)	(9,000)	(38)	(13)	(9,050)	(12,498)	244,605
RSVA - Global Adjustment	1589	1,761,560	51,111	(585,729)	(10,580)	(6,443)	(2,148)	(19,170)	(604,899)	1,216,362
Disposition and Recovery/Refund of Regulatory Balances (2009) ⁴	1595			0	0			0	<input type="checkbox"/> Check to Dispose of Account	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ⁴	1595			0	0			0	<input type="checkbox"/> Check to Dispose of Account	0
Disposition and Recovery/Refund of Regulatory Balances (2011) ⁴	1595			4,901	0			0	<input type="checkbox"/> Check to Dispose of Account	4,901
Disposition and Recovery/Refund of Regulatory Balances (2012) ⁴	1595			(0)	0			0	<input type="checkbox"/> Check to Dispose of Account	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ⁴	1595	(115,634)		51,502	0			0	<input type="checkbox"/> Check to Dispose of Account	(64,132)
Disposition and Recovery/Refund of Regulatory Balances (2014) ⁴	1595			(7,072)	0			0	<input type="checkbox"/> Check to Dispose of Account	(7,072)
Disposition and Recovery/Refund of Regulatory Balances (2015) ⁴	1595				0			0	<input type="checkbox"/> Check to Dispose of Account	0
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595			695,318	0			0	<input type="checkbox"/> Check to Dispose of Account	695,318
RSVA - Global Adjustment	1589	1,761,560	51,111	(585,729)	(10,580)	(6,443)	(2,148)	(19,170)	(604,899)	1,216,362
Total Group 1 Balance excluding Account 1589 - Global Adjustment		1,067,097	71,121	(112,031)	(24,377)	(9,423)	(3,141)	(36,942)	(1,154,317)	1,001,809
Total Group 1 Balance		2,828,656	122,232	(697,759)	(34,957)	(15,866)	(5,289)	(56,112)	(1,759,216)	2,218,171
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	207,973	4,716	287,801	5,690			5,690	293,491	362,690
Total including Account 1568		3,036,629	126,948	(409,959)	(29,267)	(15,866)	(5,289)	(50,422)	(1,465,725)	2,580,861

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

1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.

2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.

3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.

4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

Please complete the following continuity schedule for the following Deferral/Variance Accounts. Enter information into green cells only. Column BU has been prepopulated from the latest 2.1.7 RRR filing.

When inputting balances in the continuity schedule, Account 1580 RSVA - Wholesale Market Service Charge is to exclude any amounts relating to CBR. The CBR amounts are to be entered separately in the Class A and Class B 1580 sub-accounts. Only Class B amounts are to be disposed. Class A amounts are not to be disposed.

If you have received approval to dispose of balances from prior years, the starting point for entries in the schedule below will be the balance sheet date as per your general ledger for which you received approval. For example, if in the 2016 EDR process (CoS or IRM) you received approval for the December 31, 2014 balances, the starting point for your entries below should be the 2013 year. This will allow for the correct starting point for the 2014 opening balance columns for both principal and interest.

Please refer to the footnotes for further instructions.

Account Descriptions	Account Number	Variance
		RRR vs. 2015 Balance (Principal + Interest)
Group 1 Accounts		
LV Variance Account	1550	(0)
Smart Metering Entity Charge Variance Account	1551	(0)
RSVA - Wholesale Market Service Charge	1580	254,799
Variance WMS – Sub-account CBR Class A	1580	(11,262)
Variance WMS – Sub-account CBR Class B	1580	(243,537)
RSVA - Retail Transmission Network Charge	1584	(0)
RSVA - Retail Transmission Connection Charge	1586	0
RSVA - Power	1588	0
RSVA - Global Adjustment	1589	(0)
Disposition and Recovery/Refund of Regulatory Balances (2009) ¹	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2010) ¹	1595	(0)
Disposition and Recovery/Refund of Regulatory Balances (2011) ¹	1595	(0)
Disposition and Recovery/Refund of Regulatory Balances (2012) ¹	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2013) ¹	1595	0
Disposition and Recovery/Refund of Regulatory Balances (2014) ¹	1595	(1)
Disposition and Recovery/Refund of Regulatory Balances (2015) ¹	1595	(0)
<i>Not to be disposed of unless rate rider has expired and balance has been audited</i>	1595	(0)
RSVA - Global Adjustment	1589	(0)
Total Group 1 Balance excluding Account 1589 - Global Adjustment		(1)
Total Group 1 Balance		(1)
LRAM Variance Account (only input amounts if applying for disposition of this account)	1568	(143,490)
Total including Account 1568		(143,491)

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

- 1 Please provide explanations for the nature of the adjustments. If the adjustment relates to previously OEB-Approved disposed balances, please provide amounts for adjustments and include supporting documentations.
- 2 For RSVA accounts only, report the net variance to the account during the year. For all other accounts, record the transactions during the year.
- 3 If the LDC's rate year begins on January 1, 2017, the projected interest is recorded from January 1, 2016 to December 31, 2016 on the December 31, 2015 balances adjusted for the disposed balances approved by the OEB in the 2016 rate decision. If the LDC's rate year begins on May 1, 2017, the projected interest is recorded from January 1, 2016 to April 30, 2017 on the December 31, 2015 balances adjusted for the disposed interest balances approved by the OEB in the 2016 rate decision.
- 4 Include Account 1595 as part of Group 1 accounts (lines 30-36) for review and disposition if the recovery (or refund) period has been completed. If the recovery (or refund) period has not been completed, do not include the respective balance in Account 1595 for disposition at this time.

Incentive Regulation Model for 2017 Filers

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

Click on the checkbox to confirm the accuracy of the data below:

If you have identified any issues, please [contact](#) the OEB.

YES

Rate Class	Unit	Total Metered kWh	Total Metered kW	Metered kWh for Non-RPP Customers	Metered kW for Non-RPP Customers	Metered kWh for Wholesale Market Participants (WMP)	Metered kW for Wholesale Market Participants (WMP)	Total Metered kWh less WMP consumption (if applicable)	Total Metered kW less WMP consumption (if applicable)	1595 Recovery Proportion (2011) ¹	1595 Recovery Proportion (2014) ¹	1568 LRAM Variance Account Class Allocation (\$ amounts)	Number of Customers for Residential and GS<50 classes ³
RESIDENTIAL SERVICE CLASSIFICATION	kWh	280,745,450	0	22,660,288	0			280,745,450	0	55%	2%	\$71,525	36,287
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	111,900,367	0	18,245,892	0			111,900,367	0	44%	12%	\$88,038	3,913
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	462,999,618	1,198,843	415,369,108	1,065,446	8,839,030	32,308	454,160,589	1,166,534		84%	\$96,713	
LARGE USE SERVICE CLASSIFICATION	kW	58,616,830	149,040	58,616,830	149,040			58,616,830	149,040		3%	\$37,063	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,247,803	0	0	0			1,247,803	0				
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	398,326	1,106	6,486	0			398,326	1,106				
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,429,834	21,993	7,429,834	21,993			7,429,834	21,993	1%	-1%	\$152	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	4,293,007	9,594	4,293,007	9,594			4,293,007	9,594				
Total		927,631,236	1,380,576	526,621,447	1,246,073	8,839,030	32,308	918,792,206	1,348,268	100%	100%	\$293,491	40,200

Threshold Test

Total Claim (including Account 1568)	(\$1,465,725)
Total Claim for Threshold Test (All Group 1 Accounts)	(\$1,759,216)
Threshold Test (Total claim per kWh) ²	(\$0.0019)

1568 Account Balance from Continuity Schedule	\$293,491
Total Balance of Account 1568 in Column R DOES NOT MATCH the amount entered on the Continuity Schedule	

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

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

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

Incentive Regulation Model for 2017 Filers

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

Allocation of Group 1 Accounts (including Account 1568)

Rate Class	% of Total kWh	% of Total non-RPP kWh	% of Customer Numbers **	% of Total kWh adjusted for WMP	allocated based on Total less WMP				allocated based on Total less WMP				
					1550	1551	1580	1584	1586	1588	1595 (2011)	1595 (2014)	1568
RESIDENTIAL SERVICE CLASSIFICATION	30.3%	4.3%	90.3%	30.6%	446,819	(2,975)	(618,705)	(114,612)	(63,311)	(3,819)	2,696	(141)	71,525
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	12.1%	3.5%	9.7%	12.2%	178,094	(321)	(246,605)	(45,682)	(25,235)	(1,522)	2,157	(873)	88,038
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	49.9%	78.9%	0.0%	49.4%	736,884	0	(1,000,876)	(189,015)	(104,411)	(6,178)	0	(5,912)	96,713
LARGE USE SERVICE CLASSIFICATION	6.3%	11.1%	0.0%	6.4%	93,291	0	(129,179)	(23,930)	(13,219)	(797)	0	(231)	37,063
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	0.1%	0.0%	0.0%	0.1%	1,986	0	(2,750)	(509)	(281)	(17)	0	0	0
SENTINEL LIGHTING SERVICE CLASSIFICATION	0.0%	0.0%	0.0%	0.0%	634	0	(878)	(163)	(90)	(5)	0	0	0
STREET LIGHTING SERVICE CLASSIFICATION	0.8%	1.4%	0.0%	0.8%	11,825	0	(16,374)	(3,033)	(1,676)	(101)	49	79	152
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	0.5%	0.8%	0.0%	0.5%	6,833	0	(9,461)	(1,753)	(968)	(58)	0	0	0
Total	100.0%	100.0%	100.0%	100.0%	1,476,365	(3,296)	(2,024,829)	(378,697)	(209,191)	(12,498)	4,901	(7,077)	293,491

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

Incentive Regulation Model for 2017 Filers

Below is a GA calculation based on non-RPP consumption data minus Class A consumption. If a Class B customer switched into Class A during the 2015 rate year click this checkbox:

Identify the total billed consumption for former Class B customers prior to becoming Class A customers (i.e. Jan. 1 to June 30, 2015) in columns G.

The purpose of this tab is to calculate the GA rate riders for all current Class B customers of the distributor.

Effective January 2017, the billing determinant and all rate riders for the disposition of GA balances will be calculated on an energy basis (kWhs) regardless of the billing determinant used for distribution rates for the particular class (see Chapter 3, Filing Requirements, section 3.2.5.2)

		Total Metered Non-RPP consumption minus WMP	Total Metered Class A Consumption in 2015 (partial and/or full year Class A customers)*	Total Metered Consumption for New Class A customer(s) in the period prior to becoming Class A (i.e. Jan. 1 - June 30, 2015)	Metered Consumption for Current Class B Customers (Non-RPP consumption LESS WMP, Class A and new Class A's former Class B consumption if applicable)	% of total kWh	Total GA \$ allocated to Current Class B Customers	GA Rate Rider
		kWh	kWh	kWh	kWh			
RESIDENTIAL SERVICE CLASSIFICATION	kWh	22,660,288				5.2%	(\$30,046)	-\$0.0013
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	18,245,892				4.2%	(\$24,193)	-\$0.0013
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kWh	406,530,079	18,022,195	17,061,847	371,446,037	84.6%	(\$492,515)	-\$0.0013
LARGE USE SERVICE CLASSIFICATION	kWh	58,616,830	43,556,207		15,060,623	3.4%	(\$19,969)	-\$0.0013
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	0			0	0.0%	\$0	\$0.0000
SENTINEL LIGHTING SERVICE CLASSIFICATION	kWh	6,486			6,486	0.0%	(\$9)	-\$0.0013
STREET LIGHTING SERVICE CLASSIFICATION	kWh	7,429,834			7,429,834	1.7%	(\$9,852)	-\$0.0013
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kWh	4,293,007			4,293,007	1.0%	(\$5,692)	-\$0.0013
Total		517,782,417	61,578,401	17,061,847	439,142,169	100.0%	(\$582,276)	

*For new Class A customers (who became Class A in 2015), add their consumption only related to July to December period.



Incentive Regulation Model for 2017 Filers

This tab allocates the GA balance to former Class B customers who contributed to the current GA balance but are now Class A customers. The tables below calculate specific amounts for each customer who made the change. Consistent with both decisions for 2016 rates and EDDVAR, distributors are generally expected to settle the amount through 12 equal adjustments to bills. A one-time settlement is acceptable if the affected customer has expressed a clear preference for this approach. (see Filing Requirements section 3.2.5.2)

Year of Group 1 Account Balance Last Disposed

2014

(e.g. If in the 2015 EDR process, you received approval to dispose the GA variance account balance as of December 31, 2013, please enter 2013 in cell B16.)

Allocation of total Non-RPP consumption (kWh) between Class B and New Class A (Former Class B) customers

		Total	2015
Total Class B Consumption for Years Since Last Disposition (Non-RPP consumption LESS WMP and Class A)	A	456,204,016	456,204,016
New Class A Customer(s) Former Class B Consumption	B	17,061,847	17,061,847
Portion of Consumption of Former Class B Customers	C=B/A	3.74%	

Allocation of Total GA Balance \$

Total GA Balance	D	-\$	604,899
New Class A Customer(s) Former Class B Portion of GA Balance	E=C*D	-\$	22,623
GA Balance to be disposed to Current Class B Customers	F=D-E	-\$	582,276

Allocation of GA Balances to Former Class B Customers

# of Former Class B customer(s)		2				
Customer		Total Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A	Metered kWh Consumption for each new Class A customer for the period prior to becoming Class A in 2015	% of kWh	Customer specific GA allocation for the period prior to becoming Class A	Monthly Equal Payments
Customer 1		12,947,094	12,947,094	75.88%	-\$ 17,167	-\$ 1,431
Customer 2		4,114,752	4,114,752	24.12%	-\$ 5,456	-\$ 455
Total		17,061,847	17,061,847	100.00%	-\$ 22,623	

Incentive Regulation Model for 2017 Filers

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

Default Rate Rider Recovery Period (in months)

12

Proposed Rate Rider Recovery Period (in months)

12

Rate Rider Recovery to be used below

Rate Class	Unit	Total Metered kWh	Metered kW or kVA	Total Metered kWh less WMP consumption	Total Metered kW less WMP consumption	Allocation of Group 1 Account Balances to All Classes ²	Allocation of Group 1 Account Balances to Non-WMP Classes Only (If Applicable) ²	Deferral/Variance Account Rate Rider ²	Deferral/Variance Account Rate Rider for Non-WMP (if applicable) ²	Account 1568 Rate Rider	Revenue Reconciliation ¹
RESIDENTIAL SERVICE CLASSIFICATION	kWh	280,745,450	0	280,745,450	0	(354,049)		(0.0013)	0.0000	0.0003	
GENERAL SERVICE LESS THAN 50 kW SERVICE CLASSIFICATION	kWh	111,900,367	0	111,900,367	0	(139,988)		(0.0013)	0.0000	0.0008	
GENERAL SERVICE 50 TO 4,999 kW SERVICE CLASSIFICATION	kW	462,999,618	1,198,843	454,160,589	1,166,534	437,545	(1,007,054)	0.3650	(0.8633)	0.0807	
LARGE USE SERVICE CLASSIFICATION	kW	58,616,830	149,040	58,616,830	149,040	(74,065)		(0.4969)	0.0000	0.2487	
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,247,803	0	1,247,803	0	(1,572)		(0.0013)	0.0000	0.0000	
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	398,326	1,106	398,326	1,106	(502)		(0.4536)	0.0000	0.0000	
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,429,834	21,993	7,429,834	21,993	(9,230)		(0.4197)	0.0000	0.0069	
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	4,293,007	9,594	4,293,007	9,594	(5,407)		(0.5637)	0.0000	0.0000	(1,154,321.65)

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

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



Incentive Regulation Model for 2017 Filers

Summary - Sharing of Tax Change Forecast Amounts

For the 2016 year, enter any Tax Credits from the Cost of Service Tax Calculation (Positive #)

51,000

1. Tax Related Amounts Forecast from Capital Tax Rate Changes

	2016	2017
Taxable Capital (if you are not claiming capital tax, please enter your OEB-Approved Rate Base)	\$ 86,380,208	\$ 86,380,208
Deduction from taxable capital up to \$15,000,000		\$ -
Net Taxable Capital	\$ 86,380,208	\$ 86,380,208
Rate		0.00%
Ontario Capital Tax (Deductible, not grossed-up)	\$ -	\$ -

2. Tax Related Amounts Forecast from Income Tax Rate Changes

Regulatory Taxable Income	\$ 530,144	\$ 530,144
Corporate Tax Rate	26.50%	26.500%
Tax Impact	\$ 140,488	\$ 89,488
Grossed-up Tax Amount	\$ 121,752	\$ 121,752
Tax Related Amounts Forecast from Capital Tax Rate Changes	\$ -	\$ -
Tax Related Amounts Forecast from Income Tax Rate Changes	\$ 121,752	\$ 121,752
Total Tax Related Amounts	\$ 121,752	\$ 121,752
Incremental Tax Savings		\$ -
Sharing of Tax Amount (50%)		\$ -

Incentive Regulation Model for 2017 Filers

Calculation of Rebased Revenue Requirement and Allocation of Tax Sharing Amount. Enter data from the last OEB-Approved Cost of Service application in columns C through H. As per Chapter 3 Filing Requirements, shared tax rate riders are based on a 1 year disposition.

Rate Class		Re-based Billed Customers or Connections A	Re-based Billed kWh B	Re-based Billed kW C	Re-based Service Charge D	Re-based Distribution Volumetric Rate kWh E	Re-based Distribution Volumetric Rate kW F	Service Charge Revenue G = A * D * 12	Distribution Volumetric Rate Revenue kWh H = B * E	Distribution Volumetric Rate Revenue kW I = C * F	Revenue Requirement from Rates J = G + H + I	Service Charge % Revenue K = G / J	Distribution Volumetric Rate % Revenue kWh L = H / J	Distribution Volumetric Rate % Revenue kW M = I / J	Total % Revenue N = J / R
RESIDENTIAL SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
LARGE USE SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh							0	0	0	0	0.0%	0.0%	0.0%	0.0%
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
STREET LIGHTING SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW							0	0	0	0	0.0%	0.0%	0.0%	0.0%
Total		0	0	0				0	0	0	0				0.0%

Rate Class		Total kWh (most recent RRR filing)	Total kW (most recent RRR filing)	Allocation of Tax Savings by Rate Class	Distribution Rate Rider
RESIDENTIAL SERVICE CLASSIFICATION	kWh	280,745,450		0	0.00 \$/customer
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	kWh	111,900,367		0	0.0000 kWh
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	kW	462,999,618	1,198,843	0	0.0000 kW
LARGE USE SERVICE CLASSIFICATION	kW	58,616,830	149,040	0	0.0000 kW
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	kWh	1,247,803		0	0.0000 kWh
SENTINEL LIGHTING SERVICE CLASSIFICATION	kW	398,326	1,106	0	0.0000 kW
STREET LIGHTING SERVICE CLASSIFICATION	kW	7,429,834	21,993	0	0.0000 kW
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	kW	4,293,007	9,594	0	0.0000 kW
Total		927,631,236	1,380,576	\$0	

If the allocated tax sharing amount does not produce a rate rider in one or more rate class (except for the Standby rate class), a distributor is required to transfer the entire OEB-approved tax sharing amount into account 1595 for disposition at a later date (see Filing Requirements, Appendix B)

Incentive Regulation Model for 2017 Filers

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

Rate Class	Rate Description	Unit	Rate	Non-Loss Adjusted Metered kWh	Non-Loss Adjusted Metered kW	Applicable Loss Factor	Loss Adjusted Billed kWh
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	280,745,450	0	1.0432	292,873,654
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053	280,745,450	0	1.0432	292,873,654
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	111,900,367	0	1.0432	116,734,463
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	111,900,367	0	1.0432	116,734,463
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6640	462,999,618	1,198,843		
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	1.9890	462,999,618	1,198,843		
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8267	58,616,830	149,040		
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1867	58,616,830	149,040		
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	1,247,803	0	1.0432	1,301,708
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,247,803	0	1.0432	1,301,708
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9570	398,326	1,106		
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4948	398,326	1,106		
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9369	7,429,834	21,993		
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4600	7,429,834	21,993		
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6640	4,293,007	9,594		
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9890	4,293,007	9,594		

Incentive Regulation Model for 2017 Filers

Uniform Transmission Rates		Unit	2015	2016	2017
Rate Description			Rate		Rate
Network Service Rate	kW	\$	3.78	\$ 3.66	\$ 3.66
Line Connection Service Rate	kW	\$	0.86	\$ 0.87	\$ 0.87
Transformation Connection Service Rate	kW	\$	2.00	\$ 2.02	\$ 2.02

Hydro One Sub-Transmission Rates		Unit	2015 - 2016		2016	2017
Rate Description			Rate		Rate	Rate
			Jan - Apr 2015	May - Jan 2016	Feb - Dec 2016	
Network Service Rate	kW	\$	3.23	\$ 3.4121	\$ 3.3396	\$ 3.3396
Line Connection Service Rate	kW	\$	0.65	\$ 0.7879	\$ 0.7791	\$ 0.7791
Transformation Connection Service Rate	kW	\$	1.62	\$ 1.8018	\$ 1.7713	\$ 1.7713
Both Line and Transformation Connection Service Rate	kW	\$	2.27	\$ 2.5897	\$ 2.5504	\$ 2.5504

If needed, add extra host here. (I)		Unit	2015	2016	2017
Rate Description			Rate		Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -

If needed, add extra host here. (II)		Unit	2015	2016	2017
Rate Description			Rate		Rate
Network Service Rate	kW				
Line Connection Service Rate	kW				
Transformation Connection Service Rate	kW				
Both Line and Transformation Connection Service Rate	kW	\$	-	\$ -	\$ -

Low Voltage Switchgear Credit (if applicable, enter as a negative value)		Unit	Historical 2015	Current 2016	Forecast 2017
		\$			

Incentive Regulation Model for 2017 Filers

In the green shaded cells, enter billing detail for wholesale transmission for the same reporting period as the billing determinants on Tab 10. For Hydro One Sub-transmission Rates, if you are charged a combined Line and Transformer connection rate, please ensure that both the Line Connection and Transformation Connection columns are completed.

If any of the Hydro One Sub-transmission rates (column E, I and M) are highlighted in orange, please double check the billing data entered in "Units Billed" and "Amount" columns. The highlighted rates do not match the Hydro One Sub-transmission rates approved for that time period. If data has been entered correctly, please provide explanation for the discrepancy in rates.

IESO Month	Network			Line Connection			Transformation Connection			Total Line Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	89,818	\$3.78	\$ 339,512	96,735	\$0.86	\$ 83,192	96,735	\$2.00	\$ 193,470	\$ 276,662
February	86,206	\$3.78	\$ 325,859	93,182	\$0.86	\$ 80,137	93,182	\$2.00	\$ 186,364	\$ 266,501
March	82,258	\$3.78	\$ 310,935	83,910	\$0.86	\$ 72,163	83,910	\$2.00	\$ 167,820	\$ 239,983
April	69,537	\$3.78	\$ 262,850	73,580	\$0.86	\$ 63,279	73,580	\$2.00	\$ 147,160	\$ 210,439
May	83,887	\$3.78	\$ 317,093	86,324	\$0.86	\$ 74,239	86,324	\$2.00	\$ 172,648	\$ 246,887
June	93,820	\$3.78	\$ 354,640	99,866	\$0.86	\$ 85,885	99,866	\$2.00	\$ 199,732	\$ 285,617
July	113,603	\$3.78	\$ 429,419	117,290	\$0.86	\$ 100,869	117,290	\$2.00	\$ 234,580	\$ 335,449
August	109,341	\$3.78	\$ 413,309	114,561	\$0.86	\$ 98,522	114,561	\$2.00	\$ 229,122	\$ 327,644
September	114,612	\$3.78	\$ 433,233	118,975	\$0.86	\$ 102,319	118,975	\$2.00	\$ 237,950	\$ 340,269
October	73,542	\$3.78	\$ 277,989	79,960	\$0.86	\$ 68,766	79,960	\$2.00	\$ 159,920	\$ 228,686
November	75,765	\$3.78	\$ 286,392	81,240	\$0.86	\$ 69,866	81,240	\$2.00	\$ 162,480	\$ 232,346
December	75,664	\$3.78	\$ 286,010	82,177	\$0.86	\$ 70,672	82,177	\$2.00	\$ 164,354	\$ 235,026
Total	1,068,053	\$ 3.78	\$ 4,037,240	1,127,800	\$ 0.86	\$ 969,908	1,127,800	\$ 2.00	\$ 2,255,600	\$ 3,225,508

Hydro One Month	Network			Line Connection			Transformation Connection			Total Line Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	60,199	\$3.23	\$ 194,444	54,184	\$0.65	\$ 35,220	48,117	\$1.62	\$ 77,950	\$ 113,170
February	59,343	\$3.23	\$ 191,677	53,793	\$0.65	\$ 34,966	47,826	\$1.62	\$ 77,478	\$ 112,444
March	58,686	\$3.23	\$ 189,557	53,732	\$0.65	\$ 34,926	47,839	\$1.62	\$ 77,500	\$ 112,425
April	53,024	\$3.23	\$ 171,268	48,639	\$0.65	\$ 31,615	42,382	\$1.62	\$ 68,658	\$ 100,273
May	57,096	\$3.41	\$ 194,817	51,262	\$0.79	\$ 40,389	45,072	\$1.80	\$ 81,210	\$ 121,599
June	61,755	\$3.41	\$ 210,714	55,619	\$0.79	\$ 43,822	48,909	\$1.80	\$ 88,124	\$ 131,947
July	73,566	\$3.41	\$ 251,015	65,872	\$0.79	\$ 51,900	58,442	\$1.80	\$ 105,301	\$ 157,201
August	72,015	\$3.41	\$ 245,722	64,201	\$0.79	\$ 50,584	57,411	\$1.80	\$ 103,444	\$ 154,028
September	76,604	\$3.41	\$ 261,380	68,814	\$0.79	\$ 54,218	61,946	\$1.80	\$ 111,615	\$ 165,833
October	53,059	\$3.41	\$ 181,044	49,644	\$0.79	\$ 39,115	42,580	\$1.80	\$ 76,720	\$ 115,835
November	57,005	\$3.41	\$ 194,506	51,612	\$0.79	\$ 40,665	45,542	\$1.80	\$ 82,058	\$ 122,723
December	56,257	\$3.41	\$ 191,954	50,740	\$0.79	\$ 39,978	44,510	\$1.80	\$ 80,198	\$ 120,176
Total	738,609	\$ 3.36	\$ 2,478,098	668,112	\$ 0.74	\$ 497,399	590,577	\$ 1.74	\$ 1,030,256	\$ 1,527,655

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

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

Total Month	Network			Line Connection			Transformation Connection			Total Line Amount
	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	
January	150,017	\$ 3.5593	\$ 533,956	150,919	\$ 0.7846	\$ 118,412	144,852	\$ 1.8738	\$ 271,420	\$ 389,832
February	145,549	\$ 3.5558	\$ 517,536	146,975	\$ 0.7831	\$ 115,102	141,008	\$ 1.8711	\$ 263,842	\$ 378,944
March	140,944	\$ 3.5510	\$ 500,492	137,642	\$ 0.7780	\$ 107,088	131,749	\$ 1.8620	\$ 245,320	\$ 352,408
April	122,561	\$ 3.5421	\$ 434,118	122,219	\$ 0.7764	\$ 94,894	115,962	\$ 1.8611	\$ 215,818	\$ 310,712
May	140,983	\$ 3.6310	\$ 511,910	137,586	\$ 0.8331	\$ 114,628	131,396	\$ 1.9320	\$ 253,858	\$ 368,486
June	155,575	\$ 3.6340	\$ 565,353	155,485	\$ 0.8342	\$ 129,707	148,775	\$ 1.9348	\$ 287,856	\$ 417,563
July	187,169	\$ 3.6354	\$ 680,434	183,162	\$ 0.8341	\$ 152,770	175,732	\$ 1.9341	\$ 339,881	\$ 492,651
August	181,356	\$ 3.6339	\$ 659,031	178,762	\$ 0.8341	\$ 149,107	171,972	\$ 1.9338	\$ 332,566	\$ 481,673
September	191,216	\$ 3.6326	\$ 694,613	187,789	\$ 0.8336	\$ 156,537	180,921	\$ 1.9321	\$ 349,565	\$ 506,101
October	126,601	\$ 3.6258	\$ 459,033	129,604	\$ 0.8324	\$ 107,880	122,540	\$ 1.9311	\$ 236,640	\$ 344,521
November	132,770	\$ 3.6220	\$ 480,897	132,852	\$ 0.8320	\$ 110,532	126,782	\$ 1.9288	\$ 244,538	\$ 355,069
December	131,921	\$ 3.6231	\$ 477,964	132,917	\$ 0.8325	\$ 110,651	126,687	\$ 1.9304	\$ 244,552	\$ 355,202
Total	1,806,662	\$ 3.61	\$ 6,515,338	1,795,912	\$ 0.82	\$ 1,467,307	1,718,377	\$ 1.91	\$ 3,285,856	\$ 4,753,163

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,753,163

Incentive Regulation Model for 2017 Filers

The purpose of this sheet is to calculate the expected billing when current 2016 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	89,818	\$ 3.6600	\$ 328,734	96,735	\$ 0.8700	\$ 84,159	96,735	\$ 2.0200	\$ 195,405				\$ 279,564
February	86,206	\$ 3.6600	\$ 315,514	93,182	\$ 0.8700	\$ 81,068	93,182	\$ 2.0200	\$ 188,228				\$ 269,296
March	82,258	\$ 3.6600	\$ 301,064	83,910	\$ 0.8700	\$ 73,002	83,910	\$ 2.0200	\$ 169,498				\$ 242,500
April	69,537	\$ 3.6600	\$ 254,505	73,580	\$ 0.8700	\$ 64,015	73,580	\$ 2.0200	\$ 148,632				\$ 212,646
May	83,887	\$ 3.6600	\$ 307,026	86,324	\$ 0.8700	\$ 75,102	86,324	\$ 2.0200	\$ 174,374				\$ 249,476
June	93,820	\$ 3.6600	\$ 343,381	99,866	\$ 0.8700	\$ 86,883	99,866	\$ 2.0200	\$ 201,729				\$ 288,613
July	113,603	\$ 3.6600	\$ 415,787	117,290	\$ 0.8700	\$ 102,042	117,290	\$ 2.0200	\$ 236,926				\$ 338,968
August	109,341	\$ 3.6600	\$ 400,188	114,561	\$ 0.8700	\$ 99,668	114,561	\$ 2.0200	\$ 231,413				\$ 331,081
September	114,612	\$ 3.6600	\$ 419,480	118,975	\$ 0.8700	\$ 103,508	118,975	\$ 2.0200	\$ 240,330				\$ 343,838
October	73,542	\$ 3.6600	\$ 269,164	79,960	\$ 0.8700	\$ 69,565	79,960	\$ 2.0200	\$ 161,519				\$ 231,084
November	75,765	\$ 3.6600	\$ 277,300	81,240	\$ 0.8700	\$ 70,679	81,240	\$ 2.0200	\$ 164,105				\$ 234,784
December	75,664	\$ 3.6600	\$ 276,930	82,177	\$ 0.8700	\$ 71,494	82,177	\$ 2.0200	\$ 165,998				\$ 237,492
Total	1,068,053	\$ 3.66	\$ 3,909,074	1,127,800	\$ 0.87	\$ 981,186	1,127,800	\$ 2.02	\$ 2,278,156				\$ 3,259,342

Hydro One				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	60,199	\$ 3.4121	\$ 205,406	54,184	\$ 0.7879	\$ 42,692	48,117	\$ 1.8018	\$ 86,698				\$ 129,390
February	59,343	\$ 3.3396	\$ 198,181	53,793	\$ 0.7791	\$ 41,910	47,826	\$ 1.7713	\$ 84,714				\$ 126,625
March	58,686	\$ 3.3396	\$ 195,989	53,732	\$ 0.7791	\$ 41,862	47,839	\$ 1.7713	\$ 84,738				\$ 126,600
April	53,024	\$ 3.3396	\$ 177,080	48,639	\$ 0.7791	\$ 37,895	42,382	\$ 1.7713	\$ 75,070				\$ 112,965
May	57,096	\$ 3.3396	\$ 190,678	51,262	\$ 0.7791	\$ 39,938	45,072	\$ 1.7713	\$ 79,835				\$ 119,773
June	61,755	\$ 3.3396	\$ 206,236	55,619	\$ 0.7791	\$ 43,333	48,909	\$ 1.7713	\$ 86,633				\$ 129,965
July	73,566	\$ 3.3396	\$ 245,681	65,872	\$ 0.7791	\$ 51,320	58,442	\$ 1.7713	\$ 103,519				\$ 154,839
August	72,015	\$ 3.3396	\$ 240,501	64,201	\$ 0.7791	\$ 50,019	57,411	\$ 1.7713	\$ 101,693				\$ 151,712
September	76,604	\$ 3.3396	\$ 255,826	68,814	\$ 0.7791	\$ 53,613	61,946	\$ 1.7713	\$ 109,725				\$ 163,338
October	53,059	\$ 3.3396	\$ 177,197	49,644	\$ 0.7791	\$ 38,678	42,580	\$ 1.7713	\$ 75,422				\$ 114,099
November	57,005	\$ 3.3396	\$ 190,373	51,612	\$ 0.7791	\$ 40,211	45,542	\$ 1.7713	\$ 80,669				\$ 120,880
December	56,257	\$ 3.3396	\$ 187,875	50,740	\$ 0.7791	\$ 39,532	44,510	\$ 1.7713	\$ 78,840				\$ 118,372
Total	738,609	\$ 3.35	\$ 2,471,024	668,112	\$ 0.78	\$ 521,003	590,577	\$ 1.77	\$ 1,047,556				\$ 1,568,559

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

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

Total				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	150,017	\$ 3.5605	\$ 534,140	150,919	\$ 0.8405	\$ 126,851	144,852	\$ 1.9475	\$ 282,102				\$ 408,954
February	145,549	\$ 3.5294	\$ 513,695	146,975	\$ 0.8367	\$ 122,979	141,008	\$ 1.9356	\$ 272,942				\$ 395,921
March	140,944	\$ 3.5266	\$ 497,053	137,642	\$ 0.8345	\$ 114,864	131,749	\$ 1.9297	\$ 254,236				\$ 369,100
April	122,561	\$ 3.5214	\$ 431,585	122,219	\$ 0.8338	\$ 101,909	115,962	\$ 1.9291	\$ 223,702				\$ 325,611
May	140,983	\$ 3.5302	\$ 497,704	137,586	\$ 0.8361	\$ 115,040	131,396	\$ 1.9347	\$ 254,210				\$ 369,250
June	155,575	\$ 3.5328	\$ 549,618	155,485	\$ 0.8375	\$ 130,216	148,775	\$ 1.9382	\$ 288,362				\$ 418,578
July	187,169	\$ 3.5341	\$ 661,468	183,162	\$ 0.8373	\$ 153,363	175,732	\$ 1.9373	\$ 340,444				\$ 493,807
August	181,356	\$ 3.5328	\$ 640,689	178,762	\$ 0.8374	\$ 149,687	171,972	\$ 1.9370	\$ 333,106				\$ 482,793
September	191,216	\$ 3.5316	\$ 675,306	187,789	\$ 0.8367	\$ 157,121	180,921	\$ 1.9348	\$ 350,055				\$ 507,176
October	126,601	\$ 3.5257	\$ 446,361	129,604	\$ 0.8352	\$ 108,243	122,540	\$ 1.9336	\$ 236,941				\$ 345,184
November	132,770	\$ 3.5224	\$ 467,673	132,852	\$ 0.8347	\$ 110,890	126,782	\$ 1.9307	\$ 244,773				\$ 355,663
December	131,921	\$ 3.5234	\$ 464,806	132,917	\$ 0.8353	\$ 111,026	126,687	\$ 1.9326	\$ 244,838				\$ 355,864
Total	1,806,662	\$ 3.53	\$ 6,380,098	1,795,912	\$ 0.84	\$ 1,502,189	1,718,377	\$ 1.94	\$ 3,325,712				\$ 4,827,901

Low Voltage Switchgear Credit (if applicable) \$ -

Total including deduction for Low Voltage Switchgear Credit \$ 4,827,901

Incentive Regulation Model for 2017 Filers

The purpose of this sheet is to calculate the expected billing when forecasted 2017 Uniform Transmission Rates are applied against historical 2015 transmission units.

IESO				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	89,818	\$ 3.6600	\$ 328,734	96,735	\$ 0.8700	\$ 84,159	96,735	\$ 2.0200	\$ 195,405				\$ 279,564
February	86,206	\$ 3.6600	\$ 315,514	93,182	\$ 0.8700	\$ 81,068	93,182	\$ 2.0200	\$ 188,228				\$ 269,296
March	82,258	\$ 3.6600	\$ 301,064	83,910	\$ 0.8700	\$ 73,002	83,910	\$ 2.0200	\$ 169,498				\$ 242,500
April	69,537	\$ 3.6600	\$ 254,505	73,580	\$ 0.8700	\$ 64,015	73,580	\$ 2.0200	\$ 148,632				\$ 212,646
May	83,887	\$ 3.6600	\$ 307,026	86,324	\$ 0.8700	\$ 75,102	86,324	\$ 2.0200	\$ 174,374				\$ 249,476
June	93,820	\$ 3.6600	\$ 343,381	99,866	\$ 0.8700	\$ 86,883	99,866	\$ 2.0200	\$ 201,729				\$ 288,613
July	113,603	\$ 3.6600	\$ 415,787	117,290	\$ 0.8700	\$ 102,042	117,290	\$ 2.0200	\$ 236,926				\$ 338,968
August	109,341	\$ 3.6600	\$ 400,188	114,561	\$ 0.8700	\$ 99,668	114,561	\$ 2.0200	\$ 231,413				\$ 331,081
September	114,612	\$ 3.6600	\$ 419,480	118,975	\$ 0.8700	\$ 103,508	118,975	\$ 2.0200	\$ 240,330				\$ 343,838
October	73,542	\$ 3.6600	\$ 269,164	79,960	\$ 0.8700	\$ 69,565	79,960	\$ 2.0200	\$ 161,519				\$ 231,084
November	75,765	\$ 3.6600	\$ 277,300	81,240	\$ 0.8700	\$ 70,679	81,240	\$ 2.0200	\$ 164,105				\$ 234,784
December	75,664	\$ 3.6600	\$ 276,930	82,177	\$ 0.8700	\$ 71,494	82,177	\$ 2.0200	\$ 165,998				\$ 237,492
Total	1,068,053	\$ 3.66	\$ 3,909,074	1,127,800	\$ 0.87	\$ 981,186	1,127,800	\$ 2.02	\$ 2,278,156				\$ 3,259,342

Hydro One				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	60,199	\$ 3.3396	\$ 201,042	54,184	\$ 0.7791	\$ 42,215	48,117	\$ 1.7713	\$ 85,230				\$ 127,445
February	59,343	\$ 3.3396	\$ 198,181	53,793	\$ 0.7791	\$ 41,910	47,826	\$ 1.7713	\$ 84,714				\$ 126,625
March	58,686	\$ 3.3396	\$ 195,989	53,732	\$ 0.7791	\$ 41,862	47,839	\$ 1.7713	\$ 84,738				\$ 126,600
April	53,024	\$ 3.3396	\$ 177,800	48,639	\$ 0.7791	\$ 37,895	42,382	\$ 1.7713	\$ 75,070				\$ 112,965
May	57,096	\$ 3.3396	\$ 190,678	51,262	\$ 0.7791	\$ 39,938	45,072	\$ 1.7713	\$ 79,835				\$ 119,773
June	61,755	\$ 3.3396	\$ 206,236	55,619	\$ 0.7791	\$ 43,333	48,909	\$ 1.7713	\$ 86,633				\$ 129,965
July	73,566	\$ 3.3396	\$ 245,681	65,872	\$ 0.7791	\$ 51,320	58,442	\$ 1.7713	\$ 103,519				\$ 154,839
August	72,015	\$ 3.3396	\$ 240,501	64,201	\$ 0.7791	\$ 50,019	57,411	\$ 1.7713	\$ 101,693				\$ 151,712
September	76,604	\$ 3.3396	\$ 255,826	68,814	\$ 0.7791	\$ 53,613	61,946	\$ 1.7713	\$ 109,725				\$ 163,338
October	53,059	\$ 3.3396	\$ 177,197	49,644	\$ 0.7791	\$ 38,678	42,580	\$ 1.7713	\$ 75,422				\$ 114,099
November	57,005	\$ 3.3396	\$ 190,373	51,612	\$ 0.7791	\$ 40,211	45,542	\$ 1.7713	\$ 80,669				\$ 120,880
December	56,257	\$ 3.3396	\$ 187,875	50,740	\$ 0.7791	\$ 39,532	44,510	\$ 1.7713	\$ 78,840				\$ 118,372
Total	738,609	\$ 3.34	\$ 2,466,660	668,112	\$ 0.78	\$ 520,526	590,577	\$ 1.77	\$ 1,046,088				\$ 1,566,614

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

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

Total				Network			Line Connection			Transformation Connection			Total Line
Month	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Units Billed	Rate	Amount	Amount
January	150,017	\$ 3.53	\$ 529,775	150,919	\$ 0.84	\$ 126,374	144,852	\$ 1.94	\$ 280,635				\$ 407,009
February	145,549	\$ 3.53	\$ 513,695	146,975	\$ 0.84	\$ 122,979	141,008	\$ 1.94	\$ 272,942				\$ 395,921
March	140,944	\$ 3.53	\$ 497,053	137,642	\$ 0.83	\$ 114,864	131,749	\$ 1.93	\$ 254,236				\$ 369,100
April	122,561	\$ 3.52	\$ 431,585	122,219	\$ 0.83	\$ 101,909	115,962	\$ 1.93	\$ 223,702				\$ 325,611
May	140,983	\$ 3.53	\$ 497,704	137,586	\$ 0.84	\$ 115,040	131,396	\$ 1.93	\$ 254,210				\$ 369,250
June	155,575	\$ 3.53	\$ 549,618	155,485	\$ 0.84	\$ 130,216	148,775	\$ 1.94	\$ 288,362				\$ 418,578
July	187,169	\$ 3.53	\$ 661,468	183,162	\$ 0.84	\$ 153,363	175,732	\$ 1.94	\$ 340,444				\$ 493,807
August	181,356	\$ 3.53	\$ 640,689	178,762	\$ 0.84	\$ 149,687	171,972	\$ 1.94	\$ 333,106				\$ 482,793
September	191,216	\$ 3.53	\$ 675,306	187,789	\$ 0.84	\$ 157,121	180,921	\$ 1.93	\$ 350,055				\$ 507,176
October	126,601	\$ 3.53	\$ 446,361	129,604	\$ 0.84	\$ 108,243	122,540	\$ 1.93	\$ 236,941				\$ 345,184
November	132,770	\$ 3.52	\$ 467,673	132,852	\$ 0.83	\$ 110,890	126,782	\$ 1.93	\$ 244,773				\$ 355,663
December	131,921	\$ 3.52	\$ 464,806	132,917	\$ 0.84	\$ 111,026	126,687	\$ 1.93	\$ 244,838				\$ 355,864
Total	1,806,662	\$ 3.53	\$ 6,375,734	1,795,912	\$ 0.84	\$ 1,501,712	1,718,377	\$ 1.93	\$ 3,324,244				\$ 4,825,956

Low Voltage Switchgear Credit (if applicable)	\$ -
Total including deduction for Low Voltage Switchgear Credit	\$ 4,825,956

Incentive Regulation Model for 2017 Filers

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

Rate Class	Rate Description	Unit	Current RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0070	292,873,654	0	2,050,116	31.8%	2,026,180	0.0069
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	116,734,463	0	712,080	11.0%	703,767	0.0060
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6640		1,198,843	3,193,717	49.5%	3,156,430	2.6329
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.8267		149,040	421,291	6.5%	416,373	2.7937
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0061	1,301,708	0	7,940	0.1%	7,848	0.0060
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9570		1,106	2,165	0.0%	2,139	1.9342
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9369		21,993	42,599	0.7%	42,102	1.9143
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6640		9,594	25,557	0.4%	25,259	2.6329

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

Rate Class	Rate Description	Unit	Current RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Adjusted RTSR-Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053	292,873,654	0	1,552,230	31.9%	1,538,733	0.0053
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	116,734,463	0	548,652	11.3%	543,881	0.0047
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	1.9890		1,198,843	2,384,498	49.0%	2,363,764	1.9717
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1867		149,040	325,906	6.7%	323,072	2.1677
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,301,708	0	6,118	0.1%	6,065	0.0047
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4948		1,106	1,653	0.0%	1,639	1.4818
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4600		21,993	32,110	0.7%	31,831	1.4473
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9890		9,594	19,082	0.4%	18,916	1.9717

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Network	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Network
Residential Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069	292,873,654	0	2,026,180	31.8%	2,024,794	0.0069
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	116,734,463	0	703,767	11.0%	703,285	0.0060
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6329		1,198,843	3,156,430	49.5%	3,154,271	2.6311
Large Use Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.7937		149,040	416,373	6.5%	416,088	2.7918
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060	1,301,708	0	7,848	0.1%	7,842	0.0060
Sentinel Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9342		1,106	2,139	0.0%	2,138	1.9328
Street Lighting Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	1.9143		21,993	42,102	0.7%	42,073	1.9130
Embedded Distributor Service Classification	Retail Transmission Rate - Network Service Rate	\$/kW	2.6329		9,594	25,259	0.4%	25,242	2.6311

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

Rate Class	Rate Description	Unit	Adjusted RTSR-Connection	Loss Adjusted Billed kWh	Billed kW	Billed Amount	Billed Amount %	Current Wholesale Billing	Proposed RTSR-Connection
Residential Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053	292,873,654	0	1,538,733	31.9%	1,538,113	0.0053
General Service Less Than 50 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	116,734,463	0	543,881	11.3%	543,662	0.0047
General Service 50 To 4,999 kW Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	1.9717		1,198,843	2,363,764	49.0%	2,362,812	1.9709
Large Use Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1677		149,040	323,072	6.7%	322,942	2.1668
Unmetered Scattered Load Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047	1,301,708	0	6,065	0.1%	6,062	0.0047
Sentinel Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4818		1,106	1,639	0.0%	1,638	1.4812
Street Lighting Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4473		21,993	31,831	0.7%	31,818	1.4467
Embedded Distributor Service Classification	Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9717		9,594	18,916	0.4%	18,908	1.9709



Incentive Regulation Model for 2017 Filers

If applicable, please enter any adjustments related to the revenue to cost ratio model into columns C and E. The Price Escalator and Stretch Factor have been set at the 2016 values and will be updated by OEB staff at a later date.

Price Escalator	2.10%	Productivity Factor	0.00%	# of Residential Customers (approved in the last CoS)	36,333	Effective Year of Residential Rate Design Transition (yyyy)	2017
Choose Stretch Factor Group	II	Price Cap Index	1.95%	Billed kWh for Residential Class (approved in the last CoS)	280,420,230	OEB-approved # of Transition Years	3
Associated Stretch Factor Value	0.15%			Rate Design Transition Years Left	3		

Rate Class	Current MFC	MFC Adjustment from R/C Model	Current Volumetric Charge	DVR Adjustment from R/C Model	Price Cap Index to be Applied to MFC and DVR	Proposed MFC	Proposed Volumetric Charge
RESIDENTIAL SERVICE CLASSIFICATION	18.98		0.0077		1.95%	21.03	0.0052
GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION	30		0.0099		1.95%	30.59	0.0101
GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION	97.27		3.2218		1.95%	99.17	3.2846
LARGE USE SERVICE CLASSIFICATION	1484.36		2.2668		1.95%	1,513.31	2.3110
UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION	8.03		0.0015		1.95%	8.19	0.0015
SENTINEL LIGHTING SERVICE CLASSIFICATION	7.3		0.6543		1.95%	7.44	0.6671
STREET LIGHTING SERVICE CLASSIFICATION	1.11		0.9331		1.95%	1.13	0.9513
EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION	128.86				1.95%	131.37	0.0000
microFIT SERVICE CLASSIFICATION	5.4					5.4	

Rate Design Transition	Revenue from Rates	Current F/V Split	Decoupling MFC Split	Incremental Fixed Charge (\$/month/year)	New F/V Split	Adjusted Rates ¹	Revenue at New F/V Split
Current Residential Fixed Rate (inclusive of R/C adj.)	18.9800	8,275,204	79.3%	6.9%	1.65	86.2%	8,994,597
Current Residential Variable Rate (inclusive of R/C adj.)	0.0077	2,159,236	20.7%			13.8%	1,430,143
		10,434,440					10,424,741

¹ These are the residential rates to which the Price Cap Index will be applied to.

Incentive Regulation Model for 2017 Filers

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

		Proposed
Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011

Incentive Regulation Model for 2017 Filers

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

STREET LIGHTING SERVICE CLASSIFICATION

Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and CI	\$/kW	0.0974	- effective until	4/30/2018	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and CI	\$/kW	0.1290	- effective until	4/30/2018	A
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		
			- effective until		

microFIT SERVICE CLASSIFICATION

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

ATTACHMENT C

EPI's IESO Settlement Process

THE ENTEGRUS SETTLEMENT PROCESS

The Board's filing requirements for 2017 Rate Applications require each distributor to provide a description of its settlement process with the IESO or host distributor. Distributors must specify the Global Adjustment rate used for billing each rate class, itemize the process for providing consumption estimates to the IESO, and describe the true-up process to reconcile estimates of RPP and non-RPP consumption once actuals are known.

Two of EPI's service areas, the City of Chatham and the adjacent Bloomfield Business Park, are directly connected to the Hydro One Networks Inc. ("HONI") transmission system. The remaining service areas are embedded within HONI's distribution system. Accordingly, EPI settles with both the IESO and HONI (as its host distributor).

It should be noted that EPI is also a sub-host distributor to HONI at the Dresden Distribution Station ("Dresden DS"). HONI owns and operates the Dresden DS, which is located inside EPI's service territory, and consultation with HONI in preparation for the EPI 2016 COS Application, confirmed that the Dresden point is virtually embedded to EPI.

THE IESO SETTLEMENT PROCESS

On a monthly basis, EPI calculates an amount payable/receivable to/from the IESO to settle for the previous month. The settlement figures are communicated to the IESO via its online portal on, or before, the fourth business day of the month. This process ensures that the IESO and EPI are appropriately compensated for various government-mandated rates/plans/programs:

Programs are categorized under specific charge types delineated on the IESO invoice, which arrives mid-month. The key charges types are summarized as follows:

- The Regulated Price Plan (RPP) – charge type 142
- Global Adjustment (GA) – charge type 147 and 148
- Renewable Energy Standard Offer (RESOP) Program – charge type 1410

- Feed-In-Tariff (FIT) Program – charge type 1412
- Ontario Electricity Support Program (OESP) – charge type 1420 & 1470

A further explanation of each component of this settlement process is provided below.

THE REGULATED PRICE PLAN SETTLEMENT AMOUNT

EPI calculates and submits the difference between Regulated Price Plan (“RPP”) rates applied to RPP customers and the sum of the corresponding customer consumption multiplied by the Weighted Average Hourly Spot Price (“WAHSP”) and Global Adjustment (“GA”) in the IESO Form (formerly 1598) each month.

The purchase data is sourced from EPI’s Advanced Metering Infrastructure (“AMI”) software, which tracks the appropriate kWh and associated pricing. The AMI software ensures the amounts reported tie to the necessary sources (i.e. both IESO and HONI meter data and pricing), and includes the particulars for all embedded generation within its service territory.

The consumption data for the portion of the month’s consumption that has already been billed to customers is compiled from EPI’s Customer Information System (“CIS”), which segregates the data between RPP and Non-RPP. EPI utilizes an accrual accounting estimate to reflect the remaining unbilled portion of consumption (for both RPP and Non-RPP). To determine this estimate, EPI applies consumption data by type from the same month from the previous year against current rates. EPI has found this approach to be the best estimate methodology, as it typically provides minimal variances on monthly basis.

On a monthly basis, EPI calculates the variance between the RPP billed and unbilled consumption and actual purchase price at the WAHSP and GA prices. The amount settled with the IESO is the difference between the sum of the WAHSP and GA calculation minus the billed RPP commodity (at the TOU or tier pricing). EPI maintains separate general ledger accounts to track the RPP settlement and GA settlement portions, which are both tracked in USoA 4705 account.

As described above, EPI calculates a monthly accrual account estimate for unbilled consumption. This accrual is reversed the following month and the actual amounts are included. Any variances resulting

from the difference between the prior month estimate and actuals (once known) are incorporated as true-up adjustments in the next month's submission.

To determine the Final Variance Settlement Amount ("FVSA"), EPI extracts from general ledger activity the billed FVSA for customers who have left or joined RPP in the current IESO settlement month.

The RPP portion of the Global Adjustment is reflected in Account 1588 RSVA Power, whereas the non-RPP portion of the Global Adjustment is reflected in Account 1589 Global Adjustment.

EPI determines RPP eligibility for Residential and small business (General Service < 50 kW) customers by performing annual customer reclassification based on annual consumption.

THE GLOBAL ADJUSTMENT SETTLEMENT PROCESS

On a monthly basis, EPI must settle with the IESO for GA. GA is applicable to all provincial customers who pay the Hourly Ontario Energy Price ("HOEP"), or have signed a retail contract, and accounts for the differences between the market price and the rates paid to regulated and contracted generators and for CDM programs

The GA varies from month to month, responding to changes in both the HOEP and contract terms. Generally speaking, when the HOEP is lower, then the GA is higher in order to cover the additional costs mentioned above. The GA also changes when new projects come into service, contract payments take effect, or as a result of changes in demand. GA charges are based on two categories:

CLASS A CUSTOMERS

Class A customers were originally defined as customers with a peak demand of 5 MW or more. However, on July 1, 2015 Class A eligibility was expanded under the "Industrial Conservation Initiative" to allow customers with a peak demand greater than 3 MW, but less than or equal to 5 MW, to opt into this category. Conversely, customers with a peak demand of 5 MW or more may opt into Class B. EPI notes that the recently proposed Bill 13, if approved, would further reduce the current 3 MW threshold.

The GA for Class A customers is based on their percentage contribution to the top five peak Ontario demand hours. Hence, it is designed to encourage these users to shift their energy use away from

system-wide peaks. The IESO monthly GA Class A charges are passed on directly to each Class A customer. Accordingly, EPI Class A customers do not contribute to the creation of Account 1589 variances and are excluded from disposition calculation.

As of December 31, 2014, EPI had 2 Class A customers. In July 2015, one of the existing Class A customers opted into Class B. Conversely, two existing Class B customers opted into Class A. As a result, EPI currently has three Class A customers, who are billed on their top five peak Ontario demand hours as described above.

EPI's peak demand factor for the July 1, 2014 to June 30, 2015 period was 0.00031989 and for the July 1, 2015 to June 30, 2016 period, the peak demand factor was 0.00033500.

CLASS B CUSTOMERS

Class B customers include: (a) customers with a peak demand below 3MW (or who have opted into this category) and (b) residential and business customers who have a retail contract for electricity.

As of December 31, 2014, the majority of EPI's large volume customers were included in Class B. Subsequently, as described above, in July 2015 two customers opted into the Class A under the conservation initiative.

For Class B customers, the IESO provides three variations of GA, which can be used by distributors to bill customers. These variations are described as follows:

1st Estimate Variation

The 1st Estimate for a given month comprises three components - an estimate of the GA costs based on the previous month, an estimate of Ontario demand for the given month, and a true up accounting for the difference between the previous month's 1st Estimate and the actual rate.

The 1st Estimate for the upcoming month is published on the last business day of the preceding month. For example, the 1st Estimate for April is published at the end of March.

EPI currently bills all Class B customers using the 1st Estimate Variation, including Residential, GS < 50kW, GS > 50kW-4,999 kW, Large Use, Unmetered Scattered Load, Sentinel Light and Street Light customers.

2nd Estimate Variation

The 2nd Estimate is a separate calculation based on actual GA costs and demand information available at the time it is published, an estimate for GA and demand for the remaining days of the month, and a true up accounting for the difference between the previous month's 2nd Estimate and the actual rate.

The 2nd Estimate for a given month is published on the last business day of that month. For example, the 2nd Estimate for April is published at the end of April.

EPI currently does not bill any Class B customers using the 2nd Estimate Variation. This is due to the fact that EPI does not wish to create inequities within rate classes related to the GA variances accumulating the GA account 1589. Since EPI has ongoing monthly billing cycles, some customers within each rate class are billed on a period which ends prior to the availability of the IESO's 2nd Estimate. Thus, by using only the 1st estimate, EPI ensures that all applicable customers contribute equally to the GA variance accumulating in account 1589. This ensures an equitable disposition of the 1589 variance account to all rate classes.

Actual Variation

The Actual rate, based on actual electricity demand and GA costs, is published on the tenth business day of each month. For example, the Actual rate for April is published on the tenth business day of May.

EPI does not bill any customers at the Actual Variation due to the inherent billing delay that would result.

RENEWABLE ENERGY STANDARD OFFER PROGRAM (RESOP) SETTLEMENT AMOUNT

EPI has one customer under the RESOP program. Each month, the associated general ledger activity is used to determine the actual credit amounts remitted during the month to the RESOP customer. Thereafter, the RESOP credit, minus WASHP, is settled with the IESO.

FEED-IN-TARIFF PROGRAM SETTLEMENT AMOUNT

EPI maintains general ledger accounts that track the amount credited to FIT or microFIT customers at the applicable contract price during the month and a separate account that tracks the value of the electricity commodity which has flowed into EPI's distribution system from FIT and microFIT generators (found by multiplying the corresponding kWh generated by the WASHP for the applicable billing period).

EPI settles with the IESO for the difference between the credits issued to customers and the value of the electricity commodity which has been generated and sold within EPI's distribution system.

ONTARIO ELECTRICITY SUPPORT PROGRAM ("OESP")

EPI obtains the value of OESP credits applied to qualified low-income customer accounts from the corresponding general ledger activity during the month. Separate general ledger accounts are maintained for each OESP Class or tariff code, as well as adjustments. The IESO compensates EPI for its OESP credits issued under IESO charge type 1420.

Since the OESP is funded by all ratepayers, EPI collects at the OESP prescribed rate from all customer classes, exclusive of customers which are Wholesale Market Participants. The IESO charges EPI for the OESP program by the number of kWh withdrawn from the grid in a given month multiplied by the same rate, in charge type 1470. EPI tracks the variance between the OESP revenue billed to customers (USoA 4062 Billed Wholesale Market Service) and OESP expense paid (USoA 4708 Charges Wholesale Market Service) in Account 1580 (Wholesale Market Service).

THE HOST DISTRIBUTOR SETTLEMENT PROCESS

As noted above, certain points within EPI's distribution system are embedded within the HONI distribution system.

For these points, EPI receives a monthly invoice from HONI for the associated charges (including commodity, global adjustment, rate riders, retail transmission charges, etc.).

EPI processes and pays these invoices on a monthly basis, recording the associated charges in the appropriate general ledger accounts as prescribed by the Accounting Procedures Handbook.

ATTACHMENT D

Summary of Previous EPI LRAM and LRAMVA Disposition

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 LRAMVA / LRAM Claim Summary

Rate Class	Program Years	Type	Chatham-Kent ("CK") Rate Zone										Strathroy, Mt. Brydges, Parkhill ("SMP") Rate Zone												
			Year Lost Revenue Took Place										Year Lost Revenue Took Place												
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015			
Residential	2006	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11	Claimed in Current Application (LRAM)				
	2007	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2008	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2009	LRAM	---		Note 2		n/a - see Note 3						---		Note 6		Note 7		Note 9	Note 11					
	2010	LRAM	---		---		n/a - see Note 3						---		---		Note 7		Note 9	Note 11					
	2011	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2012	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2013	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
2014	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
2015	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
GS-50	2006	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11	Claimed in Current Application (LRAM)				
	2007	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2008	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2009	LRAM	---		Note 2		n/a - see Note 3						---		Note 6		Note 7		Note 9	Note 11					
	2010	LRAM	---		---		n/a - see Note 3						---		---		Note 7		Note 9	Note 11					
	2011	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2012	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2013	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
2014	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
2015	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
GS-50	2006	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11	Claimed in Current Application (LRAM)				
	2007	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2008	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2009	LRAM	---		Note 2		n/a - see Note 3						---		Note 6		Note 7		Note 9	Note 11					
	2010	LRAM	---		---		n/a - see Note 3						---		---		Note 7		Note 9	Note 11					
	2011	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2012	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2013	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
2014	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
2015	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
Intermediate / Large	2006	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11	Claimed in Current Application (LRAM)				
	2007	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2008	LRAM	Note 1				n/a - see Note 3						Note 5				Note 7		Note 9	Note 11					
	2009	LRAM	---		Note 2		n/a - see Note 3						---		Note 6		Note 7		Note 9	Note 11					
	2010	LRAM	---		---		n/a - see Note 3						---		---		Note 7		Note 9	Note 11					
	2011	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2012	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
	2013	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10					
2014	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
2015	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	---		Note 4		Note 8	Note 10						
Intermediate with Self Gen	2006	LRAM	Note 1				n/a - see Note 3						n/a										Claimed in Current Application		
	2007	LRAM	Note 1				n/a - see Note 3						n/a												
	2008	LRAM	Note 1				n/a - see Note 3						n/a												
	2009	LRAM	---		Note 2		n/a - see Note 3						n/a												
	2010	LRAM	---		---		n/a - see Note 3						n/a												
	2011	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	n/a										
	2012	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	n/a										
	2013	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	n/a										
2014	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	n/a											
2015	LRAMVA	---		---		Note 4				Note 8		Note 10	Claimed in Current Application	n/a											

- Notes:**
- 1: CK LRAM program years 2006-2008, with persistence through Dec 31, 2009, were claimed and approved for CK Hydro in EB-2009-0261.
 - 2: CK LRAM program year 2009, with persistence through Dec 31, 2009 was claimed and granted to CK Hydro EB-2011-0163.
 - 3: CK LRAM claims related to the 2010 program year and persistence from 2009 programs in 2010 were denied in Entegris EB-2011-0163.
 - 4: CK and SMP LRAMVA program years 2011-2012, with persistence through Dec 31, 2012, were claimed and approved in Entegris EB-2013-0120
 - 5: SMP LRAM program years 2006-2009, with persistence through Dec 31, 2010, were claimed and approved in MPDC EB-2010-0098.
 - 6: SMP LRAM program year 2010, with persistence through Dec 31, 2010, was claimed and approved in MPDC EB-2011-0148.
 - 7: SMP LRAM program years 2006-2010, with persistence through Dec 31, 2012, were claimed and approved in Entegris EB-2013-0120.
 - 8: CK and SMP LRAMVA program years 2011-2013, with persistence through December 31, 2013 were claimed and approved in Entegris 2015 IRM Application (EB-2014-0064).
 - 9: SMP LRAM program years 2006-2010, with persistence through December 31, 2013 were claimed and approved in Entegris 2015 IRM Application (EB-2014-0064)
 - 10: CK and SMP LRAMVA program years 2011-2014, with persistence through December 31, 2014 were claimed and approved in Entegris 2016 COS Application (EB-2015-0061)
 - 11: SMP LRAM program years 2006-2010, with persistence through December 31, 2014 were claimed and approved in Entegris 2016 COS Application (EB-2015-0061)

ATTACHMENT E

LRAM Report - SMP

Prepared by IndEco Strategic Consulting

Middlesex Power Distribution Corp. 2015 lost revenues



Third party review:
Middlesex Power Distribution Corp.
2015 lost revenues from 2006-2010 CDM
programs



This document was prepared for Entegrus Powerlines by IndEco Strategic Consulting Inc.

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IndEco report B3856 (MPDC 2015 LRAM)

19 September 2016

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Executive summary

A third party review of the Conservation and Demand Management (CDM) programs run by Middlesex Power Distribution Corp. (MPDC) is required as part of its application to the Ontario Energy Board (OEB) for collection of Lost Revenue Adjustment Mechanism (LRAM) claims.

IndEco Strategic Consulting Inc. (IndEco) acted as third party reviewer by examining the lost revenue associated with MPDC's CDM portfolio. The review was completed as detailed in the OEB *Guidelines for Electricity Distributor Conservation and Demand Management*.

The third party review included lost revenue estimates from MPDC's CDM activities in 2006, 2007, 2008, 2009 and 2010 supported through Ontario Power Authority (OPA) funding for the period between January 1 and December 31, 2015. Carrying charges for these losses are calculated through April 30, 2017. For these programs, the period up to December 31, 2014 was covered in a previous LRAM claims.¹

Lost revenues are calculated using estimated energy savings or monthly peak demand savings using the best available and most current input assumptions. Energy savings and peak demand reductions are those from the results of OPA's program evaluations. OPA provided data on persistence of program results into future years, including 2015. In the span of the LRAM claim, 2015 savings totalled approximately 544 MWh in the residential rate class and 821 MWh in the GS < 50 kW rate class. Demand reductions in the GS 50 to 4,999 kW rate class totalled approximately 407 kW-months. None of these reductions related to CDM were accounted for in load forecasts prepared at the time of MPDC's last cost of service application in 2006.

IndEco concludes that the value of lost distribution revenue in 2015 from MPDC's CDM programs offered between 2006 and 2010 was \$12,653.07.

¹ See OEB case numbers EB-2010-0098, EB-2011-0148, and EB-2013-0120.

Introduction

What is the lost revenue adjustment mechanism (LRAM)

Lost Revenue Adjustment Mechanism claims can benefit a local distribution company (LDC) by removing the disincentive for energy conservation.

LRAM is designed to ensure that the LDC does not have a disincentive to promote energy efficiency and energy conservation by compensating the LDC for revenues lost as a result of its conservation initiatives. The calculation of energy savings requires information on what the electricity use would have been in the absence of the LDC initiatives, and what it was with the LDC initiative. Some of the inputs to the calculation include: hours the equipment is used, wattage rating of the old and new equipment, and lifetime of the equipment if it is less than the period over which the LRAM is being claimed. Also required are the number of participants, or pieces of equipment installed, and an estimate of the free-rider rate, which is the fraction of the savings that would have occurred anyway, in the absence of the program. These savings are estimated for each rate class, and revenue losses are determined by multiplying those losses by the cost of distribution per unit for each rate class. Carrying charges are calculated using deferral and variance account interest rates prescribed by the OEB.²

² For prescribed interest rates, see <http://www.oeb.gov.on.ca/OEB/Industry/Rules+and+Requirements/Rules+Codes+Guidelines+and+Forms/Prescribed+Interest+Rates>

Scope

This review examines the lost revenue from programs run under contract to the Ontario Power Authority (OPA) in 2006, 2007, 2008, 2009 and 2010 supported through Ontario Power Authority (OPA) funding for the period between January 1 and December 31, 2015. For all 2006-2010 programs, lost revenues from CDM programs between January 1 of the program launch year and December 31, 2014 were covered in previous LRAM claims.

Requested LRAM amounts

LRAM inputs

IndEco finds that appropriate measure specifications were used to calculate program energy savings, demand reductions, and lost revenues. For the calculation of LRAM claims, the '2006-2010 Final CDM Results Summary Middlesex Power Distribution Corp.' were used as a source of inputs for OPA funded CDM programs. These evaluated results have been adopted in accordance with Board recommendations that "The Board would consider an evaluation by the OPA or a third party designated by the OPA to be sufficient."³ OPA advises that these estimates are prepared in a manner consistent with OPA current practice, and are the same values used to report progress against provincial conservation targets.

Table 1 shows the net energy savings or demand reductions of each program by rate class. OPA program energy savings in Table 1 were acquired directly from spreadsheets provided by the OPA.

Lost revenues were calculated by multiplying net energy savings or demand reductions by MPDC distribution rates for the appropriate rate class. Distribution rates are in Table 2.

A summary of lost revenues is presented in Table 3. The carrying charges are presented in Table 4. Tables 5-7 show the lost revenue without carrying charges, the carrying charges, and the lost revenue including carrying charges broken down by rate class and program year for 2015.

³ OEB 2008a. Guidelines for Electricity Distributor Conservation and Demand Management. p.28

Table 1 – Net program energy savings and demand savings by rate class for 2013

Funding source	Program	Year	Residential (kWh)	GS < 50 kW (kWh)	GS > 50 kW (kW-mo) ¹
OPA	Cool & Hot Savings Rebate	2006	15,591		
		2007	29,344		
	Cool Savings Rebate	2008	33,080		
		2009	42,674		
		2010	66,185		
	Electricity Retrofit Incentive Program ²	2008		583	3
		2010		8,073	33
	Every Kilowatt Counts	2006	70,700		
		2007	14,308		
	Every Kilowatt Counts Power Savings Event	2008	95,906		
		2009	54,833		
		2010	13,374		
	Great Refrigerator Roundup	2007	31,579		
		2008	44,146		
		2009	70,700		
		2010	14,308		
	High Performance New Construction	2008			7
		2009			74
		2010			290
	Multifamily Energy Efficiency Rebates	2010			
		peaksaver®	2009	127	19,429
		2010	130		
	Power Savings Blitz	2009		365,535	
2010			427,064		
Social Housing Pilot	2007	16,783			
Summer Savings	2007	9,895			
Summer Sweepstakes	2008	5,189			
Total			543,845	820,685	407

Rates for general service rate class of customers rated at greater than 50 kW are on a monthly demand basis (kW), not an energy one (kWh). Lost revenue results when the customer's monthly peak demand is lower than it otherwise would be as a result of the CDM initiatives. These are measured in kW-month, which is the reduction within one month of the peak kilowatt demand. (So a 2 kW-month reduction could be realized by reducing the peak demand in the month by 1 kW for two months, or by 2 kW for one month.) The OPA results are provided in kW of peak demand reduction. These results have been multiplied by 12 to provide the kW-mo of demand reduction over the course of the year. Excluded are peak demand reductions associated with demand response programs, which are not anticipated to impact on revenues.

1. MPDC calculated that 34% of the Electricity Retrofit Incentive Program results were attributed to the GS < 50 kW rate class and 66% were attributed to the GS > 50 kW rate class.

Table 2 – Distribution rates per rate class

Rate Class	Units	2015
Residential	\$/kWh	0.0143
GS < 50 kW	\$/kWh	0.0049
GS 50 to 4,999 kW	\$/kW	1.4856

NOTES: Distribution rates are from OEB approved rate schedules (EB-2013-0120 and EB-2015-0064) averaged from the rate year to the calendar year. Only the Distribution Volumetric Rate and the Rate Rider for Application of Tax Change are used.

Table 3 – Summary of lost revenues

Funding source	Program	Year	Residential	GS < 50 kW	GS > 50 kW ¹	2015 LRAM	
OPA	Cool & Hot Savings Rebate	2006	\$222.44			\$222.44	
		2007	\$418.64			\$418.64	
	Cool Savings Rebate	2008	\$471.94			\$471.94	
		2009	\$608.82			\$608.82	
		2010	\$944.23			\$944.23	
	Electricity Retrofit Incentive Program ²	2008			\$2.88	\$3.97	\$6.85
		2010			\$39.83	\$49.52	\$89.35
	Every Kilowatt Counts	2006	\$1,008.66				\$1,008.66
		2007	\$204.12				\$204.12
	Every Kilowatt Counts Power Savings Event	2008	\$1,368.26				\$1,368.26
		2009	\$782.29				\$782.29
		2010	\$190.80				\$190.80
	Great Refrigerator Roundup	2007	\$450.53				\$450.53
		2008	\$629.82				\$629.82
		2009					
		2010					
	High Performance New Construction	2008				\$9.98	\$9.98
		2009				\$110.22	\$110.22
		2010				\$430.62	\$430.62
	Multifamily Energy Efficiency Rebates peaksaver®	2010			\$95.85		\$95.85
		2009	\$1.81				\$1.81
		2010	\$1.86				\$1.86
	Power Savings Blitz	2009			\$1,803.31		\$1,803.31
2010				\$2,106.85		\$2,106.85	
Social Housing Pilot	2007	\$239.43				\$239.43	
Summer Savings	2007	\$141.17				\$141.17	
Summer Sweepstakes	2008	\$74.03				\$74.03	
Total			\$7,758.85	\$4,048.71	\$604.32	\$12,411.88	

Table 4 - Carrying charges on lost revenue for 2015

Month	Residential	GS < 50 kW	GS 50 to 4,999 kW	Total
Jan-15	0.12%	\$0.00	\$0.00	\$0.00
Feb-15	0.12%	\$0.78	\$0.40	\$0.06
Mar-15	0.12%	\$1.55	\$0.80	\$0.12
Apr-15	0.09%	\$1.74	\$0.90	\$0.14
May-15	\$2.33	\$1.20	\$0.18	\$3.71
Jun-15	\$2.91	\$1.50	\$0.23	\$4.64
Jul-15	\$3.49	\$1.81	\$0.27	\$5.57
Aug-15	\$4.07	\$2.11	\$0.32	\$6.49
Sep-15	\$4.65	\$2.41	\$0.36	\$7.42
Oct-15	\$5.23	\$2.71	\$0.41	\$8.35
Nov-15	\$5.82	\$3.01	\$0.45	\$9.28
Dec-15	\$6.98	\$3.61	\$0.54	\$11.13
Jan-16	\$6.98	\$3.61	\$0.54	\$11.13
Feb-16	\$6.98	\$3.61	\$0.54	\$11.13
Mar-16	\$6.98	\$3.61	\$0.54	\$11.13
Apr-16	\$6.98	\$3.61	\$0.54	\$11.13
May-16	\$6.98	\$3.61	\$0.54	\$11.13
Jun-16	\$6.98	\$3.61	\$0.54	\$11.13
Jul-16	\$6.98	\$3.61	\$0.54	\$11.13
Aug-16	\$6.98	\$3.61	\$0.54	\$11.13
Sep-16	\$6.98	\$3.61	\$0.54	\$11.13
Oct-16	\$6.98	\$3.61	\$0.54	\$11.13
Nov-16	\$6.98	\$3.61	\$0.54	\$11.13
Dec-16	\$6.98	\$3.61	\$0.54	\$11.13
Jan-17	\$6.98	\$3.61	\$0.54	\$11.13
Feb-17	\$6.98	\$3.61	\$0.54	\$11.13
Mar-17	\$6.98	\$3.61	\$0.54	\$11.13
Apr-17	\$6.98	\$3.61	\$0.54	\$11.13
Total	\$151.22	\$78.24	\$11.73	\$241.19

"NOTES: Carrying charges are simple interest (not compound) calculated using rates specified by the OEB at:
<http://www.ontarioenergyboard.ca/OEB/Industry/Rules+and+Requirements/Rules+Codes+Guidelines+and+Forms/Prescribed+Interest+Rates>

Annual savings are assumed to be distributed equally over the year and carrying charges are applied to the balance in the account each month.

Findings

IndEco has reviewed the results associated with 2006, 2007, 2008, 2009, and 2010 OPA-funded programs. IndEco has concluded that sufficient detail and documentation exists to conclude that Middlesex Power Distribution Corp. has \$12,411.88 in lost revenue in 2015 from these programs. The lost revenue broken down by program year and rate class is shown in Table 5. IndEco has calculated \$241.19 in carrying charges from January 1, 2015 to April 30, 2017 on these lost revenues. The carrying charges broken down by program year and rate class are shown in Table 6. The total lost revenue and carrying charges is \$12,653.07, as shown in Table 7, broken down by program year and rate class.

Table 5 – Lost revenues in 2015 by program year and rate class

	Years that lost revenues took place 2015
Residential programs	
2006 programs	\$1,231.09
2007 programs	\$1,453.89
2008 programs	\$2,544.05
2009 programs	\$1,392.91
2010 programs	\$1,136.90
Residential total	\$7,758.85
GS < 50 kW	
	2015
2006 programs	\$0.00
2007 programs	\$0.00
2008 programs	\$2.88
2009 programs	\$1,803.31
2010 programs	\$2,242.53
GS < 50 kW total	\$4,048.71
GS > 50 kW	
	2015
2006 programs	\$0.00
2007 programs	\$0.00
2008 programs	\$13.95
2009 programs	\$110.22
2010 programs	\$480.15
GS > 50 kW total	\$604.32
Grand total	\$12,411.88

Table 6 – Carrying charges by program year and rate class for 2015 lost revenues

Residential programs	For calendar year			
	2015	2016	Jan 1 to Apr 30 2017	Total
2006 programs	\$6.28	\$13.29	\$4.43	\$23.99
2007 programs	\$7.41	\$15.69	\$5.23	\$28.34
2008 programs	\$12.97	\$27.46	\$9.15	\$49.58
2009 programs	\$7.10	\$15.04	\$5.01	\$27.15
2010 programs	\$5.80	\$12.27	\$4.09	\$22.16
Residential total	\$39.55	\$83.75	\$27.92	\$151.22
GS < 50 kW	2015	2016	Jan 1 to Apr 30 2017	Total
2006 programs	\$0.00	\$0.00	\$0.00	\$0.00
2007 programs	\$0.00	\$0.00	\$0.00	\$0.00
2008 programs	\$0.01	\$0.03	\$0.01	\$0.06
2009 programs	\$9.12	\$19.30	\$6.43	\$34.85
2010 programs	\$11.34	\$24.00	\$8.00	\$43.34
GS < 50 kW total	\$20.47	\$43.33	\$14.44	\$78.24
GS > 50 kW	2015	2016	Jan 1 to Apr 30 2017	Total
2006 programs	\$0.00	\$0.00	\$0.00	\$0.00
2007 programs	\$0.00	\$0.00	\$0.00	\$0.00
2008 programs	\$0.07	\$0.15	\$0.05	\$0.27
2009 programs	\$0.56	\$1.18	\$0.39	\$2.14
2010 programs	\$2.44	\$5.16	\$1.72	\$9.32
GS > 50 kW total	\$3.07	\$6.49	\$2.16	\$11.73
Grand total	\$63.09	\$133.58	\$44.53	\$241.19

Table 7 – Total of lost revenue in 2015 and carrying charges by program year and rate class

Residential programs	Total
2006 programs	\$1,255.09
2007 programs	\$1,482.23
2008 programs	\$2,593.64
2009 programs	\$1,420.06
2010 programs	\$1,159.06
Residential total	\$7,910.07
GS < 50 kW	Total
2006 programs	\$0.00
2007 programs	\$0.00
2008 programs	\$2.93
2009 programs	\$1,838.15
2010 programs	\$2,285.87
GS < 50 kW total	\$4,126.95
GS > 50 kW	Total
2006 programs	\$0.00
2007 programs	\$0.00
2008 programs	\$14.22
2009 programs	\$112.36
2010 programs	\$489.46
GS > 50 kW total	\$616.05
Grand total	\$12,653.07



providing environmental and energy consulting
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ATTACHMENT F

LRAMVA Model & Report - CK

Prepared by IndEco Strategic Consulting



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Version 1.0 (2017)

Generic LRAMVA Work Forms

File Name	Description
1. LRAMVA Summary	Table 1 provides a summary of the LRAMVA balances and carrying charges associated with the LRAMVA claim. The balances are populated from entries into other tabs throughout this work form.
2. CDM Allocation	Tables 2, 3 and 4 include the CDM savings and allocation by rate class that were included in the load forecast.
3. Distribution Rates	Tables 5 and 6 include a historical account of distribution rates that were used to calculate lost revenues.
4. 2011-14 LRAM	Tables 7, 8, 9 and 10 includes 2011-2014 LRAMVA work forms. These should only be used if the LDC has not applied for approval of these amounts.
5. 2015 LRAM	Table 11-a includes a template workflow for calculating 2015 lost revenues based on legacy and new programs.
6. Persistence Rates	Tables 12 and 13 includes the 2011-2014 persistence factors and 2015-2020 persistence factors.
7. Carrying Charges	Tables 19 and 20 includes the carrying charges related to the LRAMVA claim that is being made.

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

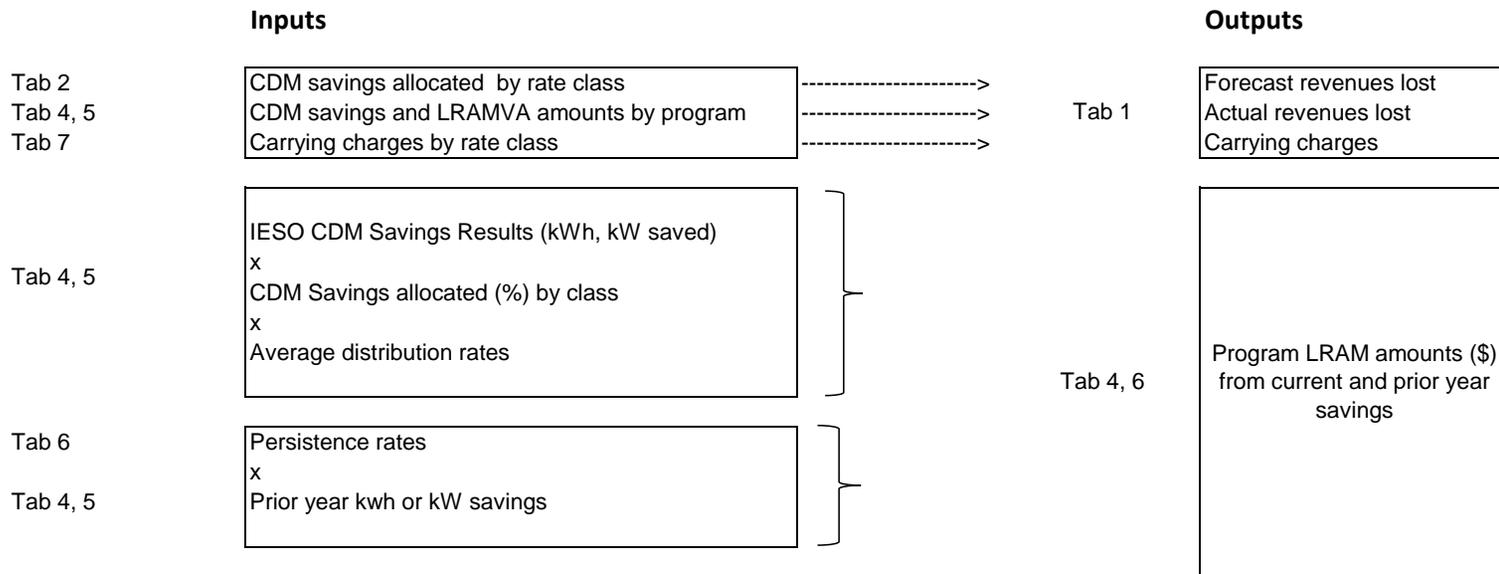
While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



LRAMVA Work Form: Input-Output Schematic

General Note on the LRAMVA Model

The LRAMVA model consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the CDM component of the load forecast and ultimately, any variance between actual CDM savings and the CDM component of the load forecast. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year.



LRAMVA Work Form: Summary Table

LRAMVA Summary

This is a summary sheet that contains the final LRAMVA balances with links from **Tabs 2, 4, 5 and 7.**

File Number	EB-2016-0063	Amount of LRAM claimed in the past	\$ 453,659.26	Note: amount is total for Entegrus
Exhibit		Years of LRAM Claimed	2011-2014	
Schedule		Last Cost of Service Application (File No.)	EB-2009-0261	
Tab				
Page				
Legend				
	User Inputs (Green)	Amount of LRAMVA to claim	\$256,574.20	
	Auto Populated Cells (White)	Recovery Period of LRAMVA Claim		

Table 1. Annual and Total LRAMVA by Rate Class

Description	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
2011 Forecast										
2011 Actuals										
Amount Cleared										
2012 Forecast										
2012 Actuals										
Amount Cleared										
2013 Forecast										
2013 Actuals										
Amount Cleared										
2014 Forecast										
2014 Actuals										
Amount Cleared										
2015 Forecast										
2015 Actuals	\$43,738.16	\$79,836.68	\$81,430.83	\$10,292.33	\$51,048.91		(\$14,750.64)			\$251,596.26
Amount Cleared										
Carrying Charges	\$865.38	\$1,579.60	\$1,611.14	\$203.64	\$1,010.02		(\$291.85)			\$4,977.94
Total LRAMVA Balance	\$44,603.54	\$81,416.28	\$83,041.97	\$10,495.97	\$52,058.93		(\$15,042.49)			\$256,574.20



LRAMVA Work Form: CDM Allocation

CDM Savings Target Allocation by Rate Class

Instruction

Please update the template as needed or replace this spreadsheet with an existing templates that estimated savings in CDM forecast. An example template is provided below and can be filled in if it is applicable to the LDC. The LDC may re-populate CDM savings by rate class for historical years based on past year's approved cost of service application, or relevant information from **Appendix 2-1**. Alternatively, LDCs may want to link this spreadsheet to their CDM savings allocation (e.g. appended as another tab in this workbook) to fill in **Tables 2, 3 and 4** below.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 2. Amount used for CDM Threshold for LRAMVA

Forecast Year	kWh	kW	kWh (check)
2011	-		
2012	-		
2013	-		
2014	-		
2015	-		
2016	-		
2017	-		

Table 3. Allocation of CDM Savings (Energy and Demand Billed) by Rate Class in Approved Load Forecast

Forecast Year	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting
	kWh	kWh	kW	kW	kW	kWh	kW	kW	kW
2011									
2012									
2013									
2014									
2015									
2016									

Tables 3A: CDM Adjustment as Approved in Cost of Service Application

Note: Tables 3A are not used so have been hidden

Note:

Actual CDM Threshold and Allocation values were used in Tables 2 and 3, so Tables 3a were not filled out.

Table 4. Forecast Lost Revenue Amounts by Rate Class

Forecast Year	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
2011										
2012										
2013										
2014										
2015										
2016										

Notes: References directly the CDM amounts in the forecast. See "Forecast" tab. Tables 2 and 3a not used, as the values do not impact LRAMVA and Tables 3a assumed allocation of CDM impacts based on kWh load share by rate class.

Forecasted impact of CDM in the load forecast

Table 2a. LRAMVA Thresholds 2010

	Residential kWh	GS < 50 kW kWh	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation kW	Unmetered Scattered Load kWh	Standby Power kW	Sentinel Lighting kW	Street Lighting kW	Total
kWh	-	-	-	-	-	-	-			-
kW	-	-	-	-	-	-	-			-

Source: No CDM from 2011-2014 was assumed in the load forecast done with the 2010 Cost of Service application

LRAMVA Work Form: Distribution Rates

Distribution Rates

Instruction

Please update **Table 5** with the approved distribution rates for the utility's respective rate classes. The applicable rates to estimate lost revenues will autopopulate in **Table 6** and be used in the LRAM Work Sheets (**Tab 4 and Tab 5**) for the applicable year in which LRAM is claimed.

LDCs to update the rate classes as appropriate below depending on the utility's customer mix.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 5. Distribution Volumetric Rate by Billing Period

Decision & Orders for Approved Volumetric Rates:	EB-2009-0261	EB-2010-0074	EB-2011-0163	EB-2012-0119	EB-2013-0120	EB-2015-0064			
Rate Class	Billing Unit	May 1, 2010- April 30, 2011	May 1, 2011- April 30, 2012	May 1, 2012- April 30, 2013	May 1, 2013- April 30, 2014	May 1, 2014- April 30, 2015	May 1, 2015- April 30, 2016	May 1, 2016- April 30, 2017	May 1, 2017- April 30, 2018
<i>Rate Year</i>		2010	2011	2012	2013	2014	2015	2016	2017
<i>Pro-ratio of Rates (months) - Period 1</i>		8	8	8	8	8	8	8	
<i>Pro-ratio of Rates (months) - Period 2</i>		4	4	4	4	4	4	4	
Residential	kWh	\$ 0.0084	\$ 0.0082	\$ 0.0081	\$ 0.0084	\$ 0.0085	\$ 0.0086	\$ -	
GS < 50 kW	kWh	\$ 0.0112	\$ 0.0111	\$ 0.0110	\$ 0.0113	\$ 0.0115	\$ 0.0117	\$ -	
GS 50 to 999 kW	kW	\$ 2.6761	\$ 2.9809	\$ 3.3140	\$ 3.3541	\$ 3.4091	\$ 3.4591	\$ -	
GS 1,000 TO 4,999 kW	kW	\$ 5.8603	\$ 5.1672	\$ 4.5034	\$ 4.5641	\$ 4.6359	\$ 4.7035	\$ -	
Intermediate with Self Generation	kW	\$ 2.7757	\$ 3.0418	\$ 3.3354	\$ 3.3722	\$ 3.4248	\$ 3.4752	\$ -	
Unmetered Scattered Load	kWh	\$ 0.0006	\$ 0.0006	\$ 0.0006	\$ 0.0007	\$ 0.0006	\$ 0.0006	\$ -	
Standby Power	kW	\$ -	\$ -	\$ -	\$ -	\$ 1.7284	\$ 1.7535	\$ -	
Sentinel Lighting	kW	\$ 0.4390	\$ 0.3634	\$ 0.3083	\$ 0.4202	\$ 0.4141	\$ 0.3630	\$ -	
Street Lighting	kW	\$ 1.0460	\$ 1.0713	\$ 1.1126	\$ 1.1731	\$ 1.1980	\$ 1.2121	\$ -	

Table 6. Summary Table: Average Distribution Volumetric Rates by Year for LRAM Calculation

Rate Class	Billing Unit	2011	2012	2013	2014	2015	2016	2017
Residential	kWh					\$ 0.0085	\$ 0.0057	\$ -
GS < 50 kW	kWh					\$ 0.0116	\$ 0.0078	\$ -
GS 50 to 999 kW	kW					\$ 3.4258	\$ 2.3061	\$ -
GS 1,000 TO 4,999 kW	kW					\$ 4.6584	\$ 3.1357	\$ -
Intermediate with Self Generation	kW					\$ 3.4416	\$ 2.3168	\$ -
Unmetered Scattered Load	kWh					\$ 0.0006	\$ 0.0004	\$ -
Standby Power	kW					\$ 1.7368	\$ 1.1690	\$ -
Sentinel Lighting	kW					\$ 0.3971	\$ 0.2420	\$ -
Street Lighting	kW					\$ 1.2027	\$ 0.8081	\$ -

Note:

2011-2014 rates removed, as 2011-2014 LRAMVA was disposed in previous rate cases.

Table 6a. Rate class allocation for LRAMVA based on rate zone

Year	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting
2012	79%	82%	80%	80%	100%	75%	100%	89%	80%
2013	77%	79%	79%	79%	100%	74%	100%	89%	79%
2014	78%	81%	74%	100%	100%	74%	100%	89%	78%
2015	78%	80%	80%	80%	100%	74%	0%	89%	80%

Note: Rate class allocations were calculated for each year based on the share of the load in each rate zone. These allocations are used to allocate CDM results reported for Entegrus' entire service territory by rate class in each rate zone.

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

OEB Staff:
Update the rate classes as appropriate. LDC to adjust the rate allocation class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA									
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
						kWh	kWh	kW	kW	kW	kWh	kW	kW	kW	
Consumer Program															
1	Appliance Retirement	Verified	12	18	128,583	100%									100%
2	Appliance Exchange	Verified	12	2	2,256	100%									100%
3	HVAC Incentives	Verified	12	269	479,102	100%									100%
4	Conservation Instant Coupon Booklet	Verified	12	7	107,884	100%									100%
5	Bi-Annual Retailer Event	Verified	12	10	169,465	100%									100%
6	Retailer Co-op	Verified	12			100%									100%
7	Residential Demand Response	Verified		19	49	100%									100%
8	Residential New Construction	Verified	12			100%									100%
	Adjustments to 2011 results (if any)	True-up	12	-38	-51,519	79%									79%
Business Program															
9	Retrofit	Verified	12	82	440,071			51%	49%						100%
10	Direct Install Lighting	Verified	12	45	108,271			100%							100%
11	Building Commissioning	Verified	3												
12	New Construction	Verified	12												
13	Energy Audit	Verified	12												
14	Commercial Demand Response (part of residential program)	Verified													
15	Demand Response 3	Verified													
	Adjustments to 2011 results (if any)	True-up	12	12	48,278			47%	33%						80%
Industrial Program															
16	Process & System Upgrades	Verified	12												
17	Monitoring & Targeting	Verified	12												
18	Energy Manager	Verified	12												
19	Retrofit	Verified	12	10	70,196				93%	7%					100%
20	Demand Response 3	Verified		649	38,091										

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

OEB Staff:
Update the rate classes as appropriate. LDC to adjust the rate allocation class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA										
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total	
16	Small Commercial Demand Response (IHD)	Verified														
17	Demand Response 3	Verified		68	984											
	Adjustments to 2012 results (if any)	True-up	12	30	271,706		47%	32%								79%
	Industrial Program															
18	Process & System Upgrades	Verified	12													
19	Monitoring & Targeting	Verified	12													
20	Energy Manager	Verified	12	141	246,600				80%							80%
21	Retrofit	Verified	12				1%	6%	60%	16%						83%
22	Demand Response 3	Verified														
	Adjustments to 2012 results (if any)	True-up	12	38	284,310				80%							80%
	Home Assistance Program															
23	Home Assistance Program	Verified	12	18	228,459	79%										79%
	Adjustments to 2012 results (if any)	True-up	12	1	12,342	79%										79%
	Pre-2011 Programs completed in 2011															
24	Electricity Retrofit Incentive Program	Verified	12													
25	High Performance New Construction	Verified	12	1	791				80%							80%
26	Toronto Comprehensive	Verified	12													
27	Multifamily Energy Efficiency Rebates	Verified	12													
28	LDC Custom Programs	Verified	12													
	Adjustments to 2012 results (if any)	True-up	12													
	Other															
29	Program Enabled Savings	Verified	12													
30	Time-of-Use Savings	Verified	12													
	Adjustments to 2012 results (if any)	True-up	12													
	Total kWh					694,963										
	Total kWh (excludes DR)					694,963										
	Total GS > 50 kW															
	Total GS > 50 kW (excludes Building Commissioning)								3,117	1,721						4,838

2012

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

OEB Staff:
Update the rate classes as appropriate. LDC to adjust the rate allocation class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA									
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
	Distribution Rate in 2012														
	Lost Revenue in 2012 from 2011 programs														
	Lost Revenue in 2012 from 2012 programs														
	Total Lost Revenue in 2012														
	2012 Savings Persisting in 2013					686,161	2,670,502	3,086	1,527						
	2012 Savings Persisting in 2014					685,979	2,610,688	2,967	1,363						
	2012 Savings Persisting in 2015					685,325	2,346,072	2,965	1,363						

Note: Allocations are adjusted based on load share for the rate zone found in tab "3a. Load shares."

OEB Staff:
Excludes demand response savings

Table 9. 2013 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA									
				2013 kW Saved	2013 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
	Consumer Program					kWh	kWh	kW	kW	kW	kWh	kW	kW	kW	
1	Appliance Retirement	Verified		2	76,967	77%									77%
2	Appliance Exchange	Verified		7	12,930	77%									77%
3	HVAC Incentives	Verified		60	264,990	77%									77%
4	Conservation Instant Coupon Booklet	Verified	12	4	55,697	77%									77%
5	Bi-Annual Retailer Event	Verified	12	9	124,145	77%									77%
6	Retailer Co-op	Verified	12			77%									77%
7	Residential Demand Response (switch/pstat)	Verified		341	603	77%									77%
8	Residential Demand Response (IHD)	Verified				77%									77%
9	Residential New Construction	Verified	12			77%									77%
	Adjustments to 2013 results (if any)	True-up	12	6	10,458	77%									77%

OEB Staff:
All total rows should be adjusted to match the rate allocations for each LDC. The formulas included here act as an example.

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

OEB Staff:
Update the rate classes as appropriate. LDC to adjust the rate allocation class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Table 7. 2011 Lost Revenues Work Form

2013

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA									
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
Business Program															
10	Retrofit	Verified	12	458	2,612,541		26%	43%	10%	0%					79%
11	Direct Install Lighting	Verified	12	134	466,827		79%								79%
12	Building Commissioning	Verified	3												
13	New Construction	Verified	12					100%							100%
14	Energy Audit	Verified	12					79%							79%
15	Small Commercial Demand Response (switch/pstat)*	Verified													
16	Small Commercial Demand Response (IHD)	Verified													
17	Demand Response 3	Verified		69	917										
	Adjustments to 2013 results (if any)	True-up	12	95	582,615		22%	49%	8%	0%					80%
Industrial Program															
18	Process & System Upgrades	Verified	12							100%					100%
19	Monitoring & Targeting	Verified	12												
20	Energy Manager	Verified	12	101	176,580					100%					100%
21	Retrofit	Verified	12												
22	Demand Response 3	Verified													
	Adjustments to 2013 results (if any)	True-up	12	0	20,935					100%					100%
Home Assistance Program															
23	Home Assistance Program	Verified	12	58	773,555	77%									77%
	Adjustments to 2013 results (if any)	True-up	12	7	77,409	77%									77%
Pre-2011 Programs completed in 2011															
24	Electricity Retrofit Incentive Program	Verified	12												
25	High Performance New Construction	Verified	12												
26	Toronto Comprehensive	Verified	12												
27	Multifamily Energy Efficiency Rebates	Verified	12												
28	LDC Custom Programs	Verified	12												
	Adjustments to 2013 results (if any)	True-up	12												
Other															

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

OEB Staff:
Update the rate classes as appropriate. LDC to adjust the rate allocation class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA										
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total	
4	Conservation Instant Coupon Booklet	Verified	12	15	203,469	78%										78%
5	Bi-Annual Retailer Event	Verified	12	58	888,122	78%										78%
6	Retailer Co-op	Verified	12			78%										78%
7	Residential Demand Response (switch/pstat)	Verified		625		78%										78%
8	Residential Demand Response (IHD)	Verified				78%										78%
9	Residential New Construction	Verified	12			78%										78%
	Adjustments to 2014 results (if any)	True-up	12													
	Business Program															
10	Retrofit	Verified	12	838	5,026,732		15%	68%	2%							85%
11	Direct Install Lighting	Verified	12	109	394,100		81%									81%
12	Building Commissioning	Verified	3													
13	New Construction	Verified	12													100%
14	Energy Audit	Verified								100%						74%
15	Small Commercial Demand Response (switch/pstat)*	Verified								74%						
16	Small Commercial Demand Response (IHD)	Verified														
17	Demand Response 3	Verified		47						100%						100%
	Adjustments to 2014 results (if any)	True-up														
	Industrial Program															
18	Process & System Upgrades	Verified	12	333	3,316,500					100%						100%
19	Monitoring & Targeting	Verified	12													
20	Energy Manager	Verified	12	23	314,228					100%						100%
21	Retrofit	Verified	12													
22	Demand Response 3	Verified		677						28%	58%					86%
	Adjustments to 2014 results (if any)	True-up	12													
	Home Assistance Program															
23	Home Assistance Program	Verified	12	18	172,172	78%										78%
	Adjustments to 2014 results (if any)	True-up	12													

2014

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

OEB Staff:
Update the rate classes as appropriate. LDC to adjust the rate allocation class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g).

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA									
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 999 kW	GS 1,000 TO 4,999 kW	Intermediate with Self Generation	Unmetered Scattered Load	Standby Power	Sentinel Lighting	Street Lighting	Total
Pre-2011 Programs completed in 2011															
24	Electricity Retrofit Incentive Program	Verified	12												
25	High Performance New Construction	Verified	12												
26	Toronto Comprehensive	Verified	12												
27	Multifamily Energy Efficiency Rebates	Verified	12												
28	LDC Custom Programs	Verified	12												
	Adjustments to 2014 results (if any)	True-up	12												
Other															
29	Program Enabled Savings	Verified	12	45	134,467										74%
30	Time-of-Use Savings	Verified	12	499											74%
	Adjustments to 2014 results (if any)	True-up	12												
	Total kWh					1,336,477									
	Total kWh (excludes DR)					1,336,477									
	Total GS > 50 kW							7,235	218		4,267				11,720
	Total GS > 50 kW (excludes Building Commissioning)							7,235	218		4,267				11,720
Distribution Rate in 2014 Lost Revenue in 2014 from 2011 programs Lost Revenue in 2014 from 2012 programs Lost Revenue in 2014 from 2013 programs Lost Revenue in 2014 from 2014 programs Total Lost Revenue in 2014 2014 Savings Persisting in 2015															
1,233,547 1,052,611 6,700 213 4,267															

Note: Some allocations are adjusted based on load share for the rate zone found in tab "3a. Load shares" and where available, other allocations are based on project data.

Adjustments to 2015 results (if any)	True-up	12							
Pilots									
16 Loblaws Pilot	Verified	12							
17 Social Benchmarking Pilot	Verified	12							
18 Conservation Fund Pilot - SEG	Verified	12							
19 Conservation Fund Pilot - EnerNOC	Verified	12							
Adjustments to 2015 results (if any)	True-up	12							
2015-2020 Conservation First Framework Programs									
Residential Province-Wide Programs									
21 Save on Energy Coupon Program	Verified	12	38	588,675	78%				78%
22 Save on Energy Heating and Cooling Program	Verified	12	62	121,369	78%				78%
23 Save on Energy New Construction Program	Verified	12			78%				78%
24 Save on Energy Home Assistance Program	Verified	12			78%				78%
Adjustments to 2015 results (if any)	True-up	12							
Non-Residential Province-Wide Programs									
25 Save on Energy Audit Funding Program	Verified	12							
26 Save on Energy Retrofit Program	Verified	12	29	274,160		15%	81%	4%	100%
27 Save on Energy Small Business Lighting Program	Verified	12							
28 Save on Energy High Performance New Construction Program	Verified	12							
29 Save on Energy Existing Building Commissioning Program	Verified	3							
30 Save on Energy Process & Systems Upgrades Program	Verified	12							
31 Save on Energy Monitoring & Targeting Program	Verified	12							
32 Save on Energy Energy Manager Program	Verified	12							
Adjustments to 2015 results (if any)	True-up	12							
Local & Regional Programs									
33 Business Refrigeration Local Program	Verified	12							
34 First Nation Conservation Local Program	Verified	12							
35 Social Benchmarking Local Program	Verified	12							
Adjustments to 2015 results (if any)	True-up	12							
Pilot Programs									
36 Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified	12							
37 EnWin Utilities Ltd. - Building Optimization Pilot	Verified	12							
38 EnWin Utilities Ltd. - Re-Invest Pilot	Verified	12							
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified	12							
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	12							
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	12							
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	12							
43 Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified	12							
44 Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified	12							
45 Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified	12							
46 Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified	12							
47 Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	12							
48 Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	12							

49 Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified	12											
Adjustments to 2015 results (if any)	True-up	12											
Total kWh					1,400,785	1,828,869						3,229,654	
Total GS > 50 kW							9,911		9,328		-8,493	10,746	
Total GS > 50 kW (excludes Building Commissioning)							9,911		9,328		-8,493		
Distribution Rate in 2015					\$0.0085	\$0.0116	\$3.4258	\$4.6584	\$3.4416	\$0.0006	\$1.7368	\$0.3971	\$1.2027
Lost Revenue in 2015 from 2011 programs					\$6,612	\$5,930	\$4,912	\$41					\$17,494
Lost Revenue in 2015 from 2012 programs					\$5,825	\$27,214	\$10,159	\$6,351					\$49,549
Lost Revenue in 2015 from 2013 programs					\$8,910	\$13,267	\$9,454	\$2,908	\$4,259				\$38,797
Lost Revenue in 2015 from 2014 programs					\$10,485	\$12,210	\$22,953	\$993	\$14,686				\$61,327
Lost Revenue in 2015 from 2015 programs					\$11,907	\$21,215	\$33,953	\$32,104			-\$14,751		\$84,428
Total Lost Revenue in 2015					\$43,738	\$79,837	\$81,431	\$10,292	\$51,049		-\$14,751		\$251,596

Notes Some allocations are adjusted based on load share for the rate zone found in tab "3a. Load shares" and where available, other allocations are based on project data.

The PSUI results are for a single cogeneration project. Since this project has a significant impact on the lost revenue calculations, the months of demand savings have been adjusted to reflect the actual months of operation of the cogeneration facility in 2015.

LDC Custom Programs									
Pre-2011 Programs completed in 2011 Total									
	93	93	93	93	598,360	598,360	598,360	598,360	
Totals	535	535	527	519	2,104,188	2,104,188	2,086,771	2,019,755	

Table 17. Persistence by Program from the IESO for 2012 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement	18	18	17	9		119,701	119,701	118,983	71,957	
Appliance Exchange	4	4	4			7,322	7,322	7,308		
HVAC Incentives	182	182	182	182		303,127	303,127	303,127	303,127	
Conservation Instant Coupon										
Booklet	2	2	2	2		10,104	10,104	10,104	9,952	
Bi-Annual Retailer Event	11	11	11	10		193,530	193,530	193,530	173,971	
Retailer Co-Op										
Residential Demand Response (switch/pstat)										
Residential Demand Response (IHD)										
Residential New Construction										
Consumer Program Total	216	216	215	203		633,784	633,784	633,052	559,007	
Business Program										
Retrofit	704	676	675	675		4,125,352	4,032,561	4,031,548	4,031,548	
Direct Install Lighting	201	196	120	120		782,496	761,672	440,238	439,910	
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand Response (switch/pstat)										
Small Commercial Demand Response (IHD)										
Demand Response 3										
Business Program Total	905	872	796	796		4,907,847	4,794,233	4,471,786	4,471,458	
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager	141	141	141	141						
Retrofit										
Demand Response 3										
Industrial Program Total	141	141	141	141						
Home Assistance Program										
Home Assistance Program	17	17	17	17		217,283	217,283	217,283	211,337	
Home Assistance Program Total	17	17	17	17		217,283	217,283	217,283	211,337	
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction	1	1	1	1		791	791	791	791	
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011 Total	1	1	1	1		791	791	791	791	
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals	1,280	1,247	1,170	1,157		5,759,705	5,646,090	5,322,913	5,242,593	

LDC Custom Programs										
Pre-2011 Programs completed in 2011										
	-26	-26	-27	-27	-27	-3,240	-3,240	-5,168	-5,168	-6,781
Totals	-26	-26	-27	-27	-27	-3,240	-3,240	-5,168	-5,168	-6,781

Table 21. Persistence by Program from the IESO for 2012 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives	4	4	4	4		7,786	7,786	7,786	7,786	
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand Response (switch/pstat)										
Residential Demand Response (IHD)										
Residential New Construction										
Consumer Program Total	4	4	4	4		7,786	7,786	7,786	7,786	
Business Program										
Retrofit	27	27	27	27		260,823	260,823	260,823	260,823	
Direct Install Lighting	3	3	3	3		10,883	10,883	10,883	10,883	
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand Response (switch/pstat)										
Small Commercial Demand Response (IHD)										
Demand Response 3										
Business Program Total	30	30	30	30		271,706	271,706	271,706	271,706	
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager	18	1	1	1		107,730	19,620	19,620	19,620	
Retrofit										
Demand Response 3										
Industrial Program Total	18	1	1	1		107,730	19,620	19,620	19,620	
Home Assistance Program										
Home Assistance Program	1	1	1	1		12,342	12,111	12,012	11,001	
Home Assistance Program Total	1	1	1	1		12,342	12,111	12,012	11,001	
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011 Total										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals	54	37	37	37		399,564	311,223	311,124	310,113	

Retailer Co-Op				
Residential Demand Response (switch/pstat)				
Residential Demand Response (IHD)				
Residential New Construction				
Consumer Program Total	279	275	1,410,881	1,342,785
Business Program				
Retrofit	821	821	4,961,458	4,961,458
Direct Install Lighting	106	96	382,815	345,944
Building Commissioning				
New Construction				
Energy Audit				
Small Commercial Demand Response (switch/pstat)				
Small Commercial Demand Response (IHD)				
Demand Response 3				
Business Program Total	928	918	5,344,273	5,307,402
Industrial Program				
Process & System Upgrades	333	333	3,316,500	3,316,500
Monitoring & Targeting				
Energy Manager	23	23	314,228	314,228
Retrofit				
Demand Response 3				
Industrial Program Total	356	356	3,630,728	3,630,728
Home Assistance Program				
Home Assistance Program	18	17	171,801	157,852
Home Assistance Program Total	18	17	171,801	157,852
Pre-2011 Programs completed in 2011				
Electricity Retrofit Incentive Program				
High Performance New Construction				
Toronto Comprehensive Multifamily Energy Efficiency Rebates				
LDC Custom Programs				
Pre-2011 Programs completed in 2011 Total				
Other				
Program Enabled Savings				
Time-of-Use Savings				
Other Total				
Totals	1,580	1,565	10,557,684	10,438,768

Retailer Co-Op				
Residential Demand Response (switch/pstat)				
Residential Demand Response (IHD)				
Residential New Construction				
Consumer Program Total				
Business Program				
Retrofit				
Direct Install Lighting				
Building Commissioning				
New Construction				
Energy Audit				
Small Commercial Demand Response (switch/pstat)				
Small Commercial Demand Response (IHD)				
Demand Response 3				
Business Program Total				
Industrial Program				
Process & System Upgrades				
Monitoring & Targeting				
Energy Manager				
Retrofit				
Demand Response 3				
Industrial Program Total				
Home Assistance Program				
Home Assistance Program				
Home Assistance Program Total				
Pre-2011 Programs completed in 2011				
Electricity Retrofit Incentive Program				
High Performance New Construction				
Toronto Comprehensive Multifamily Energy Efficiency Rebates				
LDC Custom Programs				
Pre-2011 Programs completed in 2011				
Other				
Program Enabled Savings				
Time-of-Use Savings				
Other Total				
Totals				

Table 24. Persistence by Rate Class

Program year	Residential	GS < 50	GS 50 to	GS 1,000	Intermedia	Unmetered	Standby	Sentinel	Street	"--Unused	"--
	kWh	kWh	999 kW	TO 4,999	te with	Scattered	Power	Lighting	Lighting	- hide	Unused
			kWh	kWh	Self	Load					hide
					Generation						
					kWh						
					kWh						
2011											
in 2012	846,714	528,309	1,434	9							
in 2013	846,714	528,309	1,434	9							
in 2014	844,848	511,173	1,434	9							
in 2015	777,832	511,173	1,434	9							
2012											
in 2013	686,161	2,670,502	3,086	1,527							
in 2014	685,979	2,610,688	2,967	1,363							
in 2015	685,325	2,346,072	2,965	1,363							
2013											
in 2014	1,057,298	1,167,191	2,820	639	1,238						
in 2015	1,048,177	1,143,748	2,760	624	1,238						
2014											
in 2015	1,233,547	1,052,611	6,700	213	4,267						

Note: Persistence of 2014 street lighting results were calculated directly in Table 26 in tab 8. Street lighting.

2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

[Check OEB website](#)

Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for fiscal year 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared														
Opening Balance for fiscal year 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for fiscal year 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared														
Opening Balance for fiscal year 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$4.46	\$8.15	\$8.31	\$1.05	\$5.21	\$0.00	-\$1.51	\$0.00	\$0.00	\$0.00	\$25.68
Mar-15	2011-2015	Q1	0.12%	\$8.93	\$16.30	\$16.63	\$2.10	\$10.42	\$0.00	-\$3.01	\$0.00	\$0.00	\$0.00	\$51.37
Apr-15	2011-2015	Q2	0.09%	\$10.02	\$18.30	\$18.66	\$2.36	\$11.70	\$0.00	-\$3.38	\$0.00	\$0.00	\$0.00	\$57.66
May-15	2011-2015	Q2	0.09%	\$13.36	\$24.39	\$24.88	\$3.14	\$15.60	\$0.00	-\$4.51	\$0.00	\$0.00	\$0.00	\$76.88
Jun-15	2011-2015	Q2	0.09%	\$16.71	\$30.49	\$31.10	\$3.93	\$19.50	\$0.00	-\$5.63	\$0.00	\$0.00	\$0.00	\$96.10
Jul-15	2011-2015	Q3	0.09%	\$20.05	\$36.59	\$37.32	\$4.72	\$23.40	\$0.00	-\$6.76	\$0.00	\$0.00	\$0.00	\$115.31
Aug-15	2011-2015	Q3	0.09%	\$23.39	\$42.69	\$43.54	\$5.50	\$27.30	\$0.00	-\$7.89	\$0.00	\$0.00	\$0.00	\$134.53
Sep-15	2011-2015	Q3	0.09%	\$26.73	\$48.79	\$49.76	\$6.29	\$31.20	\$0.00	-\$9.01	\$0.00	\$0.00	\$0.00	\$153.75
Oct-15	2011-2015	Q4	0.09%	\$30.07	\$54.89	\$55.98	\$7.08	\$35.10	\$0.00	-\$10.14	\$0.00	\$0.00	\$0.00	\$172.97
Nov-15	2011-2015	Q4	0.09%	\$33.41	\$60.99	\$62.20	\$7.86	\$39.00	\$0.00	-\$11.27	\$0.00	\$0.00	\$0.00	\$192.19
Dec-15	2011-2015	Q4	0.09%	\$36.75	\$67.08	\$68.42	\$8.65	\$42.90	\$0.00	-\$12.39	\$0.00	\$0.00	\$0.00	\$211.41
Total for fiscal year 2015				\$223.88	\$408.66	\$416.82	\$52.68	\$261.31	\$0.00	-\$75.50	\$0.00	\$0.00	\$0.00	\$1,287.86
Amount Cleared														
Opening Balance for fiscal year 2016				\$223.88	\$408.66	\$416.82	\$52.68	\$261.31	\$0.00	-\$75.50	\$0.00	\$0.00	\$0.00	\$1,287.86
Jan-16	2011-2016	Q1	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Feb-16	2011-2016	Q1	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Mar-16	2011-2016	Q1	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Apr-16	2011-2016	Q2	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
May-16	2011-2016	Q2	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Jun-16	2011-2016	Q2	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Jul-16	2011-2016	Q3	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Aug-16	2011-2016	Q3	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Sep-16	2011-2016	Q3	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Oct-16	2011-2016	Q4	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Nov-16	2011-2016	Q4	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Dec-16	2011-2016	Q4	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Total for fiscal year 2016				\$705.00	\$1,286.87	\$1,312.56	\$165.90	\$822.84	\$0.00	-\$237.76	\$0.00	\$0.00	\$0.00	\$4,055.42
Amount Cleared														
Opening Balance for fiscal year 2017				\$705.00	\$1,286.87	\$1,312.56	\$165.90	\$822.84	\$0.00	-\$237.76	\$0.00	\$0.00	\$0.00	\$4,055.42
Jan-17	2011-2017	Q1	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Feb-17	2011-2017	Q1	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Mar-17	2011-2017	Q1	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Apr-17	2011-2017	Q2	0.09%	\$40.09	\$73.18	\$74.64	\$9.43	\$46.79	\$0.00	-\$13.52	\$0.00	\$0.00	\$0.00	\$230.63
Total for fiscal year 2017				\$865.38	\$1,579.60	\$1,611.14	\$203.64	\$1,010.02	\$0.00	-\$291.85	\$0.00	\$0.00	\$0.00	\$4,977.94
Amount Cleared														
Opening Balance for fiscal year 2018				\$865.38	\$1,579.60	\$1,611.14	\$203.64	\$1,010.02	\$0.00	-\$291.85	\$0.00	\$0.00	\$0.00	\$4,977.94

Entegrus (Chatham-Kent) 2015 LRAMVA



Entegrus (Chatham-Kent) lost revenue
related to Conservation and Demand
Management

2015



This document was prepared for Entegrus Powerlines Inc. by IndEco Strategic Consulting Inc.

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Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive electricity local distribution companies (LDCs) may have to promote conservation and demand management (CDM) programs. CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs, which directly impact the LDC's revenue. The LRAM allows LDCs to be compensated for lost revenue that resulted from CDM programs the LDC offered to its customers.

Starting in 2011, the Ontario Energy Board (OEB) authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC's load forecast.¹

Entegrus Powerlines is an amalgamation of Middlesex Power Distribution Corporation (MPDC) with Chatham-Kent Hydro that came into effect in 2012. For 2015 Entegrus (Chatham-Kent) and Entegrus (MPDC) will be dealt with separately for LRAMVA purposes, as they each have different rates and rate classes in 2015.

Entegrus Powerlines Inc. (Entegrus) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. Entegrus is required to use “the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation.”² The final 2015 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, Entegrus may claim lost revenue from CDM programs up to and including 2015 in Entegrus's 2017 rate case (EB-2016-0063).

Entegrus has disposed of lost revenues from 2011–2014 CDM programs in previous rate cases. This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2015 related to programs offered in 2011,
- Lost revenues in 2015 related to programs offered in 2012,
- Lost revenues in 2015 related to programs offered in 2013,
- Lost revenues in 2015 related to programs offered in 2014, and
- Lost revenues in 2015 related to programs offered in 2015.

¹ *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

² *Filing Requirements For Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2016.

The carrying charges on the above variances through April 2017 are also reported.

Methodology

In principle, the determination of lost revenues is a simple calculation:

$$\text{LR} = (\text{CDM results} - \text{CDM results in the load forecast}) * \text{rate}$$

In practice, it is somewhat more complicated than that because of the limitations of the information available to calculate CDM results, the different time periods of results data and the rate year, and the need to determine carrying charges on the lost revenues.

The most recent input assumptions currently available have been used to calculate the lost revenue values.

CDM results

From 2011 through 2015, Entegrus offered provincial programs in partnership with the Independent Electricity System Operator (IESO). Entegrus did not offer custom programs beyond the IESO programs.

IESO evaluation results

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTGR), and then from those calculates net energy savings by initiative within program group (residential, business, industrial and low-income). Peak load reductions are also calculated, and reported in the same way.

Provincial results are allocated to individual LDCs based on each LDC's individual performance where possible, or through an allocation process.

The IESO reports energy savings and peak demand reductions, by initiative in the current year, adjustments to the previous year, based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period. The savings and demand reductions for a particular year for a number of programs persist in the following years. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year.

These are the best, most definitive and defensible estimates of results associated with these programs, and incorporate the most appropriate estimates of results from the measures installed.

However, these data have some limitations, and require some adjustments for use in lost revenue calculations.

Allocating results to rate classes

The IESO reports results by 'program', within four main programs: residential, business (commercial and institutional), industrial and low-income. These only partially map onto rate classes. For initiatives that apply to more than one rate class, Entegrus staff estimated the split by rate class, drawing on participant-specific information where available.

Application of reported results

As previously mentioned, the IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the IESO reported demand reductions are used to calculate lost revenues related to CDM results. The demand reductions in the IESO reports should be multiplied by a multiplier based on the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year... In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."³

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month... Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts."⁴

³ Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

⁴ *Ibid.* p. 7.

Load reductions accounted for in the load forecast

In recent years, LDCs have tried to account for load losses due to CDM programs in their load forecasts, submitted as part of their Cost of Service applications. These forecasted reductions need to be deducted from load losses attributable to CDM programs, to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

Overall impact of CDM on load, by rate class

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were captured in the most recent load forecast.

Distribution rates

Revenue impacts to the LDC associated with CDM are calculated using the distribution volumetric rate. Most other rate components (e.g. service charges, global adjustment, transmission charges) are either fixed charges or pass-throughs for the utility that do not affect the LDC's revenues. An exception is for certain rate riders related to taxes, and these are added to the distribution volumetric rates for lost revenue calculations, where applicable.

For most electricity distribution utilities in Ontario, including Entegrus, distribution rates are set for the period from 1 May to 30 April of the next year. CDM results are reported for the calendar year, so average rates for the calendar year need to be calculated. For simplicity, the average rate is estimated based on the rate being four twelfths of the previous year's rate (for January through April), and eight twelfths of the current year's rate (for May through December).

Lost revenues variance

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.⁵ The variance is the difference between these lost revenues and the quantity of CDM in the load forecast, or what is called 'the LRAMVA threshold'.

Because these revenues are lost throughout the year, and are only recovered through rate riders in subsequent years, the Ontario Energy

⁵ Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB, and published on the Board's website. The carrying charges are simple interest, not compounded and are calculated on the monthly lost revenue balance. Because the IESO final results estimates are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. So 1/12 of the annual results are allocated to each month of the year.

Carrying charges accrue from the time of the results, until disposition.

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

Results

Following the methodology described above, lost revenues were calculated for Entegrus (Chatham-Kent).

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by Entegrus. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for Entegrus Powerlines Inc.* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for Entegrus Powerlines Inc.* file released by the IESO on September 1, 2015. The net verified final 2015 results can be found in the “Net Incremental First Year Energy Savings” and “Net Incremental First Year Peak Demand Savings” sections of the “LDC Progress” tab in the *Final 2015 Annual Verified Results Report for Entegrus Powerlines Inc.* file released by the IESO on June 30, 2016.

The IESO provided Entegrus with persistence data for 2011-2014 results and 2011-2013 adjustments at the initiative level. The data provided are presented in new Tables 16 to 22 on Tab 6 of the OEB LRAMVA work form that is filed with this document.

Table 16 of the OEB LRAMVA work form shows the estimated persistence of 2011 results into future years. Table 17 of the OEB LRAMVA work form shows the persistence of 2012 results into future years. Table 18 of the OEB LRAMVA work form shows the persistence of 2013 results into future years. Table 19 of the OEB LRAMVA work form shows the persistence of 2014 results through 2015. Table 20 of the OEB LRAMVA work form shows the persistence of 2011 adjustments into future years. Table 21 of the OEB LRAMVA work form shows the persistence of 2012 adjustments into future years. Table 22 of the OEB LRAMVA work form shows the estimated persistence of 2013 adjustments into future years. No adjustments were provided for 2014 final results.

The IESO provided 2011 results for Chatham-Kent Hydro and Middlesex Power Distribution Corporation separately, but provided 2012, 2013, 2014 and 2015 results and 2011, 2012, and 2013 adjustments for Entegrus as a whole. As the subsets of Entegrus’ service territory that were previously Chatham-Kent Hydro and Middlesex Power Distribution Corporation have different rate classes and rates, they have been handled as separate rate zones for lost revenue purposes. The percentages of load in each rate class for each year were used to allocate the results and adjustments between the previous

service territories of Chatham-Kent Hydro and Middlesex Power Distribution Corporation. The percentage allocation of load (in kW or kWh, depending on the billing units of each rate class) by rate class for the previous service territories of Chatham-Kent Hydro and Middlesex Power Distribution Corporation is shown in Table 6a of the OEB LRAMVA work form. Where rate classes match, the totals do not always add up to 100%, as Entegrus' service territory also includes two very small additional amalgamated previous service territories of Dutton and Newbury. The populations in both Dutton and Newbury are so small that it was assumed that they did not significantly contribute to CDM results.

Cogeneration project

In 2015, one of Entegrus (Chatham-Kent)'s customers undertook a project under the Process and Systems Upgrades Initiatives - Project Incentive Initiative to install a cogeneration unit. This project had a significant impact on Entegrus' progress towards Entegrus' CDM targets and on Entegrus' revenue. Due to the scale of this project, Entegrus has adjusted the lost revenue calculations in 2015 to reflect the actual operation of the cogeneration unit. Instead of multiplying the demand results attributed by the IESO to the project by 12 to reflect operation for the full year, Entegrus has multiplied the demand results by 3 to more closely represent the actual lost revenue from the project. The cogeneration unit was in operation for 3 full months in 2015, not 12 months.

The customer who implemented cogeneration becomes subject to charges for standby power, which increases Entegrus' revenue. This increase is deducted from the lost revenue associated with the project. This is shown in Table-11a of the OEB work form as a -100% allocation to the Standby Power rate class.

Allocating results to rate classes

Entegrus provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit Incentive Program and High Performance New Construction. No allocation was provided for programs for which Entegrus has no program results.

Entegrus bills customers in different rate classes using different volumetric units, either kilowatt hours (kWh), or customer peak monthly kilowatts (kW). The rate classes (and billing units) for Entegrus (Chatham-Kent) are:

- Residential (kWh)
- GS <50 kW (kWh)
- GS 50 to 999 kW (kW)

- GS 1,000 TO 4,999 kW (kW)
- Intermediate with Self Generation (kW)
- Unmetered Scattered Load (kWh)
- Standby Power (kW)
- Sentinel Lighting (kW)
- Street Lighting (kW)

Table 7 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2011 results and adjustments. Table 8 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2012 results and adjustments. Table 9 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 10 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Table 11-a of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 results. In each year the rate class allocation percentage totals for each program may not add up to 100%, as some allocations are adjusted based on load share for the rate zone found in Table 6a of the OEB LRAMVA work form. Where available, other allocations are based on project data.

Load reductions accounted for in the load forecast

Entegrus (Chatham-Kent)'s last cost of service application was filed in 2010. The load forecast associated with that application did not account for load losses from 2011 – 2015 CDM programs.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for Entegrus (Chatham-Kent) for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 7 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 8 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 10 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Table 11-a of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2015.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for Entegrus (Chatham-Kent) are shown in Table 5 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in the 2011 to 2015 time period. Table 6 of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year.

Lost revenues

The lost revenues for each year by rate class for Entegrus (Chatham-Kent) calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year. The load impact in 2015 includes the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

The lost revenue for 2015 is based on final verified results provided by the IESO.

Carrying charges

The monthly carrying charges by rate class on Entegrus (Chatham-Kent)'s lost revenue variance are shown in Table 15 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to April 30, 2017.

Conclusions

The LRAMVA balance at the end of December 2015 for Entegrus (Chatham-Kent) that includes results from 2011 – 2015 CDM programs and adjustments to 2011 to 2013 results in 2015 is \$242,482.33. The total carrying charges on this LRAMVA balance accumulated to April 30, 2017 are \$4,797.61. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$43,736.16	\$865.38	\$44,603.54
GS < 50 kW	\$77,287.86	\$1,529.17	\$78,817.04
GS 50 to 999 kW	\$74,865.71	\$1,481.25	\$76,346.96
GS 1,000 TO 4,999 kW	\$10,292.33	\$203.64	\$10,495.97
Intermediate with Self Generation	\$51,048.91	\$1,010.02	\$52,058.93
Standby Power	\$-14,750.64	\$-291.85	\$-15,042.49
Total	\$242,482.33	\$4,797.61	\$247,279.95

NOTE: There are no LRAMVA or carrying charge values associated with rate classes not included in this table. Standby Power charges were increased as a result of a CDM cogeneration project. These additional revenues are subtracted from revenues otherwise lost, so appear as a negative number in this table.



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ATTACHMENT G

LRAMVA Model & Report - SMP

Prepared by IndEco Strategic Consulting



Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) Work Form

Generic LRAMVA Work Forms

File Name	Description
1. LRAMVA Summary	Table 1 provides a summary of the LRAMVA balances and carrying charges associated with the LRAMVA claim. The balances are populated from entries into other tabs throughout this work form.
2. CDM Allocation	Tables 2, 3 and 4 include the CDM savings and allocation by rate class that were included in the load forecast.
3. Distribution Rates	Tables 5 and 6 include a historical account of distribution rates that were used to calculate lost revenues.
4. 2011-14 LRAM	Tables 7, 8, 9 and 10 includes 2011-2014 LRAMVA work forms. These should only be used if the LDC has not applied for approval of these amounts.
5. 2015 LRAM	Table 11-a includes a template workflow for calculating 2015 lost revenues based on legacy and new programs.
6. Persistence Rates	Tables 12 and 13 includes the 2011-2014 persistence factors and 2015-2020 persistence factors.
7. Carrying Charges	Tables 19 and 20 includes the carrying charges related to the LRAMVA claim that is being made.

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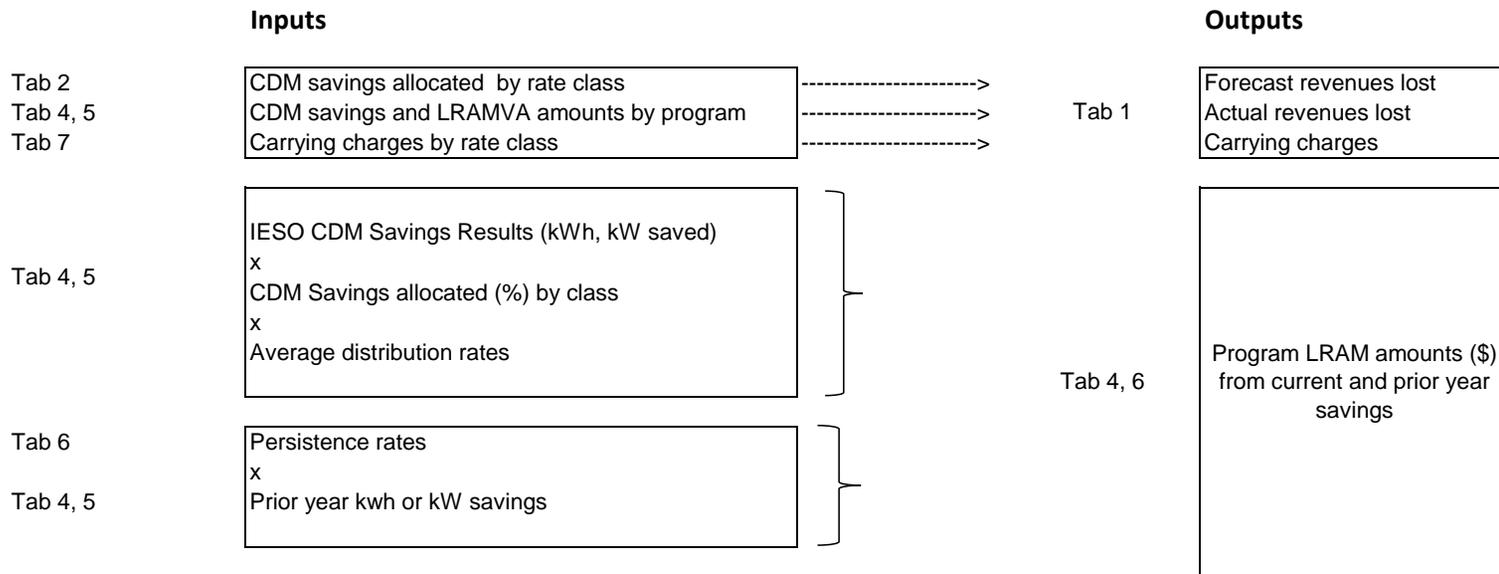
While this model has been provided in Excel format and is required to be filed with the applications, the onus remains on the applicant to ensure the accuracy of the data and the results.



LRAMVA Work Form: Input-Output Schematic

General Note on the LRAMVA Model

The LRAMVA model consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the CDM component of the load forecast and ultimately, any variance between actual CDM savings and the CDM component of the load forecast. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year.



LRAMVA Work Form: Summary Table

LRAMVA Summary

This is a summary sheet that contains the final LRAMVA balances with links from **Tabs 2, 4, 5 and 7**.

File Number	EB-2016-0063	Amount of LRAM claimed in the past	\$ 453,659.26	Note: amount is total for Entegrus
Exhibit		Years of LRAM Claimed	2011-2014	
Schedule		Last Cost of Service Application (File No.)	EB-2005-0351	
Tab				
Page				
Legend	User Inputs (Green)	Amount of LRAMVA to claim	\$33,557.68	
	Auto Populated Cells (White)	Recovery Period of LRAMVA Claim		

Table 1. Annual and Total LRAMVA by Rate Class

Description	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
2011 Forecast								
2011 Actuals								
Amount Cleared								
2012 Forecast								
2012 Actuals								
Amount Cleared								
2013 Forecast								
2013 Actuals								
Amount Cleared								
2014 Forecast								
2014 Actuals								
Amount Cleared								
2015 Forecast								
2015 Actuals	\$18,642.61	\$4,994.99	\$9,074.46	\$45.36			\$149.20	\$32,906.61
Amount Cleared								
Carrying Charges	\$368.85	\$98.83	\$179.54	\$0.90			\$2.95	\$651.07
Total LRAMVA Balance	\$19,011.46	\$5,093.81	\$9,254.00	\$46.26			\$152.15	\$33,557.68

LRAMVA Work Form: CDM Allocation

CDM Savings Target Allocation by Rate Class

Instruction

Please update the template as needed or replace this spreadsheet with an existing templates that estimated savings in CDM forecast. An example template is provided below and can be filled in if it is applicable to the LDC. The LDC may re-populate CDM savings by rate class for historical years based on past year's approved cost of service application, or relevant information from **Appendix 2-1**. Alternatively, LDCs may want to link this spreadsheet to their CDM savings allocation (e.g. appended as another tab in this workbook) to fill in **Tables 2, 3 and 4** below.

Legend

User Inputs (Green)
Auto Populated Cells (White)

Table 2. Amount used for CDM Threshold for LRAMVA

Forecast Year	kWh	kW	kWh (check)
2011	-		
2012	-		
2013	-		
2014	-		
2015	-		
2016	-		
2017	-		

Table 3. Allocation of CDM Savings (Energy and Demand Billed) by Rate Class in Approved Load Forecast

Forecast Year	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
	kWh	kWh	kW	kW	kWh	kW	kW
2011							
2012							
2013							
2014							
2015							
2016							

Tables 3A: CDM Adjustment as Approved in Cost of Service Application

Note: Tables 3A are not used so have been hidden

Note:

Actual CDM Threshold and Allocation values were used in Tables 2 and 3, so Tables 3a were not filled out.

Table 4. Forecast Lost Revenue Amounts by Rate Class

Forecast Year	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	\$	\$	\$	\$	\$	\$	\$	\$
2011								
2012								
2013								
2014								
2015								
2016								

Notes: References directly the CDM amounts in the forecast. See "Forecast" tab. Tables 2 and 3a not used, as the values do not impact LRAMVA and Tables 3a assumed allocation of CDM impacts based on kWh load share by rate class.

Forecasted impact of CDM in the load forecast

Table 2a. LRAMVA Thresholds 2010

	Residential	GS < 50 kW	GS 50 to 4,999 kW	Standby Power	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
	kWh	kWh	kW	kW	kWh	kW	kW	
kWh	-	-	-	-	-	-	-	-
kW	-	-	-	-	-	-	-	-

Source: No CDM from 2011-2014 was assumed in the load forecast done with the 2010 Cost of Service application



LRAMVA Work Form: Distribution Rates

Distribution Rates

Instruction

Please update **Table 5** with the approved distribution rates for the utility's respective rate classes. The applicable rates to estimate lost revenues will autopopulate in **Table 6** and be used in the LRAM Work Sheets (**Tab 4 and Tab 5**) for the applicable year in which LRAM is claimed.

LDCs to update the rate classes as appropriate below depending on the utility's customer mix.

Legend

User Inputs (Green)

Auto Populated Cells (White)

Table 5. Distribution Volumetric Rate by Billing Period

Decision & Orders for Approved Volumetric Rates:	EB-2009-0202	EB-2010-0098	8 and updated in E	EB-2012-0119	EB-2013-0120	EB-2015-0064			
Rate Class	Billing Unit	May 1, 2010- April 30, 2011	May 1, 2011- April 30, 2012	May 1, 2012- April 30, 2013	May 1, 2013- April 30, 2014	May 1, 2014- April 30, 2015	May 1, 2015- April 30, 2016	May 1, 2016- April 30, 2017	May 1, 2017- April 30, 2018
<i>Rate Year</i>		2010	2011	2012	2013	2014	2015	2016	2017
<i>Pro-ratio of Rates (months) - Period 1</i>		8	8	8	8	8	8	8	
<i>Pro-ratio of Rates (months) - Period 2</i>		4	4	4	4	4	4	4	
Residential	kWh	\$ 0.0139	\$ 0.0139	\$ 0.0139	\$ 0.0140	\$ 0.0142	\$ 0.0144	\$ -	
GS < 50 kW	kWh	\$ 0.0048	\$ 0.0048	\$ 0.0048	\$ 0.0048	\$ 0.0049	\$ 0.0050	\$ -	
GS 50 to 4,999 kW	kW	\$ 1.4368	\$ 1.4397	\$ 1.4432	\$ 1.4555	\$ 1.4784	\$ 1.5000	\$ -	
Large Use	kW	\$ 0.0539	\$ 0.0540	\$ 0.0485	\$ 0.0501	\$ 0.0518	\$ 0.0527	\$ -	
Unmetered Scattered Load	kWh	\$ 0.0052	\$ 0.0052	\$ 0.0051	\$ 0.0052	\$ 0.0053	\$ 0.0054	\$ -	
Sentinel Lighting	kW	\$ 0.9858	\$ 0.9878	\$ 0.9852	\$ 0.9947	\$ 1.0104	\$ 1.0250	\$ -	
Street Lighting	kW	\$ 0.5776	\$ 0.5788	\$ 0.5753	\$ 0.5815	\$ 0.5906	\$ 0.5984	\$ -	

Table 6. Summary Table: Average Distribution Volumetric Rates by Year for LRAM Calculation

Rate Class	Billing Unit	2011	2012	2013	2014	2015	2016	2017
Residential	kWh					\$ 0.0143	\$ 0.0096	\$ -
GS < 50 kW	kWh					\$ 0.0049	\$ 0.0033	\$ -
GS 50 to 4,999 kW	kW					\$ 1.4856	\$ 1.0000	\$ -
Large Use	kW					\$ 0.0521	\$ 0.0351	\$ -
Unmetered Scattered Load	kWh					\$ 0.0053	\$ 0.0036	\$ -
Sentinel Lighting	kW					\$ 1.0153	\$ 0.6833	\$ -
Street Lighting	kW					\$ 0.5932	\$ 0.3989	\$ -

Note:

2011-2014 rates removed, as 2011-2014 LRAMVA was disposed in previous rate cases.

Table 6a. Rate class allocation for LRAMVA based on rate zone

Year	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting
2012	19%	14%	20%	100%	25%	11%	18%
2013	21%	17%	21%	100%	26%	11%	19%
2014	20%	16%	26%	100%	26%	11%	19%
2015	20%	17%	20%	100%	26%	11%	18%

Note: Rate class allocations were calculated for each year based on the share of the load in each rate zone. These allocations are used to allocate CDM results reported for Entegrus' entire service territory by rate class in each rate

LRAMVA Work Form: 2011-2014 Lost Revenues Work Form

2011-2014 Lost Revenues Work Form

Instruction

The following LRAM work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. This workbook contains links from **Tab 3** (Distribution Rates) and **Tab 6** (Persistence Rates). Demand Response (DR3) Savings should generally not be included with the LRAMVA calculation, unless supported by empirical evidence. Please see revised LRAM policy related to peak demand savings, issued by the OEB in EB-2016-0182.

LDC to adjust the rate allocations by class (columns h to n). Please insert IESO verified savings for applicable programs (columns f to g). Adjustments will apply to the year that LRAM is claimed.

Legend

User Inputs (Green)
Auto Populated Cells (White)

OEB Staff:
LDCs to update the IESO approved savings by program as appropriate.

OEB Staff:
Adjustments should be applied to the year that LRAM is claimed was related to. For example, adjustments to 2011 results should be shown as part of the calculation of 2011 lost revenues. In the event that the utility uses initiative level adjustments, these calculations can be done in a separate worksheet and included here.

Table 7. 2011 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							Total	
				2011 kW Saved	2011 kWh Saved	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting		
Consumer Program														
1	Appliance Retirement	Verified	12	7	49,310	100%								100%
2	Appliance Exchange	Verified	12	1	841	100%								100%
3	HVAC Incentives	Verified	12	49	90,693	100%								100%
4	Conservation Instant Coupon Booklet	Verified	12	2	28,180	100%								100%
5	Bi-Annual Retailer Event	Verified	12	2	42,895	100%								100%
6	Retailer Co-op	Verified	12			100%								100%
7	Residential Demand Response	Verified	12	111	287	100%								100%
8	Residential New Construction	Verified	12			100%								100%
	Adjustments to 2011 results (if any)	True-up	12	-38	-51,519	19%								19%
Business Program														
9	Retrofit	Verified	12	30	80,816		63%	37%						100%
10	Direct Install Lighting	Verified	12	13	35,792		100%							100%
11	Building Commissioning	Verified	3											
12	New Construction	Verified	12											
13	Energy Audit	Verified	12											
14	Commercial Demand Response (part of residential program)	Verified												
15	Demand Response 3	Verified		67	2,636									
	Adjustments to 2011 results (if any)	True-up	12	12	48,278		10%	6%						16%
Industrial Program														
16	Process & System Upgrades	Verified	12											
17	Monitoring & Targeting	Verified	12											
18	Energy Manager	Verified	12											
19	Retrofit	Verified	12											
20	Demand Response 3	Verified		105	6,184									
	Adjustments to 2011 results (if any)	True-up	12											
Home Assistance Program														
21	Home Assistance Program	Verified	12			100%								100%
	Adjustments to 2011 results (if any)	True-up	12		1									

2011

Pre-2011 Programs completed in 2011											
22	Electricity Retrofit Incentive Program	Verified	12	OEB Staff:	112,410			33%	33%	34%	100%
23	High Performance New Construction	Verified	12	All total rows should be adjusted to match the rate allocations for each LDC.					50%	50%	100%
24	Toronto Comprehensive	Verified	12	The formulas included here act as an example.							
25	Multifamily Energy Efficiency Rebates	Verified	12								
Adjustments to 2011 results (if any)											
True-up											
Total kWh											
202,271											
Total kWh (excludes DR)											
201,984											
Total GS > 50 kW											
218											
Total GS > 50 kW (excludes Building Commissioning)											
79											
297											
Distribution Rate in 2011											
Lost Revenue in 2011											
2011 Savings Persisting in 2012											
201,984 128,563 218 79											
2011 Savings Persisting in 2013											
201,984 128,563 218 79											
2011 Savings Persisting in 2014											
201,491 114,146 218 79											
2011 Savings Persisting in 2015											
175,897 114,146 218 79											

Note Rate class allocation percentage totals may not add up to 100% in cases where kWh savings are allocated to rate classes billed by kWh and kW demand reductions are allocated to rate classes billed by kW.

Table 8. 2012 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							
				2012 kW Saved	2012 kWh Saved	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Consumer Program													
1	Appliance Retirement	Verified	12	18	119,701	19%							19%
2	Appliance Exchange	Verified	12	4	7,322	19%							19%
3	HVAC Incentives	Verified	12	182	303,127	19%							19%
4	Conservation Instant Coupon Booklet	Verified	12	2	10,104	19%							19%
5	Bi-Annual Retailer Event	Verified	12	11	193,530	19%							19%
6	Retailer Co-op	Verified	12			19%							19%
7	Residential Demand Response (switch/pstat)	Verified				19%							19%
8	Residential Demand Response (IHD)	Verified				19%							19%
9	Residential New Construction	Verified	12			19%							19%
Adjustments to 2012 results (if any)													
True-up													
4 7,786 19%													
Business Program													
10	Retrofit	Verified	12	711	4,149,424		3%	16%					19%
11	Direct Install Lighting	Verified	12	201	782,496		14%						14%
12	Building Commissioning	Verified	3										
13	New Construction	Verified	12										
14	Energy Audit	Verified	12										
15	Small Commercial Demand Response (switch/pstat)*	Verified											
16	Small Commercial Demand Response (IHD)	Verified											
17	Demand Response 3	Verified		68	984								
Adjustments to 2012 results (if any)													
True-up													
30 271,706 3% 14% 18%													
Industrial Program													
18	Process & System Upgrades	Verified	12										
19	Monitoring & Targeting	Verified	12										
20	Energy Manager	Verified	12	141	246,600			20%					20%
21	Retrofit	Verified	12						100%				100%
22	Demand Response 3	Verified											
Adjustments to 2012 results (if any)													
True-up													
38 284,310 20%													
Home Assistance Program													
23	Home Assistance Program	Verified	12	18	228,459	19%							19%
Adjustments to 2012 results (if any)													
True-up													
1 12,342 19%													
Pre-2011 Programs completed in 2011													
24	Electricity Retrofit Incentive Program	Verified	12										
25	High Performance New Construction	Verified	12	1	791			20%					20%
26	Toronto Comprehensive	Verified	12										
27	Multifamily Energy Efficiency Rebates	Verified	12										
28	LDC Custom Programs	Verified	12										
Adjustments to 2012 results (if any)													
True-up													
Other													
29	Program Enabled Savings	Verified	12										
30	Time-of-Use Savings	Verified	12										

2012

Lost Revenue in 2013 from 2012 programs
 Lost Revenue in 2013 from 2013 programs
Total Lost Revenue in 2013
 2013 Savings Persisting in 2014
 2013 Savings Persisting in 2015

288,155	252,911	745	810
285,669	247,832	729	792

Note Allocations are adjusted based on load share for the rate zone found in tab "3a. Load shares."

Table 10. 2014 Lost Revenues Work Form

#	Initiative	Results Status	Months of Demand Savings	Net Incremental Peak Demand Savings (kW)	Net Incremental Energy Savings (kWh)	Rate Allocation for LRAMVA							
				2014 kW Saved	2014 kWh Saved	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	Total
Consumer Program						kWh	kWh	kW	kW	kWh	kW	kW	
1	Appliance Retirement	Verified	12	13	82,745	20%							20%
2	Appliance Exchange	Verified	12	13	23,644	20%							20%
3	HVAC Incentives	Verified	12	188	344,593	20%							20%
4	Conservation Instant Coupon Booklet	Verified	12	15	203,469	20%							20%
5	Bi-Annual Retailer Event	Verified	12	58	888,122	20%							20%
6	Retailer Co-op	Verified	12			20%							20%
7	Residential Demand Response (switch/pstat)	Verified		625									
8	Residential Demand Response (IHD)	Verified				20%							20%
9	Residential New Construction	Verified	12			20%							20%
	Adjustments to 2014 results (if any)	True-up	12										
Business Program													
10	Retrofit	Verified	12	838	5,026,732								
11	Direct Install Lighting	Verified	12	109	394,100			14%					15%
12	Building Commissioning	Verified	3										
13	New Construction	Verified	12										
14	Energy Audit	Verified											
15	Small Commercial Demand Response (switch/pstat)*	Verified								26%			26%
16	Small Commercial Demand Response (IHD)	Verified											
17	Demand Response 3	Verified		47									
	Adjustments to 2014 results (if any)	True-up											
Industrial Program													
18	Process & System Upgrades	Verified	12	333	3,316,500								
19	Monitoring & Targeting	Verified	12										
20	Energy Manager	Verified	12	23	314,228								
21	Retrofit	Verified	12										
22	Demand Response 3	Verified		677				14%					14%
	Adjustments to 2014 results (if any)	True-up	12										
Home Assistance Program													
23	Home Assistance Program	Verified	12	18	172,172	20%							20%
	Adjustments to 2014 results (if any)	True-up	12										
Pre-2011 Programs completed in 2011													
24	Electricity Retrofit Incentive Program	Verified	12										
25	High Performance New Construction	Verified	12										
26	Toronto Comprehensive	Verified	12										
27	Multifamily Energy Efficiency Rebates	Verified	12										
28	LDC Custom Programs	Verified	12										
	Adjustments to 2014 results (if any)	True-up	12										
Other													
29	Program Enabled Savings	Verified	12	45	134,467			26%					26%
30	Time-of-Use Savings	Verified	12	499									
	Adjustments to 2014 results (if any)	True-up	12										
	Total kWh					343,391							35
	Total kWh (excludes DR)					343,391							
	Total GS > 50 kW							1,506				21	
	Total GS > 50 kW (excludes Building Commissioning)							1,506				21	
Distribution Rate in 2014													
Lost Revenue in 2014 from 2011 programs													
Lost Revenue in 2014 from 2012 programs													
Lost Revenue in 2014 from 2013 programs													
Lost Revenue in 2014 from 2014 programs													
Total Lost Revenue in 2014													
2014 Savings Persisting in 2015						316,944	122,763	1,341				252	

OEB Staff:
Excludes demand response savings

Josh Shook:
Net savings from Parkhill streetlight upgrade excluded.

OEB Staff:
All total rows should be adjusted to match the rate allocations for each LDC. The formulas included here act as an example.

OEB Staff:
Adjust formulas as needed.

OEB Staff:
Adjust formulas as needed.

Josh Shook:
kW reduction for street lighting calculated directly from billing data.

Josh Shook:
kW reduction for street lighting calculated directly from billing data.

Notes: Some allocations are adjusted based on load share for the rate zone found in tab "3a. Load shares" and where available, other allocations are based on project data. The IESO has included only kWh energy savings from a street lighting project in the 2014 CDM results, as streetlights are only on at night and have no impact on peak demand. The street lighting rate class is billed by kW, so the kWh savings from the project do not impact lost revenue. Thus, the kWh attributed by the IESO to the project have been manually removed from the Retrofit program results and the actual kW reductions made to the street lighting customer's bills have been input into the street lighting kW for lost revenue calculations. The calculations can be found in Street lighting tab.

14 Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified	12	30	128,764		
Adjustments to 2015 results (if any)	True-up	12				
Low Income Program						
15 Low Income Initiative	Verified	12	27	249,268	20%	20%
Adjustments to 2015 results (if any)	True-up	12				
Pilots						
16 Loblaws Pilot	Verified	12				
17 Social Benchmarking Pilot	Verified	12				
18 Conservation Fund Pilot - SEG	Verified	12				
19 Conservation Fund Pilot - EnerNOC	Verified	12				
Adjustments to 2015 results (if any)	True-up	12				
2015-2020 Conservation First Framework Programs						
Residential Province-Wide Programs						
21 Save on Energy Coupon Program	Verified	12	38	588,675	20%	20%
22 Save on Energy Heating and Cooling Program	Verified	12	62	121,369	20%	20%
23 Save on Energy New Construction Program	Verified	12			20%	20%
24 Save on Energy Home Assistance Program	Verified	12			20%	20%
Adjustments to 2015 results (if any)	True-up	12				
Non-Residential Province-Wide Programs						
25 Save on Energy Audit Funding Program	Verified	12				
26 Save on Energy Retrofit Program	Verified	12	29	274,160	3%	17%
27 Save on Energy Small Business Lighting Program	Verified	12				20%
28 Save on Energy High Performance New Construction Program	Verified	12				
29 Save on Energy Existing Building Commissioning Program	Verified	3				
30 Save on Energy Process & Systems Upgrades Program	Verified	12				
31 Save on Energy Monitoring & Targeting Program	Verified	12				
32 Save on Energy Energy Manager Program	Verified	12				
Adjustments to 2015 results (if any)	True-up	12				
Local & Regional Programs						
33 Business Refrigeration Local Program	Verified	12				
34 First Nation Conservation Local Program	Verified	12				
35 Social Benchmarking Local Program	Verified	12				
Adjustments to 2015 results (if any)	True-up	12				
Pilot Programs						
36 Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified	12				
37 EnWin Utilities Ltd. - Building Optimization Pilot	Verified	12				
38 EnWin Utilities Ltd. - Re-Invest Pilot	Verified	12				
39 Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified	12				
40 Horizon Utilities Corporation - Social Benchmarking Pilot	Verified	12				
41 Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified	12				
42 Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified	12				
43 Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified	12				

44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified	12																		
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified	12																		
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified	12																		
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified	12																		
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified	12																		
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified	12																		
	Adjustments to 2015 results (if any)	True-up	12																		
	Total kWh																				
	Total GS > 50 kW																				
	Total GS > 50 kW (excludes Building Commissioning)																				
	Distribution Rate in 2015																				
	Lost Revenue in 2015 from 2011 programs																				
	Lost Revenue in 2015 from 2012 programs																				
	Lost Revenue in 2015 from 2013 programs																				
	Lost Revenue in 2015 from 2014 programs																				
	Lost Revenue in 2015 from 2015 programs																				
	Total Lost Revenue in 2015																				

Notes Some allocations are adjusted based on load share for the rate zone found in tab "3a. Load shares" and where available, other allocations are based on project data.

The IESO has included only kWh energy savings from a street lighting project in the 2014 CDM results, as streetlights are only on at night and have no impact on peak demand. The street lighting rate class is billed by kW, so the kWh savings from the Retrofit project do not impact lost revenue. Thus, the kWh attributed by the IESO to the project have been manually removed from the Retrofit program results and the actual kW reductions made to the street lighting customer's bills have been input into the total street lighting kW for lost revenue calculations. The calculations can be found in Street lighting tab.

LDC Custom Programs								
Pre-2011 Programs completed in 2011 Total								
	19	19	19	19	112,410	112,410	112,410	112,410
Totals	122	122	118	115	440,936	440,936	426,305	400,711

Table 17. Persistence by Program from the IESO for 2012 Programs

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement	18	18	17	9		119,701	119,701	118,983	71,957	
Appliance Exchange	4	4	4			7,322	7,322	7,308		
HVAC Incentives	182	182	182	182		303,127	303,127	303,127	303,127	
Conservation Instant Coupon										
Booklet	2	2	2	2		10,104	10,104	10,104	9,952	
Bi-Annual Retailer Event	11	11	11	10		193,530	193,530	193,530	173,971	
Retailer Co-Op										
Residential Demand Response (switch/pstat)										
Residential Demand Response (IHD)										
Residential New Construction										
Consumer Program Total	216	216	215	203		633,784	633,784	633,052	559,007	
Business Program										
Retrofit	704	676	675	675		4,125,352	4,032,561	4,031,548	4,031,548	
Direct Install Lighting	201	196	120	120		782,496	761,672	440,238	439,910	
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand Response (switch/pstat)										
Small Commercial Demand Response (IHD)										
Demand Response 3										
Business Program Total	905	872	796	796		4,907,847	4,794,233	4,471,786	4,471,458	
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager	141	141	141	141						
Retrofit										
Demand Response 3										
Industrial Program Total	141	141	141	141						
Home Assistance Program										
Home Assistance Program	17	17	17	17		217,283	217,283	217,283	211,337	
Home Assistance Program Total	17	17	17	17		217,283	217,283	217,283	211,337	
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction	1	1	1	1		791	791	791	791	
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011 Total	1	1	1	1		791	791	791	791	
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals	1,280	1,247	1,170	1,157		5,759,705	5,646,090	5,322,913	5,242,593	

LDC Custom Programs										
Pre-2011 Programs completed in 2011										
	-26	-26	-27	-27	-27	-3,240	-3,240	-5,168	-5,168	-6,781
Totals	-26	-26	-27	-27	-27	-3,240	-3,240	-5,168	-5,168	-6,781

Table 21. Persistence by Program from the IESO for 2012 Program Adjustments

Initiative	Incremental Peak Demand Savings (kW)					Incremental Energy Savings (kWh)				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Consumer Program										
Appliance Retirement										
Appliance Exchange										
HVAC Incentives	4	4	4	4		7,786	7,786	7,786	7,786	
Conservation Instant Coupon										
Booklet										
Bi-Annual Retailer Event										
Retailer Co-Op										
Residential Demand Response (switch/pstat)										
Residential Demand Response (IHD)										
Residential New Construction										
Consumer Program Total	4	4	4	4		7,786	7,786	7,786	7,786	
Business Program										
Retrofit	27	27	27	27		260,823	260,823	260,823	260,823	
Direct Install Lighting	3	3	3	3		10,883	10,883	10,883	10,883	
Building Commissioning										
New Construction										
Energy Audit										
Small Commercial Demand Response (switch/pstat)										
Small Commercial Demand Response (IHD)										
Demand Response 3										
Business Program Total	30	30	30	30		271,706	271,706	271,706	271,706	
Industrial Program										
Process & System Upgrades										
Monitoring & Targeting										
Energy Manager	18	1	1	1		107,730	19,620	19,620	19,620	
Retrofit										
Demand Response 3										
Industrial Program Total	18	1	1	1		107,730	19,620	19,620	19,620	
Home Assistance Program										
Home Assistance Program	1	1	1	1		12,342	12,111	12,012	11,001	
Home Assistance Program Total	1	1	1	1		12,342	12,111	12,012	11,001	
Pre-2011 Programs completed in 2011										
Electricity Retrofit Incentive Program										
High Performance New Construction										
Toronto Comprehensive Multifamily Energy Efficiency Rebates										
LDC Custom Programs										
Pre-2011 Programs completed in 2011 Total										
Other										
Program Enabled Savings										
Time-of-Use Savings										
Other Total										
Totals	54	37	37	37		399,564	311,223	311,124	310,113	

Retailer Co-Op				
Residential Demand Response (switch/pstat)				
Residential Demand Response (IHD)				
Residential New Construction				
Consumer Program Total	279	275	1,410,881	1,342,785
Business Program				
Retrofit	821	821	4,961,458	4,961,458
Direct Install Lighting	106	96	382,815	382,815
Building Commissioning				
New Construction				
Energy Audit				
Small Commercial Demand Response (switch/pstat)				
Small Commercial Demand Response (IHD)				
Demand Response 3				
Business Program Total	928	918	5,344,273	5,307,402
Industrial Program				
Process & System Upgrades	333	333	3,316,500	3,316,500
Monitoring & Targeting				
Energy Manager	23	23	314,228	314,228
Retrofit				
Demand Response 3				
Industrial Program Total	356	356	3,630,728	3,630,728
Home Assistance Program				
Home Assistance Program	18	17	171,801	157,852
Home Assistance Program Total	18	17	171,801	157,852
Pre-2011 Programs completed in 2011				
Electricity Retrofit Incentive Program				
High Performance New Construction				
Toronto Comprehensive Multifamily Energy Efficiency Rebates				
LDC Custom Programs				
Pre-2011 Programs completed in 2011 Total				
Other				
Program Enabled Savings				
Time-of-Use Savings				
Other Total				
Totals	1,580	1,565	10,557,684	10,438,768

Retailer Co-Op				
Residential Demand Response (switch/pstat)				
Residential Demand Response (IHD)				
Residential New Construction				
Consumer Program Total				
Business Program				
Retrofit				
Direct Install Lighting				
Building Commissioning				
New Construction				
Energy Audit				
Small Commercial Demand Response (switch/pstat)				
Small Commercial Demand Response (IHD)				
Demand Response 3				
Business Program Total				
Industrial Program				
Process & System Upgrades				
Monitoring & Targeting				
Energy Manager				
Retrofit				
Demand Response 3				
Industrial Program Total				
Home Assistance Program				
Home Assistance Program				
Home Assistance Program Total				
Pre-2011 Programs completed in 2011				
Electricity Retrofit Incentive Program				
High Performance New Construction				
Toronto Comprehensive Multifamily Energy Efficiency Rebates				
LDC Custom Programs				
Pre-2011 Programs completed in 2011 Total				
Other				
Program Enabled Savings				
Time-of-Use Savings				
Other Total				
Totals				

Josh Shook: Persisting net savings from Parkhill streetlight upgrade excluded.

Josh Shook: Persisting net savings from Parkhill streetlight upgrade excluded.

Lighting Commissioning

Table 24. Persistence by Rate Class

Program year	Residential	GS < 50 kW	GS 50 to 4,999 kW	Large Use	Unmetered Scattered Load	Sentinel Lighting	Street Lighting	MicroFIT Generator	"--Unused - hide	"--Unused - hide	"--Unused - hide
	kWh	kWh	kWh	kWh	kWh	kWh	kWh	NA	kWh	kWh	kWh
2011											
in 2012	201,984	128,563	218	79							
in 2013	201,984	128,563	218	79							
in 2014	201,491	114,146	218	79							
in 2015	175,897	114,146	218	79							
2012											
in 2013	167,993	242,169	1,782								
in 2014	167,949	236,460	1,687								
in 2015	167,789	189,837	1,686								
2013											
in 2014	288,155	252,911	745	810							
in 2015	285,669	247,832	729	792							
2014											
in 2015	316,944	122,763	1,341				252				

Note: Persistence of 2014 street lighting results were calculated directly in Table 26 in tab 8. Street lighting

Josh Shook: kW reduction for street lighting calculated directly from billing data.

2019 Q2	
2019 Q3	
2019 Q4	
2020 Q1	
2020 Q2	
2020 Q3	
2020 Q4	

[Check OEB website](#)

Apr-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-13	2011-2013	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-13	2011-2013	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-13	2011-2013	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for fiscal year 2013				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared											
Opening Balance for fiscal year 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Mar-14	2011-2014	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apr-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-14	2011-2014	Q2	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jul-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Aug-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sep-14	2011-2014	Q3	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Oct-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Nov-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Dec-14	2011-2014	Q4	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total for fiscal year 2014				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amount Cleared											
Opening Balance for fiscal year 2015				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jan-15	2011-2015	Q1	0.12%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Feb-15	2011-2015	Q1	0.12%	\$1.90	\$0.51	\$0.93	\$0.00	\$0.00	\$0.00	\$0.02	\$3.36
Mar-15	2011-2015	Q1	0.12%	\$3.81	\$1.02	\$1.85	\$0.01	\$0.00	\$0.00	\$0.03	\$6.72
Apr-15	2011-2015	Q2	0.09%	\$4.27	\$1.14	\$2.08	\$0.01	\$0.00	\$0.00	\$0.03	\$7.54
May-15	2011-2015	Q2	0.09%	\$5.70	\$1.53	\$2.77	\$0.01	\$0.00	\$0.00	\$0.05	\$10.05
Jun-15	2011-2015	Q2	0.09%	\$7.12	\$1.91	\$3.47	\$0.02	\$0.00	\$0.00	\$0.06	\$12.57
Jul-15	2011-2015	Q3	0.09%	\$8.54	\$2.29	\$4.16	\$0.02	\$0.00	\$0.00	\$0.07	\$15.08
Aug-15	2011-2015	Q3	0.09%	\$9.97	\$2.67	\$4.85	\$0.02	\$0.00	\$0.00	\$0.08	\$17.60
Sep-15	2011-2015	Q3	0.09%	\$11.39	\$3.05	\$5.55	\$0.03	\$0.00	\$0.00	\$0.09	\$20.11
Oct-15	2011-2015	Q4	0.09%	\$12.82	\$3.43	\$6.24	\$0.03	\$0.00	\$0.00	\$0.10	\$22.62
Nov-15	2011-2015	Q4	0.09%	\$14.24	\$3.82	\$6.93	\$0.03	\$0.00	\$0.00	\$0.11	\$25.14
Dec-15	2011-2015	Q4	0.09%	\$15.66	\$4.20	\$7.63	\$0.04	\$0.00	\$0.00	\$0.13	\$27.65
Total for fiscal year 2015				\$95.43	\$25.57	\$46.45	\$0.23	\$0.00	\$0.00	\$0.76	\$168.44
Amount Cleared											
Opening Balance for fiscal year 2016				\$95.43	\$25.57	\$46.45	\$0.23	\$0.00	\$0.00	\$0.76	\$168.44
Jan-16	2011-2016	Q1	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Feb-16	2011-2016	Q1	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Mar-16	2011-2016	Q1	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Apr-16	2011-2016	Q2	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
May-16	2011-2016	Q2	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Jun-16	2011-2016	Q2	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Jul-16	2011-2016	Q3	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Aug-16	2011-2016	Q3	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Sep-16	2011-2016	Q3	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Oct-16	2011-2016	Q4	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Nov-16	2011-2016	Q4	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Dec-16	2011-2016	Q4	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Total for fiscal year 2016				\$300.50	\$80.51	\$146.27	\$0.73	\$0.00	\$0.00	\$2.40	\$530.41
Amount Cleared											
Opening Balance for fiscal year 2017				\$300.50	\$80.51	\$146.27	\$0.73	\$0.00	\$0.00	\$2.40	\$530.41
Jan-17	2011-2017	Q1	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Feb-17	2011-2017	Q1	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Mar-17	2011-2017	Q1	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Apr-17	2011-2017	Q2	0.09%	\$17.09	\$4.58	\$8.32	\$0.04	\$0.00	\$0.00	\$0.14	\$30.16
Total for fiscal year 2017				\$368.85	\$98.83	\$179.54	\$0.90	\$0.00	\$0.00	\$2.95	\$651.07
Amount Cleared											
Opening Balance for fiscal year 2018				\$368.85	\$98.83	\$179.54	\$0.90	\$0.00	\$0.00	\$2.95	\$651.07

Tables 25. Energy savings attributed to street lighting project in IESO results

Year	Gross	NTG	Net	Comments
2011				
2012			-	
2013		0.75	-	
2014	26,806	0.73	19,568	Parkhill project
2015	1,070,760	0.67	716,118	Strathroy and Mount Brydges project

Note: 2014 Net savings were estimated based on the information available at the time.

Parkhill project

Actual lost revenue based on kW billing				
Month	Billed kW	Gross kW reduction	NTG	Net kW reduction
Nov-14	51.6			-
Dec-14	22.49	29.11	0.72	20.96
2014 total		29.11		20.96
Jan-15	22.49	29.11	0.72	20.96
Feb-15	22.49	29.11	0.72	20.96
Mar-15	22.49	29.11	0.72	20.96
Apr-15	22.49	29.11	0.72	20.96
May-15	22.49	29.11	0.72	20.96
Jun-15	22.49	29.11	0.72	20.96
Jul-15	22.49	29.11	0.72	20.96
Aug-15	22.49	29.11	0.72	20.96
Sep-15	22.49	29.11	0.72	20.96
Oct-15	22.49	29.11	0.72	20.96
Nov-15	22.49	29.11	0.72	20.96
Dec-15	22.49	29.11	0.72	20.96
2015 total				251.51
Jan-16	22.49	29.11	0.72	20.96
Feb-16	22.49	29.11	0.72	20.96
Mar-16	22.49	29.11	0.72	20.96
Apr-16	22.49	29.11	0.72	20.96
May-16	22.49	29.11	0.72	20.96
Jun-16	22.49	29.11	0.72	20.96
Jul-16	22.49	29.11	0.72	20.96
Aug-16	22.49	29.11	0.72	20.96
Sep-16	22.49	29.11	0.72	20.96
Oct-16	22.49	29.11	0.72	20.96
Nov-16	22.49	29.11	0.72	20.96
Dec-16	22.49	29.11	0.72	20.96
2016 total				251.51

Strathroy and Mount Brydges project

Actual lost revenue based on kW billing				
Month	Billed kW	Gross kW reduction	NTG	Net kW reduction
Nov-14				-
Dec-14				-
2014 total				
Jan-15				-
Feb-15				-
Mar-15				-
Apr-15				-
May-15				-
Jun-15				-
Jul-15				-
Aug-15				-
Sep-15				-
Oct-15				-
Nov-15				-
Dec-15	308		0.66	-
2015 total				
Jan-16	109	199.00	0.66	130.45
Feb-16	109	199.00	0.66	130.45
Mar-16	109	199.00	0.66	130.45
Apr-16	109	199.00	0.66	130.45
May-16	109	199.00	0.66	130.45
Jun-16	109	199.00	0.66	130.45
Jul-16	109	199.00	0.66	130.45
Aug-16	109	199.00	0.66	130.45
Sep-16	109	199.00	0.66	130.45
Oct-16	109	199.00	0.66	130.45
Nov-16	109	199.00	0.66	130.45
Dec-16	109	199.00	0.66	130.45
2016 total				1,565.39

Persistence data provided by the IESO

Unique Identifier (System Generated)	LDC (if applicable)	Project Completion Date (mm/dd/yyyy)	Implementation Year	Portfolio	Program	Initiative	Sector	Track	Measure	Resource Type (DR, EE)	Tx (Transmission) or Dx (Distribution)	Activity Unit Name	City
124338	Entegrus Power	12/23/2014	2014	non-LDC	Business	Retrofit	Commercial	Custom	Lighting	EE	Dx	measure	Parkhill



Postal Code	Effective EUL	Step Down EUL 1	Step Down 1 (%)	Gross Reported Incremental Summer Peak	Gross Reported Incremental Energy	Gross Verified Incremental Summer Peak Demand	Gross Verified Incremental Energy Savings (kWh)	Gross Verified Lifetime Energy Savings (kWh)	Net Verified Lifetime Energy Savings (kWh)	Net Verified Lifetime Energy Savings to	Net Verified Summer Demand Savings at	Realization Rate (Energy)	Total NTG Ratio (Energy)
NOM2K0	11	8.2	57%	-	26,806	-	34,892	333,516	241,636	25,279	-	130%	72%

Per Unit Incremental Equipment Cost	Total Incremental Equipment Cost	Net energy savings per year (kWh)												
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
\$26,252	\$26,252	25,279	25,279	25,279	25,279	25,279	25,279	25,279	25,279	25,279	16,757	14,412	8,231	-

Entegrus (MPDC) 2015 LRAMVA



Entegrus (MPDC) lost revenue related to Conservation and Demand Management

2015



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IndEco report B3856 (MPDC 2015)

22 September 2016

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Introduction

The Lost Revenue Adjustment Mechanism (LRAM) was developed to remove a disincentive electricity local distribution companies (LDCs) may have to promote conservation and demand management (CDM) programs. CDM programs are designed to provide energy savings and peak demand reductions for the customers of LDCs, which directly impact the LDC's revenue. The LRAM allows LDCs to be compensated for lost revenue that resulted from CDM programs the LDC offered to its customers.

Starting in 2011, the Ontario Energy Board (OEB) authorized LDCs to establish an LRAM variance account (LRAMVA) to capture the impact of CDM programs on the revenue of LDCs. The variance in the LRAMVA is between the lost revenue due to independently verified load impacts of CDM and the lost revenue from any CDM impacts an LDC included in the LDC's load forecast.¹

Entegrus Powerlines is an amalgamation of Middlesex Power Distribution Corporation (MPDC) with Chatham-Kent Hydro that came into effect in 2012. For 2015 Entegrus (MPDC) and Entegrus (CKHI) will be dealt with separately for LRAMVA purposes, as they each have different rates and rate classes in 2015.

Entegrus Powerlines Inc. (Entegrus) contracted with the Ontario Power Authority (OPA, which has now been merged into the Independent Electricity System Operator – IESO) to offer a suite of CDM programs to customers in a variety of rate classes for the 2011-2014 period and subsequently with the IESO for the 2015-2020 period. Entegrus is required to use “the most recent and appropriate final CDM evaluation report from the IESO in support of its lost revenue calculation.”² The final 2015 annual verified results report is the most recent final CDM evaluation report available from the IESO. Thus, Entegrus may claim lost revenue from CDM programs up to and including 2015 in Entegrus's 2017 rate case (EB-2016-0063).

Entegrus has disposed of lost revenues from 2011–2014 CDM programs in previous rate cases. This report determines the variance account balance for the following revenue losses:

- Lost revenues in 2015 related to programs offered in 2011,
- Lost revenues in 2015 related to programs offered in 2012,
- Lost revenues in 2015 related to programs offered in 2013,
- Lost revenues in 2015 related to programs offered in 2014, and
- Lost revenues in 2015 related to programs offered in 2015.

¹ *Guidelines for Electricity Distributor Conservation and Demand Management*. Ontario Energy Board. April 26, 2012 (EB-2012-0003).

² *Filing Requirements For Electricity Distribution Rate Applications - 2016 Edition for 2017 Rate Applications - Chapter 2 - Cost of Service*, Ontario Energy Board. July 14, 2016.

The carrying charges on the above variances through April 2017 are also reported.

Methodology

In principle, the determination of lost revenues is a simple calculation:

$$\text{LR} = (\text{CDM results} - \text{CDM results in the load forecast}) * \text{rate}$$

In practice, it is somewhat more complicated than that because of the limitations of the information available to calculate CDM results, the different time periods of results data and the rate year, and the need to determine carrying charges on the lost revenues.

The most recent input assumptions currently available have been used to calculate the lost revenue values.

CDM results

From 2011 through 2015, Entegrus offered provincial programs in partnership with the Independent Electricity System Operator (IESO). Entegrus did not offer custom programs beyond the IESO programs.

IESO evaluation results

The IESO performs evaluations of all of its programs, which examine gross energy savings from the programs, and the net-to-gross ratio (NTGR), and then from those calculates net energy savings by initiative within program group (residential, business, industrial and low-income). Peak load reductions are also calculated, and reported in the same way.

Provincial results are allocated to individual LDCs based on each LDC's individual performance where possible, or through an allocation process.

The IESO reports energy savings and peak demand reductions, by initiative in the current year, adjustments to the previous year, based on updated validation, and contribution to total savings or reductions to the end of the 2011 to 2014 period and the 2015 to 2020 period. The savings and demand reductions for a particular year for a number of programs persist in the following years. The savings and demand reductions for demand response programs do not persist beyond the year in which those particular savings and demand reductions occur. The IESO was requested to provide the persistence into future years of savings and reductions for each program in each year.

These are the best, most definitive and defensible estimates of results associated with these programs, and incorporate the most appropriate estimates of results from the measures installed.

However, these data have some limitations, and require some adjustments for use in lost revenue calculations.

Allocating results to rate classes

The IESO reports results by 'program', within four main programs: residential, business (commercial and institutional), industrial and low-income. These only partially map onto rate classes. For initiatives that apply to more than one rate class, Entegrus staff estimated the split by rate class, drawing on participant-specific information where available.

Application of reported results

As previously mentioned, the IESO reports both energy savings and reductions in demand. Depending on the rate class, distribution revenue is based on either kilowatt-hours used, or the customer's monthly peak kilowatt use. For rate classes where the customer is charged for distribution by energy use (kWh), the IESO reported energy savings are used to calculate lost revenues related to CDM results. For customer classes where the LDC charges for distribution based on the customer's peak monthly demand (kW), the IESO reported demand reductions are used to calculate lost revenues related to CDM results. The demand reductions in the IESO reports should be multiplied by a multiplier based on the number of months a specific program impacts a customer's peak demand. "The IESO indicated that the demand savings from energy efficiency programs shown in the Final CDM Results should generally be multiplied by twelve (12) months to represent the demand savings the distributor has experienced over the entire year... In the case of the Building Commissioning initiative, the demand savings provided in the Final CDM Results should only be multiplied by three (3) as these savings are related to space cooling and do not occur throughout the full year, but only during the summer months, typically."³

The OEB has decided that lost revenue cannot be claimed from the kW values reported by the IESO for the Demand Response 3 (DR3) program. "The monthly peak demand of a demand-billed customer used for billing purposes may not correspond with the demand response event; even if it did, the lost revenues would only be related to a difference between the customer's peak demand absent the demand response event and the next highest peak demand for the customer in that month... Since the IESO's evaluations cannot confirm the nature of the demand savings relative to the billing period for demand-billed customers, it is not appropriate that distributors be credited with lost revenues from demand response programs, except for those situations where the distributor can explicitly demonstrate revenue impacts."⁴

³ Ontario Energy Board, *Updated Policy for the Lost Revenue Adjustment Mechanism Calculation: Lost Revenues and Peak Demand Savings from Conservation and Demand Management Programs*, EB-2016-0182, May 19, 2016, p. 4.

⁴ *Ibid.* p. 7.

Load reductions accounted for in the load forecast

In recent years, LDCs have tried to account for load losses due to CDM programs in their load forecasts, submitted as part of their Cost of Service applications. These forecasted reductions need to be deducted from load losses attributable to CDM programs, to determine the final impact of CDM on revenues. That is, the impact is the *variance* between the results accounted for in the load forecast and the results attributable to the programs.

Overall impact of CDM on load, by rate class

The overall impact of CDM energy savings and demand reductions on load is calculated from the IESO energy savings and peak demand reductions, allocated by rate class. Finally the difference is calculated between the overall estimated impact on loads and the load reductions attributable to CDM that were captured in the most recent load forecast.

Distribution rates

Revenue impacts to the LDC associated with CDM are calculated using the distribution volumetric rate. Most other rate components (e.g. service charges, global adjustment, transmission charges) are either fixed charges or pass-throughs for the utility that do not affect the LDC's revenues. An exception is for certain rate riders related to taxes, and these are added to the distribution volumetric rates for lost revenue calculations, where applicable.

For most electricity distribution utilities in Ontario, including Entegrus, distribution rates are set for the period from 1 May to 30 April of the next year. CDM results are reported for the calendar year, so average rates for the calendar year need to be calculated. For simplicity, the average rate is estimated based on the rate being four twelfths of the previous year's rate (for January through April), and eight twelfths of the current year's rate (for May through December).

Lost revenues variance

Lost revenues in a particular rate class are the product of the savings or demand reductions in that class, less what was accounted for in the load forecast, multiplied by the average rate for that class in the calendar year for which the energy savings or demand reductions were reported.⁵ The variance is the difference between these lost revenues and the quantity of CDM in the load forecast, or what is called 'the LRAMVA threshold'.

Because these revenues are lost throughout the year, and are only recovered through rate riders in subsequent years, the Ontario Energy

⁵ Where distribution rates are monthly rates for the peak kW in that month, the annual loss of revenue is the monthly rate times the number of months it applies to – usually twelve.

Board has permitted the LDCs to claim carrying charges on these lost revenues at a rate prescribed by the OEB, and published on the Board's website. The carrying charges are simple interest, not compounded and are calculated on the monthly lost revenue balance. Because the IESO final results estimates are reported annually, and monthly estimates are not available, the incremental results are assumed to be equally distributed across the months. So 1/12 of the annual results are allocated to each month of the year.

Carrying charges accrue from the time of the results, until disposition.

The LDC reports these lost revenues on its financial statements in Account 1568, and the associated rate class-specific sub-accounts.

Results

Following the methodology described above, lost revenues were calculated for Entegrus (MPDC).

CDM results

IESO evaluation results

The most recent and appropriate final CDM evaluation reports from the IESO were used in support of the lost revenue calculations. A working Microsoft Excel file copy of each IESO evaluation report has been filed separately by Entegrus. The net verified final 2011-2014 results can be found in Table 1 of the *Verified 2011-2014 Final Results Report for Entegrus Powerlines Inc.* file released by the IESO on September 1, 2015. The net adjustments to verified final 2011, 2012, and 2013 results can be found in Table 2 of the *Verified 2011-2014 Final Results Report for Entegrus Powerlines Inc.* file released by the IESO on September 1, 2015. The net verified final 2015 results can be found in the “Net Incremental First Year Energy Savings” and “Net Incremental First Year Peak Demand Savings” sections of the “LDC Progress” tab in the *Final 2015 Annual Verified Results Report for Entegrus Powerlines Inc.* file released by the IESO on June 30, 2016.

The IESO provided Entegrus with persistence data for 2011-2014 results and 2011-2013 adjustments at the initiative level. The data provided are presented in new Tables 16 to 22 on Tab 6 of the OEB LRAMVA work form that is filed with this document.

Table 16 of the OEB LRAMVA work form shows the estimated persistence of 2011 results into future years. Table 17 of the OEB LRAMVA work form shows the persistence of 2012 results into future years. Table 18 of the OEB LRAMVA work form shows the persistence of 2013 results into future years. Table 19 of the OEB LRAMVA work form shows the persistence of 2014 results through 2015. Table 20 of the OEB LRAMVA work form shows the persistence of 2011 adjustments into future years. Table 21 of the OEB LRAMVA work form shows the persistence of 2012 adjustments into future years. Table 22 of the OEB LRAMVA work form shows the estimated persistence of 2013 adjustments into future years. No adjustments were provided for 2014 final results.

The IESO provided 2011 results for Chatham-Kent Hydro and Middlesex Power Distribution Corporation separately, but provided 2012, 2013, 2014 and 2015 results and 2011, 2012, and 2013 adjustments for Entegrus as a whole. As the subsets of Entegrus’ service territory that were previously Chatham-Kent Hydro and Middlesex Power Distribution Corporation have different rate classes and rates, they have been handled as separate rate zones for lost revenue purposes. The percentages of load in each rate class for each year were used to allocate the results and adjustments between the previous

service territories of Chatham-Kent Hydro and Middlesex Power Distribution Corporation. The percentage allocation of load (in kW or kWh, depending on the billing units of each rate class) by rate class for the previous service territories of Chatham-Kent Hydro and Middlesex Power Distribution Corporation is shown in Table 6a of the OEB LRAMVA work form. Where rate classes match, the totals do not always add up to 100%, as Entegrus' service territory also includes two very small additional amalgamated previous service territories of Dutton and Newbury. The populations in both Dutton and Newbury are so small that it was assumed that they did not significantly contribute to CDM results.

Street lighting projects

In 2014 and 2015, Entegrus' municipal customers undertook two projects under the Retrofit Program to retrofit streetlights to a more energy efficient light emitting diode (LED) technology.

The IESO has included the calculated kilowatt hours (kWh) of energy savings from the Parkhill street lighting project in Entegrus's 2014 results and from the Strathroy and Mount Brydges street lighting project in Entegrus's 2015 results. These values are included in the table below:

Year	Locations	Gross savings (kWh)	Net to gross ratio	Net savings (kWh)
2014	Parkhill	26,806	0.73	19,568
2015	Strathroy and Mount Brydges	1,070,760	0.67	716,118

The street lighting account is billed based on kilowatts (kW) of demand. A 29.11 kW reduction was applied to the Municipality of North Middlesex's street lighting account for the Parkhill project starting in December 2014. The calculated net demand reduction for January to December 2015 is shown in the table below:

Month	Gross demand reduction (kW)	Net to gross ratio	Net demand reduction (kW)
Jan-15	29.11	0.72	20.96
Feb-15	29.11	0.72	20.96
Mar-15	29.11	0.72	20.96
Apr-15	29.11	0.72	20.96
May-15	29.11	0.72	20.96
Jun-15	29.11	0.72	20.96

Month	Gross demand reduction (kW)	Net to gross ratio	Net demand reduction (kW)
Jul-15	29.11	0.72	20.96
Aug-15	29.11	0.72	20.96
Sep-15	29.11	0.72	20.96
Oct-15	29.11	0.72	20.96
Nov-15	29.11	0.72	20.96
Dec-15	29.11	0.72	20.96
2015 Total			251.51

kW reductions were not applied to municipal billing until January 2016 for the Strathroy and Mount Brydges street lighting project, so there was no net demand reduction for 2015 from that project.

As the street lighting rate class is billed by kW, the calculated kWh savings from the Retrofit projects do not impact Entegrus (MPDC)'s revenue. Thus, the calculated kWh of savings from the Parkhill project have been manually removed from the 2014 Retrofit program results persisting into 2015 and the calculated kWh of savings from the Strathroy and Mount Brydges project have been manually removed from the 2015 Retrofit program results for lost revenue calculations. The actual 2015 lost revenue from the Parkhill street lighting retrofit project has been calculated directly by multiplying the demand reduction from the project by the appropriate rate.

Allocating results to rate classes

Entegrus provided information on the allocation of results to rate classes. In most cases, the allocation is straightforward. Initiatives that can span multiple rate classes include Retrofit, Building Commissioning, New Construction, Energy Audit, Demand Response 3, Process & Systems Upgrades, Monitoring & Targeting, Energy Manager, Electricity Retrofit Incentive Program and High Performance New Construction. No allocation was provided for programs for which Entegrus has no program results.

Entegrus bills customers in different rate classes using different volumetric units, either kilowatt hours (kWh), or customer peak monthly kilowatts (kW). The rate classes (and billing units) for Entegrus (MPDC) are:

- Residential (kW)

- GS <50 kW(kWh)
- GS 50 to 4,999 kW (kW)
- Large Use (kW)
- Unmetered Scattered Load (kWh)
- Sentinel Lighting (kW)
- Street Lighting (kW)

Table 7 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2011 results and adjustments. Table 8 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2012 results and adjustments. Table 9 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2013 results and adjustments. Table 10 of the OEB LRAMVA work form shows the percentage allocation by rate class for 2014 results. Table 11-a of the OEB LRAMVA work form shows the percentage allocation by rate class for 2015 results. In each year the rate class allocation percentage totals for each program may not add up to 100%, as some allocations are adjusted based on load share for the rate zone found in Table 6a of the OEB LRAMVA work form. Where available, other allocations are based on project data.

Load reductions accounted for in the load forecast

Entegrus (MPDC)'s last cost of service application was filed in 2006. The load forecast associated with that application did not account for load losses from 2011 – 2015 CDM programs.

Overall impact of CDM on load, by rate class

Multiplying the adjusted energy savings or demand reduction reported for Entegrus (MPDC) for each program by the allocation by rate class provides the impact on load of that CDM program within the appropriate rate class. The sum of the energy savings and demand reductions for all of the programs for each rate class provides the overall impact of CDM on load by rate class. The overall load impact for each calendar year includes the results for the CDM programs and any adjustments to the results in that year.

The bottom of Table 7 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2011. The bottom of Table 8 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2012. The bottom of Table 9 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2013. The bottom of Table 10 of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2014. The bottom of Table 11-a of the OEB LRAMVA work form shows the overall impact of CDM on load by rate class for 2015.

Distribution rates

The distribution rates that are used to calculate the CDM impact on distributor revenue for each rate class for Entegrus (MPDC) are shown in Table 5 of the OEB LRAMVA work form. The distribution rates are pro-rated from the rate year to the calendar year, as needed, using the number of months of each rate year in each calendar year in the 2011 to 2015 time period. Table 6 of the OEB LRAMVA work form shows the pro-rated rates used for each calendar year.

Lost revenues

The lost revenues for each year by rate class for Entegrus (MPDC) calculated from final CDM program results are shown in Table 1 of the OEB LRAMVA work form. The lost revenue for each year is based on the load impact for each rate class in that year multiplied by the rate for that rate class in that year. The load impact in 2015 includes the impact of CDM programs in that year and the persistence of the CDM program impact from previous years in that year.

The lost revenue for 2015 is based on final verified results provided by the IESO.

Carrying charges

The monthly carrying charges by rate class on Entegrus (MPDC)'s lost revenue variance are shown in Table 15 of the OEB LRAMVA work form. The carrying charges are reported monthly, from the time the lost revenues resulted, through to April 30, 2017.

Conclusions

The LRAMVA balance at the end of December 2015 for Entegrus (MPDC) that includes results from 2011 – 2015 CDM programs and adjustments to 2011 to 2013 results in 2015 is \$36,906.61. The total carrying charges on this LRAMVA balance accumulated to April 30, 2017 are \$651.07. These balances are attributable to individual rate classes according to the following table:

Rate class	LRAMVA	Carrying charges	Total
Residential	\$18,642.61	\$368.85	\$19,011.46
GS < 50 kW	\$4,994.99	\$98.83	\$5,093.81
GS 50 to 4,999 kW	\$9,074.46	\$179.54	\$9,254.00
Large Use	\$45.36	\$0.90	\$46.26
Street Lighting	\$149.20	\$2.95	\$152.15
Total	\$32,906.61	\$651.07	\$33,557.68

NOTE: There are no LRAMVA or carrying charge values associated with rate classes not included in this table.



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ATTACHMENT H

EPI Detailed Bill Impacts

Entegrus Powerlines Inc.
2017 IRM Application, EB-2016-0063
Bill Impact Summary

Line No.	Rate Class	Type	Typical kWh	Typical kW	2016 Final Rates	2017 Proposed Rates	\$ Increase (Decrease)	% Increase (Decrease)
1	CK							
2	Residential	RPP	750	-	\$151.56	\$149.10	-\$2.46	-1.62%
3	General Service < 50 kW	RPP	2,000	-	\$383.08	\$374.31	-\$8.77	-2.29%
4	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$29,439.99	\$28,304.85	-\$1,135.14	-3.86%
5	Large Use (Inc'ing Standby)	Non-RPP	2,763,935	10,200	\$491,489.24	\$473,658.19	-\$17,831.04	-3.63%
6	Unmetered Scattered Load	RPP	150	-	\$33.66	\$33.34	-\$0.33	-0.98%
7	Sentinel Lighting	RPP	150	1	\$35.54	\$34.50	-\$1.04	-2.93%
8	Street Lighting	Non-RPP	150	1	\$30.10	\$27.71	-\$2.39	-7.95%
9	Embedded Distributor	Non-RPP	368,500	14	\$54,131.71	\$53,585.53	-\$546.17	-1.01%
10	SMP							
11	Residential	RPP	750	-	\$151.56	\$149.10	-\$2.46	-1.62%
12	General Service < 50 kW	RPP	2,000	-	\$383.08	\$374.31	-\$8.77	-2.29%
13	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$29,439.99	\$28,304.85	-\$1,135.14	-3.86%
14	Large Use	Non-RPP	2,631,117	5,500	\$432,658.46	\$424,936.98	-\$7,721.47	-1.78%
15	Unmetered Scattered Load	RPP	150	-	\$33.66	\$33.34	-\$0.33	-0.98%
16	Sentinel Lighting	RPP	150	1	\$35.54	\$34.50	-\$1.04	-2.93%
17	Street Lighting	Non-RPP	150	1	\$30.10	\$27.71	-\$2.39	-7.95%
18	Dutton							
19	Residential	RPP	750	-	\$151.90	\$149.10	-\$2.79	-1.84%
20	General Service < 50 kW	RPP	2,000	-	\$383.98	\$374.31	-\$9.67	-2.52%
21	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$29,439.99	\$28,304.85	-\$1,135.14	-3.86%
22	Sentinel Lighting	RPP	150	1	\$35.76	\$34.50	-\$1.26	-3.53%
23	Street Lighting	Non-RPP	150	1	\$33.45	\$27.71	-\$5.74	-17.15%
24	Newbury							
25	Residential	RPP	750	-	\$157.91	\$149.10	-\$8.81	-5.58%
26	General Service < 50 kW	RPP	2,000	-	\$401.61	\$374.31	-\$27.30	-6.80%
27	General Service > 50 - 4,999 kW	Non-RPP	162,500	500	\$31,489.58	\$28,304.85	-\$3,184.74	-10.11%
28	Sentinel Lighting	RPP	150	1	\$35.54	\$34.50	-\$1.04	-2.93%
29	Street Lighting	Non-RPP	150	1	\$33.92	\$27.71	-\$6.21	-18.30%

2017 IRM Application, EB-2016-0063

Bill Impact Analysis - Residential

Line No.	Consumption	Type	2016 Final Rates by Rate Zone	2017 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)	2016 Final Rates by Rate Zone	2017 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)	2016 Final Rates by Rate Zone	2017 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)	2016 Final Rates by Rate Zone	2017 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)
1	Rate Zone		CK				SMP				Dutton				Newbury			
2	750 kWh (Typical)	RPP	\$151.56	\$149.10	-\$2.46	-1.62%	\$151.56	\$149.10	-\$2.46	-1.62%	\$151.90	\$149.10	-\$2.79	-1.84%	\$157.91	\$149.10	-\$8.81	-5.58%
3	EPI's 10th Percentile	RPP	\$44.97	\$45.99	\$1.02	2.27%	\$44.97	\$45.99	\$1.02	2.27%	\$45.03	\$45.99	\$0.96	2.13%	\$46.11	\$45.99	-\$0.12	-0.26%
4	100 kWh	RPP	\$38.90	\$40.12	\$1.22	3.14%	\$38.90	\$40.12	\$1.22	3.14%	\$38.95	\$40.12	\$1.17	3.02%	\$39.75	\$40.12	\$0.37	0.94%
5	250 kWh	RPP	\$64.90	\$65.27	\$0.37	0.57%	\$64.90	\$65.27	\$0.37	0.57%	\$65.01	\$65.27	\$0.26	0.40%	\$67.02	\$65.27	-\$1.75	-2.61%
6	500 kWh	RPP	\$108.23	\$107.19	-\$1.04	-0.96%	\$108.23	\$107.19	-\$1.04	-0.96%	\$108.46	\$107.19	-\$1.27	-1.17%	\$112.47	\$107.19	-\$5.28	-4.69%
7	800 kWh	RPP	\$160.22	\$157.49	-\$2.74	-1.71%	\$160.22	\$157.49	-\$2.74	-1.71%	\$160.59	\$157.49	-\$3.10	-1.93%	\$167.00	\$157.49	-\$9.52	-5.70%
8	1,000 kWh	RPP	\$194.89	\$191.02	-\$3.87	-1.99%	\$194.89	\$191.02	-\$3.87	-1.99%	\$195.34	\$191.02	-\$4.32	-2.21%	\$203.36	\$191.02	-\$12.34	-6.07%
9	2,000 kWh	RPP	\$368.20	\$358.68	-\$9.52	-2.59%	\$368.20	\$358.68	-\$9.52	-2.59%	\$369.11	\$358.68	-\$10.43	-2.83%	\$385.15	\$358.68	-\$26.47	-6.87%
10	750 kWh (Typical)	Non-RPP	\$154.44	\$148.00	-\$6.44	-4.17%	\$154.44	\$148.00	-\$6.44	-4.17%	\$161.81	\$148.00	-\$13.81	-8.54%	\$163.17	\$148.00	-\$15.17	-9.30%
11	EPI's 10th Percentile	Non-RPP	\$45.49	\$45.79	\$0.31	0.67%	\$45.49	\$45.79	\$0.31	0.67%	\$45.55	\$45.79	\$0.24	0.54%	\$47.06	\$45.79	-\$1.27	-2.69%
12	100 kWh	Non-RPP	\$39.29	\$39.98	\$0.69	1.75%	\$39.29	\$39.98	\$0.69	1.75%	\$39.33	\$39.98	\$0.64	1.64%	\$40.45	\$39.98	-\$0.48	-1.17%
13	250 kWh	Non-RPP	\$65.86	\$64.91	-\$0.96	-1.45%	\$65.86	\$64.91	-\$0.96	-1.45%	\$65.97	\$64.91	-\$1.07	-1.62%	\$68.77	\$64.91	-\$3.87	-5.62%
14	500 kWh	Non-RPP	\$110.15	\$106.45	-\$3.70	-3.36%	\$110.15	\$106.45	-\$3.70	-3.36%	\$110.38	\$106.45	-\$3.92	-3.55%	\$115.97	\$106.45	-\$9.52	-8.21%
15	800 kWh	Non-RPP	\$163.30	\$156.31	-\$6.99	-4.28%	\$163.30	\$156.31	-\$6.99	-4.28%	\$163.66	\$156.31	-\$7.35	-4.49%	\$172.61	\$156.31	-\$16.30	-9.44%
16	1,000 kWh	Non-RPP	\$198.73	\$189.55	-\$9.18	-4.62%	\$198.73	\$189.55	-\$9.18	-4.62%	\$199.18	\$189.55	-\$9.63	-4.84%	\$210.37	\$189.55	-\$20.82	-9.90%
17	2,000 kWh	Non-RPP	\$375.89	\$355.74	-\$20.15	-5.36%	\$375.89	\$355.74	-\$20.15	-5.36%	\$376.79	\$355.74	-\$21.05	-5.59%	\$399.17	\$355.74	-\$43.42	-10.88%

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed				
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change		
1	kWh		750		750		750		750		750		750		750		750		750		750		750		750		
2	kW		0		0		0		0		0		0		0		0		0		0		0		0		
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		
4	kWh - Loss Adjusted		782.325		782.325		782.325		782.325		782.325		782.325		782.325		782.325		782.325		782.325		782.325		782.325		
5	ENERGY																										
6	Energy - Off Peak	\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40		\$0.087	\$42.40
7	Energy - Mid Peak	\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87		\$0.132	\$16.87
8	Energy - On Peak	\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27		\$0.180	\$24.27
9	Subtotal		\$83.54		\$83.54	\$0.00		\$83.54		\$83.54	\$0.00		\$83.54		\$83.54	\$0.00		\$83.54		\$83.54	\$0.00		\$83.54		\$83.54	\$0.00	
10	% Change					0.0%					0.0%					0.0%									0.0%		
11	DISTRBUTION																										
12	Service Charge	\$18.98	\$18.98		\$21.03	\$21.03		\$18.98	\$18.98		\$21.03	\$21.03		\$18.98	\$18.98		\$21.03	\$21.03		\$18.98	\$18.98		\$21.03	\$21.03		\$21.03	\$21.03
13	Stranded Meter	\$0.22	\$0.22		\$0.00	\$0.00		\$0.22	\$0.22		\$0.00	\$0.00		\$0.22	\$0.22		\$0.00	\$0.00		\$0.22	\$0.22		\$0.00	\$0.00		\$0.00	\$0.00
14	SME Charge	\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79		\$0.79	\$0.79
15	Distribution Losses	\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60		\$0.1114	\$3.60
16	Distribution Volumetric Charge	\$0.0077	\$5.78		\$0.0052	\$3.90		\$0.0077	\$5.78		\$0.0052	\$3.90		\$0.0077	\$5.78		\$0.0052	\$3.90		\$0.0077	\$5.78		\$0.0052	\$3.90		\$0.0077	\$5.78
17	Low Voltage Rate	\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28		\$0.0017	\$1.28
18	LRAMVA Recovery	\$0.0002	\$0.15		\$0.0003	\$0.23		\$0.0002	\$0.15		\$0.0003	\$0.23		\$0.0002	\$0.15		\$0.0003	\$0.23		\$0.0002	\$0.15		\$0.0003	\$0.23		\$0.0002	\$0.15
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0004	\$0.30		\$0.0000	\$0.00		\$0.0023	\$1.73		\$0.0000	\$0.00		\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0052	\$3.90		\$0.0000	\$0.00		\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.0015	\$1.13		\$0.0000	\$0.00		\$0.0015	\$1.13		\$0.0000	\$0.00		\$0.0015	\$1.13		\$0.0000	\$0.00		\$0.0015	\$1.13		\$0.0000	\$0.00		\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00
23	CBR Rate Rider (2017)	\$0.0000	\$0.00		\$0.0003	\$0.23		\$0.0000	\$0.00		\$0.0003	\$0.23		\$0.0000	\$0.00		\$0.0003	\$0.23		\$0.0000	\$0.00		\$0.0003	\$0.23		\$0.0000	\$0.00
24	Group Two Deferral Disp	\$0.2500	\$0.25		\$0.0000	\$0.00		\$0.2500	\$0.25		\$0.0000	\$0.00		\$0.2500	\$0.25		\$0.0000	\$0.00		\$0.2500	\$0.25		\$0.0000	\$0.00		\$0.2500	\$0.25
25	IFRS Disposition	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40		-\$1.4000	-\$1.40
26	Subtotal		\$30.77		\$28.67	-\$2.10		\$30.77		\$28.67	-\$2.10		\$31.07		\$28.67	-\$2.39		\$36.39		\$28.67	-\$7.72		\$28.67		-\$7.72		-\$21.2%
27	% Change					-6.8%					-6.8%					-7.7%											
28	DELIVERY																										
29	RTSR Network	\$0.0070	\$5.48		\$0.0069	\$5.40		\$0.0070	\$5.48		\$0.0069	\$5.40		\$0.0070	\$5.48		\$0.0069	\$5.40		\$0.0070	\$5.48		\$0.0069	\$5.40		\$0.0069	\$5.40
30	RTSR Connection	\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15		\$0.0053	\$4.15
31	Subtotal		\$9.62		\$9.54	-\$0.08		\$9.62		\$9.54	-\$0.08		\$9.62		\$9.54	-\$0.08		\$9.62		\$9.54	-\$0.08		\$9.62		\$9.54	-\$0.08	
32	% Change					-0.8%					-0.8%					-0.8%											
33	REGULATORY																										
34	WMSR & RRRP	\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69		\$0.0060	\$4.69
35	SSS	\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25		\$0.0070	\$5.25
37	OESP	0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0
38	Subtotal		\$10.19		\$10.19	\$0.00		\$10.19		\$10.19	\$0.00		\$10.19		\$10.19	\$0.00		\$10.19		\$10.19	\$0.00		\$10.19		\$10.19	\$0.00	
39	% Change					0.0%					0.0%					0.0%										0.0%	
40	Subtotal of Bill		\$134.12		\$131.95	-\$2.17		\$134.12		\$131.95	-\$2.17		\$134.42		\$131.95	-\$2.47		\$139.75		\$131.95	-\$7.80		\$139.75		\$131.95	-\$7.80	
41	HST		\$17.44		\$17.15	-\$0.29		\$17.44		\$17.15	-\$0.29		\$17.44		\$17.15	-\$0.29		\$18.17		\$17.15	-\$1.02		\$18.17		\$17.15	-\$1.02	
42	GRAND TOTAL		\$151.56		\$149.10	-\$2.46		\$151.56		\$149.10	-\$2.46		\$151.90		\$149.10	-\$2.79		\$157.91		\$149.10	-\$8.81		\$157.91		\$149.10	-\$8.81	
43	% Change					-1.6%					-1.6%					-1.8%											
44	Non-RPP Customer																										
45	GA Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0083	\$6.23		\$0.0000	\$0.00		\$0.0031	\$2.33		\$0.0000	\$0.00		\$0.0000	\$0.00
46	GA Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		-\$0.0003	-\$0.23		\$0.0000	\$0.00		\$0.0000	\$0.00
47	GA Disp (2016)	\$0.0034	\$2.55		\$0.0000	\$0.00		\$0.0034	\$2.55		\$0.0000	\$0.00		\$0.0034	\$2.55		\$0.0000	\$0.00		\$0.0034	\$2.55		\$0.0000	\$0.00		\$0.0000	\$0.00
48	GA Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00		-\$0.0013	-\$0.98		\$0.0000	\$0.00
49	Revised Subtotal		\$136.67		\$130.97	-\$5.70		\$136.67		\$130.97	-\$5.70		\$143.20		\$130.97	-\$12.23		\$144.40		\$130.97	-\$13.43		\$144.40		\$130.97	-\$13.43	
50	HST		\$17.77		\$17.03	-\$0.74		\$17.77		\$17.03	-\$0.74		\$18.62		\$17.03	-\$1.59		\$18.77		\$17.03	-\$1.74		\$18.77		\$17.03	-\$1.74	
51	GRAND TOTAL		\$154.44		\$148.00	-\$6.44		\$154.44		\$148.00	-\$6.44		\$161.81		\$148.00	-\$13.81		\$163.17		\$148.00	-\$15.17		\$163.17		\$148.00	-\$15.17	
52	% Change					-4.2%					-4.2%					-8.5%											

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed		
		Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change
1	kWh		135		135		135		135		135		135		135		135		135		135		135		135
2	kW		0		0		0		0		0		0		0		0		0		0		0		0
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431
4	kWh - Loss Adjusted		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185		140.8185
5	ENERGY																								
6	Energy - Off Peak	\$0.087	\$7.63	\$0.087	\$7.63		\$0.087	\$7.63	\$0.087	\$7.63		\$0.087	\$7.63	\$0.087	\$7.63		\$0.087	\$7.63	\$0.087	\$7.63		\$0.087	\$7.63	\$0.087	\$7.63
7	Energy - Mid Peak	\$0.132	\$3.04	\$0.132	\$3.04		\$0.132	\$3.04	\$0.132	\$3.04		\$0.132	\$3.04	\$0.132	\$3.04		\$0.132	\$3.04	\$0.132	\$3.04		\$0.132	\$3.04	\$0.132	\$3.04
8	Energy - On Peak	\$0.180	\$4.37	\$0.180	\$4.37		\$0.180	\$4.37	\$0.180	\$4.37		\$0.180	\$4.37	\$0.180	\$4.37		\$0.180	\$4.37	\$0.180	\$4.37		\$0.180	\$4.37	\$0.180	\$4.37
9	Subtotal		\$15.04		\$15.04	\$0.00		\$15.04		\$15.04	\$0.00		\$15.04		\$15.04	\$0.00		\$15.04		\$15.04	\$0.00		\$15.04		\$15.04
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%
11	DISTRBTION																								
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79
15	Distribution Losses	\$0.1114	\$0.65	\$0.1114	\$0.65		\$0.1114	\$0.65	\$0.1114	\$0.65		\$0.1114	\$0.65	\$0.1114	\$0.65		\$0.1114	\$0.65	\$0.1114	\$0.65		\$0.1114	\$0.65	\$0.1114	\$0.65
16	Distribution Volumetric Charge	\$0.0077	\$1.04	\$0.0052	\$0.70		\$0.0077	\$1.04	\$0.0052	\$0.70		\$0.0077	\$1.04	\$0.0052	\$0.70		\$0.0077	\$1.04	\$0.0052	\$0.70		\$0.0077	\$1.04	\$0.0052	\$0.70
17	Low Voltage Rate	\$0.0017	\$0.23	\$0.0017	\$0.23		\$0.0017	\$0.23	\$0.0017	\$0.23		\$0.0017	\$0.23	\$0.0017	\$0.23		\$0.0017	\$0.23	\$0.0017	\$0.23		\$0.0017	\$0.23	\$0.0017	\$0.23
18	LRAMVA Recovery	\$0.0002	\$0.03	\$0.0003	\$0.04		\$0.0002	\$0.03	\$0.0003	\$0.04		\$0.0002	\$0.03	\$0.0003	\$0.04		\$0.0002	\$0.03	\$0.0003	\$0.04		\$0.0002	\$0.03	\$0.0003	\$0.04
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.05	\$0.0000	\$0.00		\$0.0023	\$0.31	\$0.0000	\$0.00		\$0.0023	\$0.31	\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0052	\$0.70	\$0.0000	\$0.00		\$0.0052	\$0.70	\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.0015	\$0.20	\$0.0000	\$0.00		\$0.0015	\$0.20	\$0.0000	\$0.00		\$0.0015	\$0.20	\$0.0000	\$0.00		\$0.0015	\$0.20	\$0.0000	\$0.00		\$0.0015	\$0.20	\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.04		\$0.0000	\$0.00	\$0.0003	\$0.04		\$0.0000	\$0.00	\$0.0003	\$0.04		\$0.0000	\$0.00	\$0.0003	\$0.04		\$0.0000	\$0.00	\$0.0003	\$0.04
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40
26	Subtotal		\$20.99		\$21.91	\$0.92		\$20.99		\$21.91	\$0.92		\$21.04		\$21.91	\$0.86		\$22.00		\$21.91	\$0.86		\$22.00		\$21.91
27	% Change					4.4%					4.4%					4.1%					4.1%				-0.4%
28	DELIVERY																								
29	RTSR Network	\$0.0070	\$0.99	\$0.0069	\$0.97		\$0.0070	\$0.99	\$0.0069	\$0.97		\$0.0070	\$0.99	\$0.0069	\$0.97		\$0.0070	\$0.99	\$0.0069	\$0.97		\$0.0070	\$0.99	\$0.0069	\$0.97
30	RTSR Connection	\$0.0053	\$0.75	\$0.0053	\$0.75		\$0.0053	\$0.75	\$0.0053	\$0.75		\$0.0053	\$0.75	\$0.0053	\$0.75		\$0.0053	\$0.75	\$0.0053	\$0.75		\$0.0053	\$0.75	\$0.0053	\$0.75
31	Subtotal		\$1.73		\$1.72	-\$0.01		\$1.73		\$1.72	-\$0.01		\$1.73		\$1.72	-\$0.01		\$1.73		\$1.72	-\$0.01		\$1.73		\$1.72
32	% Change					-0.8%					-0.8%					-0.8%					-0.8%				-0.8%
33	REGULATORY																								
34	WMSR & RRRP	\$0.0060	\$0.84	\$0.0060	\$0.84		\$0.0060	\$0.84	\$0.0060	\$0.84		\$0.0060	\$0.84	\$0.0060	\$0.84		\$0.0060	\$0.84	\$0.0060	\$0.84		\$0.0060	\$0.84	\$0.0060	\$0.84
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$0.95	\$0.0070	\$0.95		\$0.0070	\$0.95	\$0.0070	\$0.95		\$0.0070	\$0.95	\$0.0070	\$0.95		\$0.0070	\$0.95	\$0.0070	\$0.95		\$0.0070	\$0.95	\$0.0070	\$0.95
37	OESP	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0
38	Subtotal		\$2.04		\$2.04	\$0.00		\$2.04		\$2.04	\$0.00		\$2.04		\$2.04	\$0.00		\$2.04		\$2.04	\$0.00		\$2.04		\$2.04
39	% Change					0.0%					0.0%					0.0%					0.0%				0.0%
40	Subtotal of Bill		\$39.80		\$40.70			\$39.80		\$40.70			\$39.85		\$40.70			\$40.81		\$40.70			\$40.81		\$40.70
41	HST		\$5.17		\$5.29			\$5.17		\$5.29			\$5.18		\$5.29			\$5.31		\$5.29			\$5.31		\$5.29
42	GRAND TOTAL		\$44.97		\$45.99	\$1.02		\$44.97		\$45.99	\$1.02		\$45.03		\$45.99	\$0.96		\$46.11		\$45.99	\$0.96		\$45.99		\$45.99
43	% Change					2.3%					2.3%					2.1%					2.1%				-0.3%
44	Non-RPP Customer																								
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0031	\$0.42	\$0.0000	\$0.00		\$0.0031	\$0.42	\$0.0000	\$0.00
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.04	\$0.0000	\$0.00		-\$0.0003	-\$0.04	\$0.0000	\$0.00
47	GA Disp (2016)	\$0.0034	\$0.46	\$0.0000	\$0.00		\$0.0034	\$0.46	\$0.0000	\$0.00		\$0.0034	\$0.46	\$0.0000	\$0.00		\$0.0034	\$0.46	\$0.0000	\$0.00		\$0.0034	\$0.46	\$0.0000	\$0.00
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18		\$0.0000	\$0.00	-\$0.0013	-\$0.18
49	Revised Subtotal		\$40.25		\$40.52			\$40.25		\$40.52			\$40.31		\$40.52			\$41.65		\$40.52			\$41.65		\$40.52
50	HST		\$5.23		\$5.27			\$5.23		\$5.27			\$5.24		\$5.27			\$5.41		\$5.27			\$5.41		\$5.27
51	GRAND TOTAL		\$45.49		\$45.79	\$0.31		\$45.49		\$45.79	\$0.31														

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed			
		Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	
1	kWh		100		100			100			100			100			100			100			100			
2	kW		0		0			0			0			0			0			0			0			
3	Loss Factor		1.0431		1.0431			1.0431			1.0431			1.0431			1.0431			1.0431			1.0431			
4	kWh - Loss Adjusted		104.31		104.31			104.31			104.31			104.31			104.31			104.31			104.31			
5	ENERGY																									
6	Energy - Off Peak	\$0.087	\$5.65	\$0.087	\$5.65		\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65	\$0.087	\$5.65
7	Energy - Mid Peak	\$0.132	\$2.25	\$0.132	\$2.25		\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25	\$0.132	\$2.25
8	Energy - On Peak	\$0.180	\$3.24	\$0.180	\$3.24		\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24	\$0.180	\$3.24
9	Subtotal		\$11.14		\$11.14	\$0.00		\$11.14		\$11.14	\$0.00		\$11.14		\$11.14	\$0.00		\$11.14		\$11.14	\$0.00		\$11.14		\$11.14	
10	% Change					0.0%					0.0%					0.0%						0.0%			0.0%	
11	DISTRBTION																									
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03	\$18.98	\$18.98	\$21.03	\$21.03	\$18.98	\$18.98	\$21.03	\$21.03	\$18.98	\$18.98	\$21.03	\$21.03	\$18.98	\$18.98	\$21.03	\$21.03
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00	\$0.22	\$0.22	\$0.00	\$0.00	\$0.22	\$0.22	\$0.00	\$0.00	\$0.22	\$0.22	\$0.00	\$0.00	\$0.22	\$0.22	\$0.00	\$0.00
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79
15	Distribution Losses	\$0.1114	\$0.48	\$0.1114	\$0.48		\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48	\$0.1114	\$0.48
16	Distribution Volumetric Charge	\$0.0077	\$0.77	\$0.0052	\$0.52		\$0.0077	\$0.77	\$0.0052	\$0.52	\$0.0077	\$0.77	\$0.0052	\$0.52	\$0.0077	\$0.77	\$0.0052	\$0.52	\$0.0077	\$0.77	\$0.0052	\$0.52	\$0.0077	\$0.77	\$0.0052	\$0.52
17	Low Voltage Rate	\$0.0017	\$0.17	\$0.0017	\$0.17		\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17	\$0.0017	\$0.17
18	LRAMVA Recovery	\$0.0002	\$0.02	\$0.0003	\$0.03		\$0.0002	\$0.02	\$0.0003	\$0.03	\$0.0002	\$0.02	\$0.0003	\$0.03	\$0.0002	\$0.02	\$0.0003	\$0.03	\$0.0002	\$0.02	\$0.0003	\$0.03	\$0.0002	\$0.02	\$0.0003	\$0.03
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0004	\$0.04	\$0.0000	\$0.00	\$0.0023	\$0.23	\$0.0000	\$0.00	\$0.0023	\$0.23	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0052	\$0.52	\$0.0000	\$0.00	\$0.0052	\$0.52	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.0015	\$0.15	\$0.0000	\$0.00		\$0.0015	\$0.15	\$0.0000	\$0.00	\$0.0015	\$0.15	\$0.0000	\$0.00	\$0.0015	\$0.15	\$0.0000	\$0.00	\$0.0015	\$0.15	\$0.0000	\$0.00	\$0.0015	\$0.15	\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.13		\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0.0000	\$0.00	-\$0.0013	-\$0.13
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.03		\$0.0000	\$0.00	\$0.0003	\$0.03	\$0.0000	\$0.00	\$0.0003	\$0.03	\$0.0000	\$0.00	\$0.0003	\$0.03	\$0.0000	\$0.00	\$0.0003	\$0.03	\$0.0000	\$0.00	\$0.0003	\$0.03
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00	\$0.2500	\$0.25	\$0.0000	\$0.00	\$0.2500	\$0.25	\$0.0000	\$0.00	\$0.2500	\$0.25	\$0.0000	\$0.00	\$0.2500	\$0.25	\$0.0000	\$0.00
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40
26	Subtotal		\$20.43		\$21.52	\$1.09		\$20.43		\$21.52	\$1.09		\$20.47		\$21.52	\$1.05		\$21.18		\$21.52	\$0.34		\$21.52		\$0.34	
27	% Change					5.3%					5.3%					5.1%									1.6%	
28	DELIVERY																									
29	RTSR Network	\$0.0070	\$0.73	\$0.0069	\$0.72		\$0.0070	\$0.73	\$0.0069	\$0.72	\$0.0070	\$0.73	\$0.0069	\$0.72	\$0.0070	\$0.73	\$0.0069	\$0.72	\$0.0070	\$0.73	\$0.0069	\$0.72	\$0.0070	\$0.73	\$0.0069	\$0.72
30	RTSR Connection	\$0.0053	\$0.55	\$0.0053	\$0.55		\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55	\$0.0053	\$0.55
31	Subtotal		\$1.28		\$1.27	-\$0.01		\$1.28		\$1.27	-\$0.01		\$1.28		\$1.27	-\$0.01		\$1.28		\$1.27	-\$0.01		\$1.27		-\$0.01	
32	% Change					-0.8%					-0.8%					-0.8%									-0.8%	
33	REGULATORY																									
34	WMSR & RRRP	\$0.0060	\$0.63	\$0.0060	\$0.63		\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63	\$0.0060	\$0.63
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$0.70	\$0.0070	\$0.70		\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70	\$0.0070	\$0.70
37	OESP	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	Subtotal		\$1.58		\$1.58	\$0.00		\$1.58		\$1.58	\$0.00		\$1.58		\$1.58	\$0.00		\$1.58		\$1.58	\$0.00		\$1.58		\$0.00	
39	% Change					0.0%					0.0%					0.0%									0.0%	
40	Subtotal of Bill		\$34.43		\$35.51			\$34.43		\$35.51			\$34.47		\$35.51			\$35.18		\$35.51			\$35.18		\$35.51	
41	HST		\$4.48		\$4.62			\$4.48		\$4.62			\$4.48		\$4.62			\$4.57		\$4.62			\$4.57		\$4.62	
42	GRAND TOTAL		\$38.90		\$40.12	\$1.22		\$38.90		\$40.12	\$1.22		\$38.95		\$40.12	\$1.17		\$39.75		\$40.12	\$0.37		\$40.12		\$0.37	
43	% Change					3.1%					3.1%					3.0%									0.9%	
44	Non-RPP Customer																									
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0031	\$0.31	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	-\$0.0003	-\$0.03	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00
47	GA Disp (2016)	\$0.0034	\$0.34	\$0.0000	\$0.00		\$0.0034	\$0.34	\$0.0000	\$0.00	\$0.0034	\$0.34	\$0.0000	\$0.00	\$0.0034	\$0.34	\$0.0000	\$0.00	\$0.0034	\$0.34	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.13		\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0.0000	\$0.00	-\$0.0013	-\$0.13	\$0							

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed			
		Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	
1	kWh		250		250			250			250			250			250			250			250			
2	kW		0		0			0			0			0			0			0			0			
3	Loss Factor		1.0431		1.0431			1.0431			1.0431			1.0431			1.0431			1.0431			1.0431			
4	kWh - Loss Adjusted		260.775		260.775			260.775			260.775			260.775			260.775			260.775			260.775			
5	ENERGY																									
6	Energy - Off Peak	\$0.087	\$14.13	\$0.087	\$14.13		\$0.087	\$14.13	\$0.087	\$14.13		\$0.087	\$14.13	\$0.087	\$14.13		\$0.087	\$14.13	\$0.087	\$14.13		\$0.087	\$14.13	\$0.087	\$14.13	
7	Energy - Mid Peak	\$0.132	\$5.62	\$0.132	\$5.62		\$0.132	\$5.62	\$0.132	\$5.62		\$0.132	\$5.62	\$0.132	\$5.62		\$0.132	\$5.62	\$0.132	\$5.62		\$0.132	\$5.62	\$0.132	\$5.62	
8	Energy - On Peak	\$0.180	\$8.09	\$0.180	\$8.09		\$0.180	\$8.09	\$0.180	\$8.09		\$0.180	\$8.09	\$0.180	\$8.09		\$0.180	\$8.09	\$0.180	\$8.09		\$0.180	\$8.09	\$0.180	\$8.09	
9	Subtotal		\$27.85		\$27.85	\$0.00		\$27.85		\$27.85	\$0.00		\$27.85		\$27.85	\$0.00		\$27.85		\$27.85	\$0.00		\$27.85		\$27.85	
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%	
11	DISTRBTION																									
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03	
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00	
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	
15	Distribution Losses	\$0.1114	\$1.20	\$0.1114	\$1.20		\$0.1114	\$1.20	\$0.1114	\$1.20		\$0.1114	\$1.20	\$0.1114	\$1.20		\$0.1114	\$1.20	\$0.1114	\$1.20		\$0.1114	\$1.20	\$0.1114	\$1.20	
16	Distribution Volumetric Charge	\$0.0077	\$1.93	\$0.0052	\$1.30		\$0.0077	\$1.93	\$0.0052	\$1.30		\$0.0077	\$1.93	\$0.0052	\$1.30		\$0.0077	\$1.93	\$0.0052	\$1.30		\$0.0077	\$1.93	\$0.0052	\$1.30	
17	Low Voltage Rate	\$0.0017	\$0.43	\$0.0017	\$0.43		\$0.0017	\$0.43	\$0.0017	\$0.43		\$0.0017	\$0.43	\$0.0017	\$0.43		\$0.0017	\$0.43	\$0.0017	\$0.43		\$0.0017	\$0.43	\$0.0017	\$0.43	
18	LRAMVA Recovery	\$0.0002	\$0.05	\$0.0003	\$0.08		\$0.0002	\$0.05	\$0.0003	\$0.08		\$0.0002	\$0.05	\$0.0003	\$0.08		\$0.0002	\$0.05	\$0.0003	\$0.08		\$0.0002	\$0.05	\$0.0003	\$0.08	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.10	\$0.0000	\$0.00		\$0.0023	\$0.58	\$0.0000	\$0.00		\$0.0023	\$0.58	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0052	\$1.30	\$0.0000	\$0.00		\$0.0052	\$1.30	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$0.38	\$0.0000	\$0.00		\$0.0015	\$0.38	\$0.0000	\$0.00		\$0.0015	\$0.38	\$0.0000	\$0.00		\$0.0015	\$0.38	\$0.0000	\$0.00		\$0.0015	\$0.38	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.08		\$0.0000	\$0.00	\$0.0003	\$0.08		\$0.0000	\$0.00	\$0.0003	\$0.08		\$0.0000	\$0.00	\$0.0003	\$0.08		\$0.0000	\$0.00	\$0.0003	\$0.08	
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00	
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	
26	Subtotal		\$22.82		\$23.17	\$0.36		\$22.82		\$23.17	\$0.36		\$22.92		\$23.17	\$0.25		\$24.69		\$23.17	-\$1.52		\$23.17		-\$1.52	
27	% Change					1.6%					1.6%					1.1%					-6.2%				-6.2%	
28	DELIVERY																									
29	RTSR Network	\$0.0070	\$1.83	\$0.0069	\$1.80		\$0.0070	\$1.83	\$0.0069	\$1.80		\$0.0070	\$1.83	\$0.0069	\$1.80		\$0.0070	\$1.83	\$0.0069	\$1.80		\$0.0070	\$1.83	\$0.0069	\$1.80	
30	RTSR Connection	\$0.0053	\$1.38	\$0.0053	\$1.38		\$0.0053	\$1.38	\$0.0053	\$1.38		\$0.0053	\$1.38	\$0.0053	\$1.38		\$0.0053	\$1.38	\$0.0053	\$1.38		\$0.0053	\$1.38	\$0.0053	\$1.38	
31	Subtotal		\$3.21		\$3.18	-\$0.03		\$3.21		\$3.18	-\$0.03		\$3.21		\$3.18	-\$0.03		\$3.21		\$3.18	-\$0.03		\$3.18		-\$0.03	
32	% Change					-0.8%					-0.8%					-0.8%					-0.8%				-0.8%	
33	REGULATORY																									
34	WMSR & RRRP	\$0.0060	\$1.56	\$0.0060	\$1.56		\$0.0060	\$1.56	\$0.0060	\$1.56		\$0.0060	\$1.56	\$0.0060	\$1.56		\$0.0060	\$1.56	\$0.0060	\$1.56		\$0.0060	\$1.56	\$0.0060	\$1.56	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$1.75	\$0.0070	\$1.75		\$0.0070	\$1.75	\$0.0070	\$1.75		\$0.0070	\$1.75	\$0.0070	\$1.75		\$0.0070	\$1.75	\$0.0070	\$1.75		\$0.0070	\$1.75	\$0.0070	\$1.75	
37	OESP	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
38	Subtotal		\$3.56		\$3.56	\$0.00		\$3.56		\$3.56	\$0.00		\$3.56		\$3.56	\$0.00		\$3.56		\$3.56	\$0.00		\$3.56		\$0.00	
39	% Change					0.0%					0.0%					0.0%					0.0%				0.0%	
40	Subtotal of Bill		\$57.43		\$57.76			\$57.43		\$57.76			\$57.53		\$57.76			\$59.31		\$57.76		\$59.31		\$57.76		\$59.31
41	HST		\$7.47		\$7.51			\$7.47		\$7.51			\$7.48		\$7.51			\$7.71		\$7.51		\$7.71		\$7.51		\$7.71
42	GRAND TOTAL		\$64.90		\$65.27	\$0.37		\$64.90		\$65.27	\$0.37		\$65.01		\$65.27	\$0.26		\$67.02		\$65.27	-\$1.75		\$65.27		-\$1.75	
43	% Change					0.6%					0.6%				0.4%						-2.6%				-2.6%	
44	Non-RPP Customer																									
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0031	\$0.78	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.08	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
47	GA Disp (2016)	\$0.0034	\$0.85	\$0.0000	\$0.00		\$0.0034	\$0.85	\$0.0000	\$0.00		\$0.0034	\$0.85	\$0.0000	\$0.00		\$0.0034	\$0.85	\$0.0000	\$0.00		\$0.0034	\$0.85	\$0.0000	\$0.00	
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33		\$0.0000	\$0.00	-\$0.0013	-\$0.33	
49	Revised Subtotal		\$58.28		\$57.44			\$58.28		\$57.44			\$58.38		\$57.44			\$60.86		\$57.44		\$60.86		\$57.44		\$60.86
50	HST		\$7.58		\$7.47			\$7.58		\$7.47			\$7.59		\$7.58			\$7.91		\$7.58		\$7.91		\$7.58		\$7.91
51	GRAND TOTAL		\$65.86		\$64.91	-\$0.96		\$65.86		\$64.91	-\$0.96		\$65.97		\$64.9											

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed		
		Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change
1	kWh		500		500			500		500			500		500		500			500			500		500
2	kW		0		0			0		0			0		0		0			0			0		0
3	Loss Factor		1.0431		1.0431			1.0431		1.0431			1.0431		1.0431		1.0431			1.0431			1.0431		1.0431
4	kWh - Loss Adjusted		521.55		521.55			521.55		521.55			521.55		521.55		521.55			521.55			521.55		521.55
5	ENERGY																								
6	Energy - Off Peak	\$0.087	\$28.27	\$0.087	\$28.27		\$0.087	\$28.27	\$0.087	\$28.27		\$0.087	\$28.27	\$0.087	\$28.27		\$0.087	\$28.27	\$0.087	\$28.27		\$0.087	\$28.27	\$0.087	\$28.27
7	Energy - Mid Peak	\$0.132	\$11.25	\$0.132	\$11.25		\$0.132	\$11.25	\$0.132	\$11.25		\$0.132	\$11.25	\$0.132	\$11.25		\$0.132	\$11.25	\$0.132	\$11.25		\$0.132	\$11.25	\$0.132	\$11.25
8	Energy - On Peak	\$0.180	\$16.18	\$0.180	\$16.18		\$0.180	\$16.18	\$0.180	\$16.18		\$0.180	\$16.18	\$0.180	\$16.18		\$0.180	\$16.18	\$0.180	\$16.18		\$0.180	\$16.18	\$0.180	\$16.18
9	Subtotal		\$55.69		\$55.69	\$0.00		\$55.69		\$55.69	\$0.00		\$55.69		\$55.69	\$0.00		\$55.69		\$55.69	\$0.00		\$55.69		\$55.69
10	% Change					0.0%					0.0%										0.0%				0.0%
11	DISTRBUION																								
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79
15	Distribution Losses	\$0.1114	\$2.40	\$0.1114	\$2.40		\$0.1114	\$2.40	\$0.1114	\$2.40		\$0.1114	\$2.40	\$0.1114	\$2.40		\$0.1114	\$2.40	\$0.1114	\$2.40		\$0.1114	\$2.40	\$0.1114	\$2.40
16	Distribution Volumetric Charge	\$0.0077	\$3.85	\$0.0052	\$2.60		\$0.0077	\$3.85	\$0.0052	\$2.60		\$0.0077	\$3.85	\$0.0052	\$2.60		\$0.0077	\$3.85	\$0.0052	\$2.60		\$0.0077	\$3.85	\$0.0052	\$2.60
17	Low Voltage Rate	\$0.0017	\$0.85	\$0.0017	\$0.85		\$0.0017	\$0.85	\$0.0017	\$0.85		\$0.0017	\$0.85	\$0.0017	\$0.85		\$0.0017	\$0.85	\$0.0017	\$0.85		\$0.0017	\$0.85	\$0.0017	\$0.85
18	LRAMVA Recovery	\$0.0002	\$0.10	\$0.0003	\$0.15		\$0.0002	\$0.10	\$0.0003	\$0.15		\$0.0002	\$0.10	\$0.0003	\$0.15		\$0.0002	\$0.10	\$0.0003	\$0.15		\$0.0002	\$0.10	\$0.0003	\$0.15
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.20	\$0.0000	\$0.00		\$0.0023	\$1.15	\$0.0000	\$0.00		\$0.0023	\$1.15	\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0052	\$2.60	\$0.0000	\$0.00		\$0.0052	\$2.60	\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.0015	\$0.75	\$0.0000	\$0.00		\$0.0015	\$0.75	\$0.0000	\$0.00		\$0.0015	\$0.75	\$0.0000	\$0.00		\$0.0015	\$0.75	\$0.0000	\$0.00		\$0.0015	\$0.75	\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.15		\$0.0000	\$0.00	\$0.0003	\$0.15		\$0.0000	\$0.00	\$0.0003	\$0.15		\$0.0000	\$0.00	\$0.0003	\$0.15		\$0.0000	\$0.00	\$0.0003	\$0.15
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40
26	Subtotal		\$26.79		\$25.92	-\$0.87		\$26.79		\$25.92	-\$0.87		\$26.99		\$25.92	-\$1.07		\$30.54		\$25.92	-\$4.62		\$25.92		-\$4.62
27	% Change					-3.2%					-3.2%					-4.0%					-15.1%				
28	DELIVERY																								
29	RTSR Network	\$0.0070	\$3.65	\$0.0069	\$3.60		\$0.0070	\$3.65	\$0.0069	\$3.60		\$0.0070	\$3.65	\$0.0069	\$3.60		\$0.0070	\$3.65	\$0.0069	\$3.60		\$0.0070	\$3.65	\$0.0069	\$3.60
30	RTSR Connection	\$0.0053	\$2.76	\$0.0053	\$2.76		\$0.0053	\$2.76	\$0.0053	\$2.76		\$0.0053	\$2.76	\$0.0053	\$2.76		\$0.0053	\$2.76	\$0.0053	\$2.76		\$0.0053	\$2.76	\$0.0053	\$2.76
31	Subtotal		\$6.42		\$6.36	-\$0.05		\$6.42		\$6.36	-\$0.05		\$6.42		\$6.36	-\$0.05		\$6.42		\$6.36	-\$0.05		\$6.36		-\$0.05
32	% Change					-0.8%					-0.8%					-0.8%					-0.8%				
33	REGULATORY																								
34	WMSR & RRRP	\$0.0060	\$3.13	\$0.0060	\$3.13		\$0.0060	\$3.13	\$0.0060	\$3.13		\$0.0060	\$3.13	\$0.0060	\$3.13		\$0.0060	\$3.13	\$0.0060	\$3.13		\$0.0060	\$3.13	\$0.0060	\$3.13
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$3.50	\$0.0070	\$3.50		\$0.0070	\$3.50	\$0.0070	\$3.50		\$0.0070	\$3.50	\$0.0070	\$3.50		\$0.0070	\$3.50	\$0.0070	\$3.50		\$0.0070	\$3.50	\$0.0070	\$3.50
37	OESP	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0
38	Subtotal		\$6.88		\$6.88	\$0.00		\$6.88		\$6.88	\$0.00		\$6.88		\$6.88	\$0.00		\$6.88		\$6.88	\$0.00		\$6.88		\$0.00
39	% Change					0.0%					0.0%					0.0%					0.0%				0.0%
40	Subtotal of Bill		\$95.78		\$94.86			\$95.78		\$94.86			\$95.98		\$94.86			\$99.53		\$94.86			\$99.53		\$94.86
41	HST		\$12.45		\$12.33			\$12.45		\$12.33			\$12.48		\$12.33			\$12.94		\$12.33			\$12.94		\$12.33
42	GRAND TOTAL		\$108.23		\$107.19	-\$1.04		\$108.23		\$107.19	-\$1.04		\$108.46		\$107.19	-\$1.27		\$112.47		\$107.19	-\$5.28		\$107.19		-\$5.28
43	% Change					-1.0%					-1.0%					-1.2%					-4.7%				
44	Non-RPP Customer																								
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0031	\$1.55	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.15	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00
47	GA Disp (2016)	\$0.0034	\$1.70	\$0.0000	\$0.00		\$0.0034	\$1.70	\$0.0000	\$0.00		\$0.0034	\$1.70	\$0.0000	\$0.00		\$0.0034	\$1.70	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65		\$0.0000	\$0.00	-\$0.0013	-\$0.65
49	Revised Subtotal		\$97.48		\$94.21			\$97.48		\$94.21			\$97.68		\$94.21			\$102.63		\$102.63			\$102.63		\$94.21
50	HST		\$12.67		\$12.25			\$12.67		\$12.25			\$12.70		\$12.25			\$13.34		\$12.25			\$13.34		\$12.25
51	GRAND TOTAL		\$110.15		\$106.45	-\$3.70		\$110.15		\$106.45	-\$3.70		\$110.38		\$106.4										

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved		2017 EPI Proposed			2016 SMP Approved		2017 EPI Proposed			2016 DUT Approved		2017 EPI Proposed			2016 NEW Approved		2017 EPI Proposed		
		Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change
1	kWh		800		800		800		800		800		800		800		800		800		800
2	kW		0		0		0		0		0		0		0		0		0		0
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431
4	kWh - Loss Adjusted		834.48		834.48		834.48		834.48		834.48		834.48		834.48		834.48		834.48		834.48
5	ENERGY																				
6	Energy - Off Peak	\$0.087	\$45.23	\$0.087	\$45.23		\$0.087	\$45.23	\$0.087	\$45.23		\$0.087	\$45.23	\$0.087	\$45.23		\$0.087	\$45.23	\$0.087	\$45.23	
7	Energy - Mid Peak	\$0.132	\$18.00	\$0.132	\$18.00		\$0.132	\$18.00	\$0.132	\$18.00		\$0.132	\$18.00	\$0.132	\$18.00		\$0.132	\$18.00	\$0.132	\$18.00	
8	Energy - On Peak	\$0.180	\$25.89	\$0.180	\$25.89		\$0.180	\$25.89	\$0.180	\$25.89		\$0.180	\$25.89	\$0.180	\$25.89		\$0.180	\$25.89	\$0.180	\$25.89	
9	Subtotal		\$89.11		\$89.11	\$0.00		\$89.11		\$89.11	\$0.00		\$89.11		\$89.11	\$0.00		\$89.11		\$89.11	\$0.00
10	% Change					0.0%					0.0%					0.0%					0.0%
11	DISTRBUTION																				
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03	
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00	
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	
15	Distribution Losses	\$0.1114	\$3.84	\$0.1114	\$3.84		\$0.1114	\$3.84	\$0.1114	\$3.84		\$0.1114	\$3.84	\$0.1114	\$3.84		\$0.1114	\$3.84	\$0.1114	\$3.84	
16	Distribution Volumetric Charge	\$0.0077	\$6.16	\$0.0052	\$4.16		\$0.0077	\$6.16	\$0.0052	\$4.16		\$0.0077	\$6.16	\$0.0052	\$4.16		\$0.0077	\$6.16	\$0.0052	\$4.16	
17	Low Voltage Rate	\$0.0017	\$1.36	\$0.0017	\$1.36		\$0.0017	\$1.36	\$0.0017	\$1.36		\$0.0017	\$1.36	\$0.0017	\$1.36		\$0.0017	\$1.36	\$0.0017	\$1.36	
18	LRAMVA Recovery	\$0.0002	\$0.16	\$0.0003	\$0.24		\$0.0002	\$0.16	\$0.0003	\$0.24		\$0.0002	\$0.16	\$0.0003	\$0.24		\$0.0002	\$0.16	\$0.0003	\$0.24	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.32	\$0.0000	\$0.00		\$0.0023	\$1.84	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0052	\$4.16	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$1.20	\$0.0000	\$0.00		\$0.0015	\$1.20	\$0.0000	\$0.00		\$0.0015	\$1.20	\$0.0000	\$0.00		\$0.0015	\$1.20	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$1.04		\$0.0000	\$0.00	-\$0.0013	-\$1.04		\$0.0000	\$0.00	-\$0.0013	-\$1.04		\$0.0000	\$0.00	-\$0.0013	-\$1.04	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.24		\$0.0000	\$0.00	\$0.0003	\$0.24		\$0.0000	\$0.00	\$0.0003	\$0.24		\$0.0000	\$0.00	\$0.0003	\$0.24	
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00	
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	
26	Subtotal		\$31.56		\$29.22	-\$2.34		\$31.56		\$29.22	-\$2.34		\$31.88		\$29.22	-\$2.66		\$37.56		\$29.22	-\$8.34
27	% Change					-7.4%					-7.4%					-8.3%					-22.2%
28	DELIVERY																				
29	RTSR Network	\$0.0070	\$5.84	\$0.0069	\$5.76		\$0.0070	\$5.84	\$0.0069	\$5.76		\$0.0070	\$5.84	\$0.0069	\$5.76		\$0.0070	\$5.84	\$0.0069	\$5.76	
30	RTSR Connection	\$0.0053	\$4.42	\$0.0053	\$4.42		\$0.0053	\$4.42	\$0.0053	\$4.42		\$0.0053	\$4.42	\$0.0053	\$4.42		\$0.0053	\$4.42	\$0.0053	\$4.42	
31	Subtotal		\$10.26		\$10.18	-\$0.08		\$10.26		\$10.18	-\$0.08		\$10.26		\$10.18	-\$0.08		\$10.26		\$10.18	-\$0.08
32	% Change					-0.8%					-0.8%					-0.8%					-0.8%
33	REGULATORY																				
34	WMSR & RRRP	\$0.0060	\$5.01	\$0.0060	\$5.01		\$0.0060	\$5.01	\$0.0060	\$5.01		\$0.0060	\$5.01	\$0.0060	\$5.01		\$0.0060	\$5.01	\$0.0060	\$5.01	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$5.60	\$0.0070	\$5.60		\$0.0070	\$5.60	\$0.0070	\$5.60		\$0.0070	\$5.60	\$0.0070	\$5.60		\$0.0070	\$5.60	\$0.0070	\$5.60	
37	OESP	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
38	Subtotal		\$10.86		\$10.86	\$0.00		\$10.86		\$10.86	\$0.00		\$10.86		\$10.86	\$0.00		\$10.86		\$10.86	\$0.00
39	% Change					0.0%					0.0%					0.0%					0.0%
40	Subtotal of Bill		\$141.79		\$139.37			\$141.79		\$139.37			\$142.11		\$139.37			\$147.79		\$139.37	
41	HST		\$18.43		\$18.12			\$18.43		\$18.12			\$18.47		\$18.12			\$19.21		\$18.12	
42	GRAND TOTAL		\$160.22		\$157.49	-\$2.74		\$160.22		\$157.49	-\$2.74		\$160.59		\$157.49	-\$3.10		\$167.00		\$157.49	-\$9.52
43	% Change					-1.7%					-1.7%					-1.9%					-5.7%
44	Non-RPP Customer																				
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0031	\$2.48	\$0.0000	\$0.00	
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.24	\$0.0000	\$0.00	
47	GA Disp (2016)	\$0.0034	\$2.72	\$0.0000	\$0.00		\$0.0034	\$2.72	\$0.0000	\$0.00		\$0.0034	\$2.72	\$0.0000	\$0.00		\$0.0034	\$2.72	\$0.0000	\$0.00	
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$1.04		\$0.0000	\$0.00	-\$0.0013	-\$1.04		\$0.0000	\$0.00	-\$0.0013	-\$1.04		\$0.0000	\$0.00	-\$0.0013	-\$1.04	
49	Revised Subtotal		\$144.51		\$138.33			\$144.51		\$138.33			\$144.83		\$138.33			\$152.75		\$138.33	
50	HST		\$18.79		\$17.98			\$18.79		\$17.98			\$18.83		\$17.98			\$19.86		\$17.98	
51	GRAND TOTAL		\$163.30		\$156.31	-\$6.99		\$163.30		\$156.31	-\$6.99		\$163.66		\$156.31	-\$7.35		\$172.61		\$156.31	-\$16.30
52	% Change					-4.3%					-4.3%					-4.5%					-9.4%
53	Breakdown of Distribution																				
54	Entegrus Only		\$24.12		\$24.03	-\$0.09		\$24.12		\$24.03	-\$0.09		\$24.12		\$24.03	-\$0.09		\$24.12		\$24.03	-\$0.09
55	% Change					-0.3%					-0.3%					-0.3%					-0.2%
56	Pass Through Costs		\$7.44		\$5.19	-\$2.25		\$7.44		\$5.19	-\$2.25		\$7.76		\$5.19	-\$2.57		\$13.44		\$5.19	-\$8.25
57	% Change					-7.1%					-7.1%					-8.1%					-22.0%

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed			
		Rate	Total		Rate	Total	Change	Rate	Total		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	
1	kWh		1000		1000			1000			1000			1000			1000			1000			1000			
2	kW		0		0			0			0			0			0			0			0			
3	Loss Factor		1.0431		1.0431			1.0431			1.0431			1.0431			1.0431			1.0431			1.0431			
4	kWh - Loss Adjusted		1043.1		1043.1			1043.1			1043.1			1043.1			1043.1			1043.1			1043.1			
5	ENERGY																									
6	Energy - Off Peak	\$0.087	\$56.53	\$0.087	\$56.53		\$0.087	\$56.53	\$0.087	\$56.53		\$0.087	\$56.53	\$0.087	\$56.53		\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53
7	Energy - Mid Peak	\$0.132	\$22.50	\$0.132	\$22.50		\$0.132	\$22.50	\$0.132	\$22.50		\$0.132	\$22.50	\$0.132	\$22.50		\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50
8	Energy - On Peak	\$0.180	\$32.36	\$0.180	\$32.36		\$0.180	\$32.36	\$0.180	\$32.36		\$0.180	\$32.36	\$0.180	\$32.36		\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36
9	Subtotal		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39		\$111.39	\$0.00		\$111.39	
10	% Change					0.0%					0.0%					0.0%						0.0%			0.0%	
11	DISTRBUION																									
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03	\$18.98	\$18.98	\$21.03	\$21.03	\$18.98	\$18.98
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00	\$0.22	\$0.22	\$0.00	\$0.00	\$0.22	\$0.22
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79
15	Distribution Losses	\$0.1114	\$4.80	\$0.1114	\$4.80		\$0.1114	\$4.80	\$0.1114	\$4.80		\$0.1114	\$4.80	\$0.1114	\$4.80		\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80
16	Distribution Volumetric Charge	\$0.0077	\$7.70	\$0.0052	\$5.20		\$0.0077	\$7.70	\$0.0052	\$5.20		\$0.0077	\$7.70	\$0.0052	\$5.20		\$0.0077	\$7.70	\$0.0052	\$5.20	\$0.0077	\$7.70	\$0.0052	\$5.20	\$0.0077	\$7.70
17	Low Voltage Rate	\$0.0017	\$1.70	\$0.0017	\$1.70		\$0.0017	\$1.70	\$0.0017	\$1.70		\$0.0017	\$1.70	\$0.0017	\$1.70		\$0.0017	\$1.70	\$0.0017	\$1.70	\$0.0017	\$1.70	\$0.0017	\$1.70	\$0.0017	\$1.70
18	LRAMVA Recovery	\$0.0002	\$0.20	\$0.0003	\$0.30		\$0.0002	\$0.20	\$0.0003	\$0.30		\$0.0002	\$0.20	\$0.0003	\$0.30		\$0.0002	\$0.20	\$0.0003	\$0.30	\$0.0002	\$0.20	\$0.0003	\$0.30	\$0.0002	\$0.20
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.40	\$0.0000	\$0.00		\$0.0023	\$2.30	\$0.0000	\$0.00	\$0.0023	\$2.30	\$0.0000	\$0.00	\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0052	\$5.20	\$0.0000	\$0.00	\$0.0052	\$5.20	\$0.0000	\$0.00	\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.0015	\$1.50	\$0.0000	\$0.00		\$0.0015	\$1.50	\$0.0000	\$0.00		\$0.0015	\$1.50	\$0.0000	\$0.00		\$0.0015	\$1.50	\$0.0000	\$0.00	\$0.0015	\$1.50	\$0.0000	\$0.00	\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	-\$1.30
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.30		\$0.0000	\$0.00	\$0.0003	\$0.30		\$0.0000	\$0.00	\$0.0003	\$0.30		\$0.0000	\$0.00	\$0.0003	\$0.30	\$0.0000	\$0.00	\$0.0003	\$0.30	\$0.0000	\$0.30
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00	\$0.2500	\$0.25	\$0.0000	\$0.00	\$0.2500	\$0.25
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40
26	Subtotal		\$34.74		\$31.42	-\$3.32		\$34.74		\$31.42	-\$3.32		\$35.14		\$31.42	-\$3.72		\$42.24		\$31.42		\$31.42	-\$10.82		\$31.42	-\$10.82
27	% Change					-9.6%					-9.6%				-10.6%							-25.6%			-25.6%	
28	DELIVERY																									
29	RTSR Network	\$0.0070	\$7.30	\$0.0069	\$7.20		\$0.0070	\$7.30	\$0.0069	\$7.20		\$0.0070	\$7.30	\$0.0069	\$7.20		\$0.0070	\$7.30	\$0.0069	\$7.20	\$0.0070	\$7.30	\$0.0069	\$7.20	\$0.0069	\$7.20
30	RTSR Connection	\$0.0053	\$5.53	\$0.0053	\$5.53		\$0.0053	\$5.53	\$0.0053	\$5.53		\$0.0053	\$5.53	\$0.0053	\$5.53		\$0.0053	\$5.53	\$0.0053	\$5.53	\$0.0053	\$5.53	\$0.0053	\$5.53	\$0.0053	\$5.53
31	Subtotal		\$12.83		\$12.73	-\$0.10		\$12.83		\$12.73	-\$0.10		\$12.83		\$12.73	-\$0.10		\$12.83		\$12.83		\$12.83	-\$0.10		\$12.73	-\$0.10
32	% Change					-0.8%					-0.8%				-0.8%								-0.8%			-0.8%
33	REGULATORY																									
34	WMSR & RRRP	\$0.0060	\$6.26	\$0.0060	\$6.26		\$0.0060	\$6.26	\$0.0060	\$6.26		\$0.0060	\$6.26	\$0.0060	\$6.26		\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$7.00	\$0.0070	\$7.00		\$0.0070	\$7.00	\$0.0070	\$7.00		\$0.0070	\$7.00	\$0.0070	\$7.00		\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00
37	OESP	0	0	0	0		0	0	0	0		0	0	0		0	0	0	0	0	0	0	0	0	0	0
38	Subtotal		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51		\$13.51	\$0.00		\$13.51	\$0.00
39	% Change					0.0%					0.0%				0.0%							0.0%			0.0%	
40	Subtotal of Bill		\$172.47		\$169.04			\$172.47		\$169.04			\$172.87		\$169.04			\$179.97		\$169.04		\$179.97		\$169.04		\$169.04
41	HST		\$22.42		\$21.98			\$22.42		\$21.98			\$22.47		\$21.98			\$23.40		\$21.98		\$23.40		\$21.98		\$21.98
42	GRAND TOTAL		\$194.89		\$191.02	-\$3.87		\$194.89		\$191.02	-\$3.87		\$195.34		\$191.02	-\$4.32		\$203.36		\$191.02		\$191.02	-\$12.34		\$191.02	-\$12.34
43	% Change					-2.0%					-2.0%				-2.2%							-6.1%			-6.1%	
44	Non-RPP Customer																									
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0031	\$3.10	\$0.0000	\$0.00	\$0.0031	\$3.10	\$0.0000	\$0.00	\$0.0000	\$0.00
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.30	\$0.0000	\$0.00	-\$0.0003	-\$0.30	\$0.0000	\$0.00	\$0.0000	\$0.00
47	GA Disp (2016)	\$0.0034	\$3.40	\$0.0000	\$0.00		\$0.0034	\$3.40	\$0.0000	\$0.00		\$0.0034	\$3.40	\$0.0000	\$0.00		\$0.0034	\$3.40	\$0.0000	\$0.00	\$0.0034	\$3.40	\$0.0000	\$0.00	\$0.0000	\$0.00
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	\$0.00	-\$0.0013	-\$1.30		

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Residential

Line No.	Description	2016 CK Approved		2017 EPI Proposed			2016 SMP Approved		2017 EPI Proposed			2016 DUT Approved		2017 EPI Proposed			2016 NEW Approved		2017 EPI Proposed		
		Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change
1	kWh		2000		2000			2000		2000			2000		2000		2000		2000		2000
2	kW		0		0			0		0			0		0		0		0		0
3	Loss Factor		1.0431		1.0431			1.0431		1.0431			1.0431		1.0431		1.0431		1.0431		1.0431
4	kWh - Loss Adjusted		2086.2		2086.2			2086.2		2086.2			2086.2		2086.2		2086.2		2086.2		2086.2
5	ENERGY																				
6	Energy - Off Peak	\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07	\$0.087	\$113.07	
7	Energy - Mid Peak	\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00	\$0.132	\$45.00	
8	Energy - On Peak	\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71	\$0.180	\$64.71	
9	Subtotal		\$222.77		\$222.77	\$0.00		\$222.77		\$222.77	\$0.00		\$222.77		\$222.77	\$0.00		\$222.77		\$222.77	\$0.00
10	% Change					0.0%					0.0%					0.0%					0.0%
11	DISTRBUTION																				
12	Service Charge	\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03		\$18.98	\$18.98	\$21.03	\$21.03	
13	Stranded Meter	\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00		\$0.22	\$0.22	\$0.00	\$0.00	
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	
15	Distribution Losses	\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60	\$0.1114	\$9.60	
16	Distribution Volumetric Charge	\$0.0077	\$15.40	\$0.0052	\$10.40		\$0.0077	\$15.40	\$0.0052	\$10.40		\$0.0077	\$15.40	\$0.0052	\$10.40		\$0.0077	\$15.40	\$0.0052	\$10.40	
17	Low Voltage Rate	\$0.0017	\$3.40	\$0.0017	\$3.40		\$0.0017	\$3.40	\$0.0017	\$3.40		\$0.0017	\$3.40	\$0.0017	\$3.40		\$0.0017	\$3.40	\$0.0017	\$3.40	
18	LRAMVA Recovery	\$0.0002	\$0.40	\$0.0003	\$0.60		\$0.0002	\$0.40	\$0.0003	\$0.60		\$0.0002	\$0.40	\$0.0003	\$0.60		\$0.0002	\$0.40	\$0.0003	\$0.60	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.80	\$0.0000	\$0.00		\$0.0023	\$4.60	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0052	\$10.40	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0015	\$3.00	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00	\$0.0003	\$0.60	
24	Group Two Deferral Disp	\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00		\$0.2500	\$0.25	\$0.0000	\$0.00	
25	IFRS Disposition	-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40		-\$1.4000	-\$1.40	-\$1.4000	-\$1.40	
26	Subtotal		\$50.64		\$42.42	-\$8.22		\$50.64		\$42.42	-\$8.22		\$51.44		\$42.42	-\$9.02		\$65.64		\$42.42	-\$23.22
27	% Change					-16.2%					-16.2%					-17.5%					-35.4%
28	DELIVERY																				
29	RTSR Network	\$0.0070	\$14.60	\$0.0069	\$14.39		\$0.0070	\$14.60	\$0.0069	\$14.39		\$0.0070	\$14.60	\$0.0069	\$14.39		\$0.0070	\$14.60	\$0.0069	\$14.39	
30	RTSR Connection	\$0.0053	\$11.06	\$0.0053	\$11.06		\$0.0053	\$11.06	\$0.0053	\$11.06		\$0.0053	\$11.06	\$0.0053	\$11.06		\$0.0053	\$11.06	\$0.0053	\$11.06	
31	Subtotal		\$25.66		\$25.45	-\$0.21		\$25.66		\$25.45	-\$0.21		\$25.66		\$25.45	-\$0.21		\$25.66		\$25.45	-\$0.21
32	% Change					-0.8%					-0.8%					-0.8%					-0.8%
33	REGULATORY																				
34	WMSR & RRRP	\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52	\$0.0060	\$12.52	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00	\$0.0070	\$14.00	
37	OESP	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0	
38	Subtotal		\$26.77		\$26.77	\$0.00		\$26.77		\$26.77	\$0.00		\$26.77		\$26.77	\$0.00		\$26.77		\$26.77	\$0.00
39	% Change					0.0%					0.0%					0.0%					0.0%
40	Subtotal of Bill		\$325.84		\$317.42			\$325.84		\$317.42			\$326.64		\$317.42			\$340.84		\$317.42	
41	HST		\$42.36		\$41.26			\$42.36		\$41.26			\$42.46		\$41.26			\$44.31		\$41.26	
42	GRAND TOTAL		\$368.20		\$358.68	-\$9.52		\$368.20		\$358.68	-\$9.52		\$369.11		\$358.68	-\$10.43		\$385.15		\$358.68	-\$26.47
43	% Change					-2.6%					-2.6%					-2.8%					-6.9%
44	Non-RPP Customer																				
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0031	\$6.20	\$0.0000	\$0.00	
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.60	\$0.0000	\$0.00	
47	GA Disp (2016)	\$0.0034	\$6.80	\$0.0000	\$0.00		\$0.0034	\$6.80	\$0.0000	\$0.00		\$0.0034	\$6.80	\$0.0000	\$0.00		\$0.0034	\$6.80	\$0.0000	\$0.00	
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60	
49	Revised Subtotal		\$332.64		\$314.82			\$332.64		\$314.82			\$333.44		\$314.82			\$353.24		\$314.82	
50	HST		\$43.24		\$40.93			\$43.24		\$40.93			\$43.35		\$40.93			\$45.92		\$40.93	
51	GRAND TOTAL		\$375.89		\$355.74	-\$20.15		\$375.89		\$355.74	-\$20.15		\$376.79		\$355.74	-\$21.05		\$399.17		\$355.74	-\$43.42
52	% Change					-5.4%					-5.4%					-5.6%					-10.9%
53	Breakdown of Distribution																				
54	Entegrus Only		\$33.60		\$30.63	-\$2.97		\$33.60		\$30.63	-\$2.97		\$33.60		\$30.63	-\$2.97		\$33.60		\$30.63	-\$2.97
55	% Change					-8.8%					-8.8%					-8.8%					-8.8%
56	Pass Through Costs		\$17.04		\$11.79	-\$5.25		\$17.04		\$11.79	-\$5.25		\$17.84		\$11.79	-\$6.05		\$32.04		\$11.79	-\$20.25
57	% Change					-30.8%					-30.8%					-18.8%					-30.8%

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Line No.	Consumption	Type	2015 Final Rates by Rate Zone	2016 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)	2015 Final Rates by Rate Zone	2016 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)	2015 Final Rates by Rate Zone	2016 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)	2015 Final Rates by Rate Zone	2016 Proposed Rates Combined	\$ Increase (Decrease)	% Increase (Decrease)
1	Rate Zone		CK				SMP				Dutton				Newbury			
2	2,000 kWh (Typical)	RPP	\$383.08	\$374.31	-\$8.77	-2.29%	\$383.08	\$374.31	-\$8.77	-2.29%	\$383.98	\$374.31	-\$9.67	-2.52%	\$401.61	\$374.31	-\$27.30	-6.80%
3	1,000 kWh	RPP	\$210.74	\$205.03	-\$5.71	-2.71%	\$210.74	\$205.03	-\$5.71	-2.71%	\$211.19	\$205.03	-\$6.16	-2.92%	\$220.00	\$205.03	-\$14.98	-6.81%
4	5,000 kWh	RPP	\$900.09	\$882.16	-\$17.93	-1.99%	\$900.09	\$882.16	-\$17.93	-1.99%	\$902.35	\$882.16	-\$20.19	-2.24%	\$946.42	\$882.16	-\$64.26	-6.79%
5	10,000 kWh	RPP	\$1,761.79	\$1,728.57	-\$33.21	-1.89%	\$1,761.79	\$1,728.57	-\$33.21	-1.89%	\$1,766.31	\$1,728.57	-\$37.73	-2.14%	\$1,854.45	\$1,728.57	-\$125.87	-6.79%
6	15,000 kWh	RPP	\$2,623.48	\$2,574.99	-\$48.49	-1.85%	\$2,623.48	\$2,574.99	-\$48.49	-1.85%	\$2,630.26	\$2,574.99	-\$55.27	-2.10%	\$2,762.47	\$2,574.99	-\$187.48	-6.79%
7	2,000 kWh (Typical)	Non-RPP	\$390.99	\$369.34	-\$21.65	-5.54%	\$390.99	\$369.34	-\$21.65	-5.54%	\$410.65	\$369.34	-\$41.31	-10.06%	\$415.85	\$369.34	-\$46.51	-11.18%
8	1,000 kWh	Non-RPP	\$214.69	\$202.54	-\$12.15	-5.66%	\$214.69	\$202.54	-\$12.15	-5.66%	\$224.52	\$202.54	-\$21.98	-9.79%	\$227.12	\$202.54	-\$24.58	-10.82%
9	5,000 kWh	Non-RPP	\$919.87	\$869.73	-\$50.14	-5.45%	\$919.87	\$869.73	-\$50.14	-5.45%	\$969.02	\$869.73	-\$99.29	-10.25%	\$982.02	\$869.73	-\$112.29	-11.43%
10	10,000 kWh	Non-RPP	\$1,801.34	\$1,703.71	-\$97.62	-5.42%	\$1,801.34	\$1,703.71	-\$97.62	-5.42%	\$1,899.65	\$1,703.71	-\$195.93	-10.31%	\$1,925.64	\$1,703.71	-\$221.92	-11.52%
11	15,000 kWh	Non-RPP	\$2,682.81	\$2,537.70	-\$145.11	-5.41%	\$2,682.81	\$2,537.70	-\$145.11	-5.41%	\$2,830.27	\$2,537.70	-\$292.57	-10.34%	\$2,869.26	\$2,537.70	-\$331.56	-11.56%

Entegrus Powerlines Inc.
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Line No.	Description	2016 CK Approved		2017 EPI Proposed			2016 SMP Approved		2017 EPI Proposed			2016 DUT Approved		2017 EPI Proposed			2016 NEW Approved		2017 EPI Proposed				
		Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change		
1	kWh		2,000		2,000			2,000		2,000			2,000		2,000			2,000		2,000			
2	kW		-		-			-		-			-		-			-		-			
3	Loss Factor		1.0431		1.0431			1.0431		1.0431			1.0431		1.0431			1.0431		1.0431			
4	kWh - Loss Adjusted		2,086		2,086			2,086		2,086			2,086		2,086			2,086		2,086			
5	ENERGY																						
6	Energy - Off Peak	\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07	\$0.087	\$113.07		\$0.087	\$113.07
7	Energy - Mid Peak	\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00	\$0.132	\$45.00		\$0.132	\$45.00
8	Energy - On Peak	\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71	\$0.180	\$64.71		\$0.180	\$64.71
9	Subtotal		\$222.77		\$222.77	\$0.00		\$222.77		\$222.77	\$0.00		\$222.77		\$222.77	\$0.00		\$222.77		\$222.77	\$0.00		\$222.77
10	% Change					0.0%					0.0%					0.0%						0.0%	
11	DISTRIBUION																						
12	Service Charge	\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00
13	Stranded Meter	\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79
15	Distribution Losses	\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60	\$0.1114	\$9.60		\$0.1114	\$9.60
16	Distribution Volumetric Charge	\$0.0099	\$19.80	\$0.0101	\$20.20		\$0.0099	\$19.80	\$0.0101	\$20.20		\$0.0099	\$19.80	\$0.0101	\$20.20		\$0.0099	\$19.80	\$0.0101	\$20.20		\$0.0099	\$19.80
17	Low Voltage Rate	\$0.0015	\$3.00	\$0.0015	\$3.00		\$0.0015	\$3.00	\$0.0015	\$3.00		\$0.0015	\$3.00	\$0.0015	\$3.00		\$0.0015	\$3.00	\$0.0015	\$3.00		\$0.0015	\$3.00
18	LRAMVA Recovery	\$0.0007	\$1.40	\$0.0008	\$1.60		\$0.0007	\$1.40	\$0.0008	\$1.60		\$0.0007	\$1.40	\$0.0008	\$1.60		\$0.0007	\$1.40	\$0.0008	\$1.60		\$0.0007	\$1.40
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0004	\$0.80	\$0.0000	\$0.00		\$0.0023	\$4.60	\$0.0000	\$0.00		\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0059	\$11.80	\$0.0000	\$0.00		\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0015	\$3.00	\$0.0000	\$0.00		\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00	-\$0.0013	-\$2.60		\$0.0000	\$0.00
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00	\$0.0003	\$0.60		\$0.0000	\$0.00
24	Group Two Deferral Disp	\$0.0004	\$0.80	\$0.0000	\$0.00		\$0.0004	\$0.80	\$0.0000	\$0.00		\$0.0004	\$0.80	\$0.0000	\$0.00		\$0.0004	\$0.80	\$0.0000	\$0.00		\$0.0000	\$0.00
25	IFRS Disposition	-\$0.0022	-\$4.40	-\$0.0022	-\$4.40		-\$0.0022	-\$4.40	-\$0.0022	-\$4.40		-\$0.0022	-\$4.40	-\$0.0022	-\$4.40		-\$0.0022	-\$4.40	-\$0.0022	-\$4.40		-\$0.0022	-\$4.40
26	Subtotal		\$66.93		\$59.38	-\$7.55		\$66.93		\$59.38	-\$7.55		\$67.73		\$59.38	-\$8.35		\$83.33		\$59.38	-\$23.95		\$59.38
27	% Change					-11.3%					-11.3%					-12.3%						-28.7%	
28	DELIVERY																						
29	RTSR Network	\$0.0061	\$12.73	\$0.0060	\$12.52		\$0.0061	\$12.73	\$0.0060	\$12.52		\$0.0061	\$12.73	\$0.0060	\$12.52		\$0.0061	\$12.73	\$0.0060	\$12.52		\$0.0060	\$12.52
30	RTSR Connection	\$0.0047	\$9.81	\$0.0047	\$9.81		\$0.0047	\$9.81	\$0.0047	\$9.81		\$0.0047	\$9.81	\$0.0047	\$9.81		\$0.0047	\$9.81	\$0.0047	\$9.81		\$0.0047	\$9.81
31	Subtotal		\$22.53		\$22.32	-\$0.21		\$22.53		\$22.32	-\$0.21		\$22.53		\$22.32	-\$0.21		\$22.53		\$22.32	-\$0.21		\$22.32
32	% Change					-0.9%					-0.9%					-0.9%						-0.9%	
33	REGULATORY																						
34	WMSR & RRRP & OESP	\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52	\$0.0060	\$12.52		\$0.0060	\$12.52
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00	\$0.0070	\$14.00		\$0.0070	\$14.00
37	Subtotal		\$26.77		\$26.77	\$0.00		\$26.77		\$26.77	\$0.00		\$26.77		\$26.77	\$0.00		\$26.77		\$26.77	\$0.00		\$26.77
38	% Change					0.0%					0.0%					0.0%						0.0%	
39	Subtotal of Bill		\$339.00		\$331.25			\$339.00		\$331.25			\$339.80		\$331.25			\$355.40		\$331.25			\$331.25
40	HST		\$44.07		\$43.06			\$44.07		\$43.06			\$44.17		\$43.06			\$46.20		\$43.06			\$43.06
41	GRAND TOTAL		\$383.08		\$374.31	-\$8.77		\$383.08		\$374.31	-\$8.77		\$383.98		\$374.31	-\$9.67		\$401.61		\$374.31	-\$27.30		\$374.31
42	% Change					-2.3%					-2.3%					-2.5%						-6.8%	
43	Non-RPP Customer																						
44	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0083	\$16.60	\$0.0000	\$0.00		\$0.0031	\$6.20	\$0.0000	\$0.00		\$0.0000	\$0.00
45	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$0.60	\$0.0000	\$0.00		\$0.0000	\$0.00
46	GA Disp (2016)	\$0.0035	\$7.00	\$0.0000	\$0.00		\$0.0035	\$7.00	\$0.0000	\$0.00		\$0.0035	\$7.00	\$0.0000	\$0.00		\$0.0035	\$7.00	\$0.0000	\$0.00		\$0.0000	\$0.00
47	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0022	-\$4.40		\$0.0000	\$0.00	-\$0.0022	-\$4.40		\$0.0000	\$0.00	-\$0.0022	-\$4.40		\$0.0000	\$0.00	-\$0.0022	-\$4.40		\$0.0000	-\$4.40
48	Revised Subtotal		\$346.00		\$326.85			\$346.00		\$326.85			\$363.40		\$326.85			\$368.00		\$326.85			\$326.85
49	HST		\$44.98		\$42.49			\$44.98		\$42.49			\$47.24		\$42.49			\$47.84		\$42.49			\$42.49
50	GRAND TOTAL		\$390.99		\$369.34	-\$21.65		\$390.99		\$369.34	-\$21.65		\$410.65		\$369.34	-\$41.31		\$415.85		\$369.34	-\$46.51		\$369.34
51	% Change					-5.5%					-5.5%					-10.1%						-11.2%	
52	Breakdown of Distribution																						
53	Entegrus Only		\$49.74		\$47.99	-\$1.75		\$49.74		\$47.99	-\$1.75		\$49.74		\$47.99	-\$1.75		\$49.74		\$47.99	-\$1.75		\$47.99
54	% Change					-2.6%					-2.6%					-2.6%						-2.1%	
55	Pass Through Costs		\$17.19		\$11.39	-\$5.80		\$17.19		\$11.39	-\$5.80		\$17.99		\$11.39	-\$6.60		\$33.59		\$11.39	-\$22.20		\$11.39
56	% Change					-8.7%																	

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Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed				
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change		
1	kWh		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		
2	kW		-		-		-		-		-		-		-		-		-		-		-		-		
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		
4	kWh - Loss Adjusted		1,043		1,043		1,043		1,043		1,043		1,043		1,043		1,043		1,043		1,043		1,043		1,043		
5	ENERGY																										
6	Energy - Off Peak	\$0.087	\$56.53	\$0.087	\$56.53		\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	\$0.087	\$56.53	
7	Energy - Mid Peak	\$0.132	\$22.50	\$0.132	\$22.50		\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	\$0.132	\$22.50	
8	Energy - On Peak	\$0.180	\$32.36	\$0.180	\$32.36		\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	\$0.180	\$32.36	
9	Subtotal		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39	\$0.00		\$111.39		\$111.39	\$0.00	
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%		
11	DISTRIBUTION																										
12	Service Charge	\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	
13	Stranded Meter	\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	
15	Distribution Losses	\$0.1114	\$4.80	\$0.1114	\$4.80		\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	\$0.1114	\$4.80	
16	Distribution Volumetric Charge	\$0.0099	\$9.90	\$0.0101	\$10.10		\$0.0099	\$9.90	\$0.0101	\$10.10	\$0.0099	\$9.90	\$0.0101	\$10.10	\$0.0099	\$9.90	\$0.0101	\$10.10	\$0.0099	\$9.90	\$0.0101	\$10.10	\$0.0099	\$9.90	\$0.0101	\$10.10	
17	Low Voltage Rate	\$0.0015	\$1.50	\$0.0015	\$1.50		\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	\$0.0015	\$1.50	
18	LRAMVA Recovery	\$0.0007	\$0.70	\$0.0008	\$0.80		\$0.0007	\$0.70	\$0.0008	\$0.80	\$0.0007	\$0.70	\$0.0008	\$0.80	\$0.0007	\$0.70	\$0.0008	\$0.80	\$0.0007	\$0.70	\$0.0008	\$0.80	\$0.0007	\$0.70	\$0.0008	\$0.80	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0004	\$0.40	\$0.0000	\$0.00	\$0.00023	\$2.30	\$0.0000	\$0.00	\$0.00023	\$2.30	\$0.0000	\$0.00	\$0.00023	\$2.30	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00059	\$5.90	\$0.0000	\$0.00	\$0.00059	\$5.90	\$0.0000	\$0.00	\$0.00059	\$5.90	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$1.50	\$0.0000	\$0.00		\$0.0015	\$1.50	\$0.0000	\$0.00	\$0.0015	\$1.50	\$0.0000	\$0.00	\$0.0015	\$1.50	\$0.0000	\$0.00	\$0.0015	\$1.50	\$0.0000	\$0.00	\$0.0015	\$1.50	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$1.30		\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	\$0.00	-\$0.0013	-\$1.30	\$0.0000	\$0.00	-\$0.0013	-\$1.30	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$0.30		\$0.0000	\$0.00	\$0.0003	\$0.30	\$0.0000	\$0.00	\$0.0003	\$0.30	\$0.0000	\$0.00	\$0.0003	\$0.30	\$0.0000	\$0.00	\$0.0003	\$0.30	\$0.0000	\$0.00	\$0.0003	\$0.30	
24	Group Two Deferral Disp	\$0.0004	\$0.40	\$0.0000	\$0.00		\$0.0004	\$0.40	\$0.0000	\$0.00	\$0.0004	\$0.40	\$0.0000	\$0.00	\$0.0004	\$0.40	\$0.0000	\$0.00	\$0.0004	\$0.40	\$0.0000	\$0.00	\$0.0004	\$0.40	\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20		-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	-\$0.0022	-\$2.20	
26	Subtotal		\$50.33		\$45.38	-\$4.95		\$50.33		\$45.38	-\$4.95		\$50.73		\$45.38	-\$5.35		\$58.53		\$45.38	-\$13.15		\$58.53		\$45.38	-\$13.15	
27	% Change					-9.8%					-9.8%				-10.5%						-22.5%				-22.5%		
28	DELIVERY																										
29	RTSR Network	\$0.0061	\$6.36	\$0.0060	\$6.26		\$0.0061	\$6.36	\$0.0060	\$6.26	\$0.0061	\$6.36	\$0.0060	\$6.26	\$0.0061	\$6.36	\$0.0060	\$6.26	\$0.0061	\$6.36	\$0.0060	\$6.26	\$0.0061	\$6.36	\$0.0060	\$6.26	
30	RTSR Connection	\$0.0047	\$4.90	\$0.0047	\$4.90		\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	\$0.0047	\$4.90	
31	Subtotal		\$11.27		\$11.16	-\$0.10		\$11.27		\$11.16	-\$0.10		\$11.27		\$11.16	-\$0.10		\$11.27		\$11.16	-\$0.10		\$11.27		\$11.16	-\$0.10	
32	% Change					-0.9%					-0.9%					-0.9%										-0.9%	
33	REGULATORY																										
34	WMSR & RRRP & OESP	\$0.0060	\$6.26	\$0.0060	\$6.26		\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	\$0.0060	\$6.26	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$7.00	\$0.0070	\$7.00		\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	\$0.0070	\$7.00	
37	Subtotal		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51	\$0.00		\$13.51		\$13.51	\$0.00	
38	% Change					0.0%					0.0%					0.0%										0.0%	
39	Subtotal of Bill		\$186.49		\$181.44			\$186.49		\$181.44			\$186.89		\$181.44			\$194.69		\$181.44			\$194.69		\$181.44		
40	HST		\$24.24		\$23.59			\$24.24		\$23.59			\$24.30		\$23.59			\$25.31		\$23.59			\$25.31		\$23.59		
41	GRAND TOTAL		\$210.74		\$205.03	-\$5.71		\$210.74		\$205.03	-\$5.71		\$211.19		\$205.03	-\$6.16		\$220.00		\$205.03	-\$14.98		\$220.00		\$205.03	-\$14.98	
42	% Change					-2.7%					-2.7%					-2.9%										-6.8%	
43	Non-RPP Customer																										
44	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0083	\$8.30	\$0.0000	\$0.00	\$0.0031	\$3.10	\$0.0000	\$0.00	\$0.0031	\$3.10	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
45	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	-\$0.0003	-\$0.30	\$0.0000	\$0.00	-\$0.0003	-\$0.30	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
46	GA Disp (2016)	\$0.0035	\$3.50	\$0.0000	\$0.00		\$0.0035	\$3.50	\$0.0000	\$0.00	\$0.0035	\$3.50	\$0.0000	\$0.00	\$0.0035	\$3.50	\$0.0000	\$0.00	\$0.0035	\$3.50	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
47	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0022	-\$2.20		\$0.0000	\$0.00	-\$0.0022	-\$2.20	\$0.0000	\$0.00	-\$0.0022	-\$2.20	\$0.0000	\$0.00	-\$0.0022	-\$2.20	\$0.0000	\$0.00	-\$0.0022	-\$2.20	\$0.0000	\$0.00	-\$0.0022	-\$2.20	
48	Revised Subtotal		\$189.99		\$179.24			\$189.99		\$179.24			\$198.69		\$179.24			\$200.99		\$179.24			\$200.99		\$179.24		
49	HST																										

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -General Service < 50 kW

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed				
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change		
1	kWh		10,000		10,000		10,000		10,000		10,000		10,000		10,000		10,000		10,000		10,000		10,000		10,000		
2	kW		-		-		-		-		-		-		-		-		-		-		-		-		
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		
4	kWh - Loss Adjusted		10,431		10,431		10,431		10,431		10,431		10,431		10,431		10,431		10,431		10,431		10,431		10,431		
5	ENERGY																										
6	Energy - Off Peak	\$0.087	\$565.33	\$0.087	\$565.33		\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	\$0.087	\$565.33	
7	Energy - Mid Peak	\$0.132	\$224.98	\$0.132	\$224.98		\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	\$0.132	\$224.98	
8	Energy - On Peak	\$0.180	\$323.57	\$0.180	\$323.57		\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	\$0.180	\$323.57	
9	Subtotal		\$1,113.87		\$1,113.87	\$0.00		\$1,113.87		\$1,113.87	\$0.00		\$1,113.87		\$1,113.87	\$0.00		\$1,113.87		\$1,113.87	\$0.00		\$1,113.87		\$1,113.87	\$0.00	
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%		
11	DISTRIBUTION																										
12	Service Charge	\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	\$30.00	\$30.00	\$30.59	\$30.59	
13	Stranded Meter	\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	\$2.94	\$2.94	\$0.00	\$0.00	
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	\$0.79	
15	Distribution Losses	\$0.1114	\$48.01	\$0.1114	\$48.01		\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	\$0.1114	\$48.01	
16	Distribution Volumetric Charge	\$0.0099	\$99.00	\$0.0101	\$101.00		\$0.0099	\$99.00	\$0.0101	\$101.00	\$0.0099	\$99.00	\$0.0101	\$101.00	\$0.0099	\$99.00	\$0.0101	\$101.00	\$0.0099	\$99.00	\$0.0101	\$101.00	\$0.0099	\$99.00	\$0.0101	\$101.00	
17	Low Voltage Rate	\$0.0015	\$15.00	\$0.0015	\$15.00		\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	\$0.0015	\$15.00	
18	LRAMVA Recovery	\$0.0007	\$7.00	\$0.0008	\$8.00		\$0.0007	\$7.00	\$0.0008	\$8.00	\$0.0007	\$7.00	\$0.0008	\$8.00	\$0.0007	\$7.00	\$0.0008	\$8.00	\$0.0007	\$7.00	\$0.0008	\$8.00	\$0.0007	\$7.00	\$0.0008	\$8.00	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0004	\$4.00	\$0.0000	\$0.00	\$0.00023	\$23.00	\$0.0000	\$0.00	\$0.00023	\$23.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$15.00	\$0.0000	\$0.00		\$0.0015	\$15.00	\$0.0000	\$0.00	\$0.0015	\$15.00	\$0.0000	\$0.00	\$0.0015	\$15.00	\$0.0000	\$0.00	\$0.0015	\$15.00	\$0.0000	\$0.00	\$0.0015	\$15.00	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$13.00		\$0.0000	\$0.00	-\$0.0013	-\$13.00	\$0.0000	\$0.00	-\$0.0013	-\$13.00	\$0.0000	\$0.00	-\$0.0013	-\$13.00	\$0.0000	\$0.00	-\$0.0013	-\$13.00	\$0.0000	\$0.00	-\$0.0013	-\$13.00	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$3.00		\$0.0000	\$0.00	\$0.0003	\$3.00	\$0.0000	\$0.00	\$0.0003	\$3.00	\$0.0000	\$0.00	\$0.0003	\$3.00	\$0.0000	\$0.00	\$0.0003	\$3.00	\$0.0000	\$0.00	\$0.0003	\$3.00	
24	Group Two Deferral Disp	\$0.0004	\$4.00	\$0.0000	\$0.00		\$0.0004	\$4.00	\$0.0000	\$0.00	\$0.0004	\$4.00	\$0.0000	\$0.00	\$0.0004	\$4.00	\$0.0000	\$0.00	\$0.0004	\$4.00	\$0.0000	\$0.00	\$0.0004	\$4.00	\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00		-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	-\$0.0022	-\$22.00	
26	Subtotal		\$199.74		\$171.39	-\$28.35		\$199.74		\$171.39	-\$28.35		\$203.74		\$171.39	-\$32.35		\$281.74		\$171.39	-\$110.35		\$171.39		-\$110.35		
27	% Change					-14.2%					-14.2%					-15.9%									-39.2%		
28	DELIVERY																										
29	RTSR Network	\$0.0061	\$63.63	\$0.0060	\$62.59		\$0.0061	\$63.63	\$0.0060	\$62.59	\$0.0061	\$63.63	\$0.0060	\$62.59	\$0.0061	\$63.63	\$0.0060	\$62.59	\$0.0061	\$63.63	\$0.0060	\$62.59	\$0.0061	\$63.63	\$0.0060	\$62.59	
30	RTSR Connection	\$0.0047	\$49.03	\$0.0047	\$49.03		\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	\$0.0047	\$49.03	
31	Subtotal		\$112.65		\$111.61	-\$1.04		\$112.65		\$111.61	-\$1.04		\$112.65		\$111.61	-\$1.04		\$112.65		\$111.61	-\$1.04		\$112.65		\$111.61	-\$1.04	
32	% Change					-0.9%					-0.9%					-0.9%										-0.9%	
33	REGULATORY																										
34	WMSR & RRRP & OESP	\$0.0060	\$62.59	\$0.0060	\$62.59		\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	\$0.0060	\$62.59	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$70.00	\$0.0070	\$70.00		\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	\$0.0070	\$70.00	
37	Subtotal		\$132.84		\$132.84	\$0.00		\$132.84		\$132.84	\$0.00		\$132.84		\$132.84	\$0.00		\$132.84		\$132.84	\$0.00		\$132.84		\$132.84	\$0.00	
38	% Change					0.0%					0.0%					0.0%										0.0%	
39	Subtotal of Bill		\$1,559.10		\$1,529.71			\$1,559.10		\$1,529.71			\$1,563.10		\$1,529.71			\$1,641.10		\$1,529.71		\$1,529.71		\$1,529.71		\$1,529.71	
40	HST		\$202.68		\$198.86			\$202.68		\$198.86			\$203.20		\$198.86			\$213.34		\$198.86		\$198.86		\$198.86		\$198.86	
41	GRAND TOTAL		\$1,761.79		\$1,728.57	-\$33.21		\$1,761.79		\$1,728.57	-\$33.21		\$1,766.31		\$1,728.57	-\$37.73		\$1,854.45		\$1,728.57	-\$125.87		\$1,728.57		-\$125.87		
42	% Change					-1.9%					-1.9%					-2.1%										-6.8%	
43	Non-RPP Customer																										
44	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0083	\$83.00	\$0.0000	\$0.00	\$0.0031	\$31.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
45	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	-\$0.0003	-\$3.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	
46	GA Disp (2016)	\$0.0035	\$35.00	\$0.0000	\$0.00		\$0.0035	\$35.00	\$0.0000	\$0.00	\$0.0035	\$35.00	\$0.0000	\$0.00	\$0.0035	\$35.00	\$0.0000	\$0.00	\$0.0035	\$35.00	\$0.0000	\$0.00	\$0.0035	\$35.00	\$0.0000	\$0.00	
47	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0022	-\$22.00		\$0.0000	\$0.00	-\$0.0022	-\$22.00	\$0.0000	\$0.00	-\$0.0022	-\$22.00	\$0.0000	\$0.00	-\$0.0022	-\$22.00	\$0.0000	\$0.00	-\$0.0022	-\$22.00	\$0.0				

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -General Service < 50 kW

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed			
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	
1	kWh		15,000		15,000		15,000		15,000		15,000		15,000		15,000		15,000		15,000		15,000		15,000		15,000	
2	kW		-		-		-		-		-		-		-		-		-		-		-		-	
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431	
4	kWh - Loss Adjusted		15,647		15,647		15,647		15,647		15,647		15,647		15,647		15,647		15,647		15,647		15,647		15,647	
5	ENERGY																									
6	Energy - Off Peak	\$0.087	\$847.99	\$0.087	\$847.99		\$0.087	\$847.99	\$0.087	\$847.99		\$0.087	\$847.99	\$0.087	\$847.99		\$0.087	\$847.99	\$0.087	\$847.99		\$0.087	\$847.99	\$0.087	\$847.99	
7	Energy - Mid Peak	\$0.132	\$337.47	\$0.132	\$337.47		\$0.132	\$337.47	\$0.132	\$337.47		\$0.132	\$337.47	\$0.132	\$337.47		\$0.132	\$337.47	\$0.132	\$337.47		\$0.132	\$337.47	\$0.132	\$337.47	
8	Energy - On Peak	\$0.180	\$485.35	\$0.180	\$485.35		\$0.180	\$485.35	\$0.180	\$485.35		\$0.180	\$485.35	\$0.180	\$485.35		\$0.180	\$485.35	\$0.180	\$485.35		\$0.180	\$485.35	\$0.180	\$485.35	
9	Subtotal		\$1,670.81		\$1,670.81	\$0.00		\$1,670.81		\$1,670.81	\$0.00		\$1,670.81		\$1,670.81	\$0.00		\$1,670.81		\$1,670.81	\$0.00		\$1,670.81	\$0.00		\$1,670.81
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%	
11	DISTRIBUTION																									
12	Service Charge	\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59		\$30.00	\$30.00	\$30.59	\$30.59	
13	Stranded Meter	\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00		\$2.94	\$2.94	\$0.00	\$0.00	
14	SME Charge	\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79		\$0.79	\$0.79	\$0.79	\$0.79	
15	Distribution Losses	\$0.1114	\$72.01	\$0.1114	\$72.01		\$0.1114	\$72.01	\$0.1114	\$72.01		\$0.1114	\$72.01	\$0.1114	\$72.01		\$0.1114	\$72.01	\$0.1114	\$72.01		\$0.1114	\$72.01	\$0.1114	\$72.01	
16	Distribution Volumetric Charge	\$0.0099	\$148.50	\$0.0101	\$151.50		\$0.0099	\$148.50	\$0.0101	\$151.50		\$0.0099	\$148.50	\$0.0101	\$151.50		\$0.0099	\$148.50	\$0.0101	\$151.50		\$0.0099	\$148.50	\$0.0101	\$151.50	
17	Low Voltage Rate	\$0.0015	\$22.50	\$0.0015	\$22.50		\$0.0015	\$22.50	\$0.0015	\$22.50		\$0.0015	\$22.50	\$0.0015	\$22.50		\$0.0015	\$22.50	\$0.0015	\$22.50		\$0.0015	\$22.50	\$0.0015	\$22.50	
18	LRAMVA Recovery	\$0.0007	\$10.50	\$0.0008	\$12.00		\$0.0007	\$10.50	\$0.0008	\$12.00		\$0.0007	\$10.50	\$0.0008	\$12.00		\$0.0007	\$10.50	\$0.0008	\$12.00		\$0.0007	\$10.50	\$0.0008	\$12.00	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0023	\$34.50	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0059	\$88.50	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$22.50	\$0.0000	\$0.00		\$0.0015	\$22.50	\$0.0000	\$0.00		\$0.0015	\$22.50	\$0.0000	\$0.00		\$0.0015	\$22.50	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$19.50		\$0.0000	\$0.00	-\$0.0013	-\$19.50		\$0.0000	\$0.00	-\$0.0013	-\$19.50		\$0.0000	\$0.00	-\$0.0013	-\$19.50		\$0.0000	\$0.00	-\$0.0013	-\$19.50	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0003	\$4.50		\$0.0000	\$0.00	\$0.0003	\$4.50		\$0.0000	\$0.00	\$0.0003	\$4.50		\$0.0000	\$0.00	\$0.0003	\$4.50		\$0.0000	\$0.00	\$0.0003	\$4.50	
24	Group Two Deferral Disp	\$0.0004	\$6.00	\$0.0000	\$0.00		\$0.0004	\$6.00	\$0.0000	\$0.00		\$0.0004	\$6.00	\$0.0000	\$0.00		\$0.0004	\$6.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.0022	-\$33.00	-\$0.0022	-\$33.00		-\$0.0022	-\$33.00	-\$0.0022	-\$33.00		-\$0.0022	-\$33.00	-\$0.0022	-\$33.00		-\$0.0022	-\$33.00	-\$0.0022	-\$33.00		-\$0.0022	-\$33.00	-\$0.0022	-\$33.00	
26	Subtotal		\$282.74		\$241.39	-\$41.35		\$282.74		\$241.39	-\$41.35		\$282.74		\$241.39	-\$41.35		\$282.74		\$241.39	-\$41.35		\$282.74		\$241.39	-\$41.35
27	% Change					-14.6%					-14.6%					-14.6%					-14.6%				-14.6%	
28	DELIVERY																									
29	RTSR Network	\$0.0061	\$95.44	\$0.0060	\$93.88		\$0.0061	\$95.44	\$0.0060	\$93.88		\$0.0061	\$95.44	\$0.0060	\$93.88		\$0.0061	\$95.44	\$0.0060	\$93.88		\$0.0061	\$95.44	\$0.0060	\$93.88	
30	RTSR Connection	\$0.0047	\$73.54	\$0.0047	\$73.54		\$0.0047	\$73.54	\$0.0047	\$73.54		\$0.0047	\$73.54	\$0.0047	\$73.54		\$0.0047	\$73.54	\$0.0047	\$73.54		\$0.0047	\$73.54	\$0.0047	\$73.54	
31	Subtotal		\$168.98		\$167.42	-\$1.56		\$168.98		\$167.42	-\$1.56		\$168.98		\$167.42	-\$1.56		\$168.98		\$167.42	-\$1.56		\$168.98		\$167.42	-\$1.56
32	% Change					-0.9%					-0.9%					-0.9%					-0.9%				-0.9%	
33	REGULATORY																									
34	WMSR & RRRP & OESP	\$0.0060	\$93.88	\$0.0060	\$93.88		\$0.0060	\$93.88	\$0.0060	\$93.88		\$0.0060	\$93.88	\$0.0060	\$93.88		\$0.0060	\$93.88	\$0.0060	\$93.88		\$0.0060	\$93.88	\$0.0060	\$93.88	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$105.00	\$0.0070	\$105.00		\$0.0070	\$105.00	\$0.0070	\$105.00		\$0.0070	\$105.00	\$0.0070	\$105.00		\$0.0070	\$105.00	\$0.0070	\$105.00		\$0.0070	\$105.00	\$0.0070	\$105.00	
37	Subtotal		\$199.13		\$199.13	\$0.00		\$199.13		\$199.13	\$0.00		\$199.13		\$199.13	\$0.00		\$199.13		\$199.13	\$0.00		\$199.13		\$199.13	\$0.00
38	% Change					0.0%					0.0%					0.0%					0.0%				0.0%	
39	Subtotal of Bill		\$2,321.67		\$2,278.75			\$2,321.67		\$2,278.75			\$2,321.67		\$2,278.75			\$2,321.67		\$2,278.75			\$2,444.67		\$2,278.75	
40	HST		\$301.82		\$296.24			\$301.82		\$296.24			\$302.60		\$296.24			\$317.81		\$296.24			\$317.81		\$296.24	
41	GRAND TOTAL		\$2,623.48		\$2,574.99	-\$48.49		\$2,623.48		\$2,574.99	-\$48.49		\$2,630.26		\$2,574.99	-\$55.27		\$2,762.47		\$2,574.99	-\$187.48		\$2,762.47		\$2,574.99	-\$187.48
42	% Change					-1.8%					-1.8%				-2.1%						-6.8%				-6.8%	
43	Non-RPP Customer																									
44	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0083	\$124.50	\$0.0000	\$0.00		\$0.0031	\$46.50	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
45	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0003	-\$4.50	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
46	GA Disp (2016)	\$0.0035	\$52.50	\$0.0000	\$0.00		\$0.0035	\$52.50	\$0.0000	\$0.00		\$0.0035	\$52.50	\$0.0000	\$0.00		\$0.0035	\$52.50	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
47	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0022	-\$33.00		\$0.0000	\$0.00	-\$0.0022	-\$33.00		\$0.0000	\$0.00	-\$0.0022	-\$33.00		\$0.0000	\$0.00	-\$0.0022	-\$33.00		\$0.0000	\$0.00	-\$0.0022	-\$33.00	
48	Revised Subtotal		\$2,374.17		\$2,245.75			\$2,374.17		\$2,245.75			\$2,504.67		\$2,245.75			\$2,539.17		\$2,245.75			\$2,539.17		\$2,245.75	
49	HST		\$308.64		\$291.95			\$308.64		\$291.95			\$325.61		\$291.95			\$330.09		\$291.95			\$330.09		\$291.95	
50	GRAND TOTAL		\$2,682.81		\$2,537.70	-\$145.11		\$2,682.81		\$2,537.70	-\$145.11		\$2,830.27		\$2,537.70	-\$292.57		\$2,869.26		\$2,537.70	-\$331.56		\$2,869.26		\$2,537.70	-\$331.56

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -General Service > 50 - 4,999 kW

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed		
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change
1	kWh		162,500		162,500		162,500		162,500		162,500		162,500		162,500		162,500		162,500		162,500		162,500		162,500
2	kW		500		500		500		500		500		500		500		500		500		500		500		500
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431
4	kWh - Loss Adjusted		169,504		169,504		169,504		169,504		169,504		169,504		169,504		169,504		169,504		169,504		169,504		169,504
5	ENERGY																								
6	Energy - Off Peak	\$0.087	\$9,186.55		\$0.087	\$9,186.55		\$0.087	\$9,186.55		\$0.087	\$9,186.55		\$0.087	\$9,186.55		\$0.087	\$9,186.55		\$0.087	\$9,186.55		\$0.087	\$9,186.55	
7	Energy - Mid Peak	\$0.132	\$3,655.93		\$0.132	\$3,655.93		\$0.132	\$3,655.93		\$0.132	\$3,655.93		\$0.132	\$3,655.93		\$0.132	\$3,655.93		\$0.132	\$3,655.93		\$0.132	\$3,655.93	
8	Energy - On Peak	\$0.180	\$5,257.99		\$0.180	\$5,257.99		\$0.180	\$5,257.99		\$0.180	\$5,257.99		\$0.180	\$5,257.99		\$0.180	\$5,257.99		\$0.180	\$5,257.99		\$0.180	\$5,257.99	
9	Subtotal		\$18,100.47		\$18,100.47	\$0.00		\$18,100.47		\$18,100.47	\$0.00		\$18,100.47		\$18,100.47	\$0.00		\$18,100.47		\$18,100.47	\$0.00		\$18,100.47	\$0.00	
10	% Change					0.0%					0.0%					0.0%									0.0%
11	DISTRIBUTION																								
12	Service Charge	\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17	
13	Stranded Meter	\$13.35	\$13.35		\$0.00	\$0.00		\$13.35	\$13.35		\$0.00	\$0.00		\$13.35	\$13.35		\$0.00	\$0.00		\$13.35	\$13.35		\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$780.13		\$0.1114	\$780.13		\$0.1114	\$780.13		\$0.1114	\$780.13		\$0.1114	\$780.13		\$0.1114	\$780.13		\$0.1114	\$780.13		\$0.1114	\$780.13	
16	Distribution Volumetric Charge	\$3.2218	\$1,610.90		\$3.2846	\$1,642.30		\$3.2218	\$1,610.90		\$3.2846	\$1,642.30		\$3.2218	\$1,610.90		\$3.2846	\$1,642.30		\$3.2218	\$1,610.90		\$3.2846	\$1,642.30	
17	Low Voltage Rate	\$0.6201	\$310.05		\$0.6201	\$310.05		\$0.6201	\$310.05		\$0.6201	\$310.05		\$0.6201	\$310.05		\$0.6201	\$310.05		\$0.6201	\$310.05		\$0.6201	\$310.05	
18	LRAMVA Recovery	\$0.0563	\$28.15		\$0.0807	\$40.35		\$0.0563	\$28.15		\$0.0807	\$40.35		\$0.0563	\$28.15		\$0.0807	\$40.35		\$0.0563	\$28.15		\$0.0807	\$40.35	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.8703	\$435.15		\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$1.6790	\$839.50		\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.5794	\$289.70		\$0.0000	\$0.00		\$0.5794	\$289.70		\$0.0000	\$0.00		\$0.5794	\$289.70		\$0.0000	\$0.00		\$0.5794	\$289.70		\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00		\$0.3650	\$182.50		\$0.0000	\$0.00		\$0.3650	\$182.50		\$0.0000	\$0.00		\$0.3650	\$182.50		\$0.0000	\$0.00		\$0.3650	\$182.50	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00		\$0.1166	\$58.30		\$0.0000	\$0.00		\$0.1166	\$58.30		\$0.0000	\$0.00		\$0.1166	\$58.30		\$0.0000	\$0.00		\$0.1166	\$58.30	
24	Group Two Deferral Disp	\$0.1454	\$72.70		\$0.0000	\$0.00		\$0.1454	\$72.70		\$0.0000	\$0.00		\$0.1454	\$72.70		\$0.0000	\$0.00		\$0.1454	\$72.70		\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.8185	-\$409.25		-\$0.8185	-\$409.25		-\$0.8185	-\$409.25		-\$0.8185	-\$409.25		-\$0.8185	-\$409.25		-\$0.8185	-\$409.25		-\$0.8185	-\$409.25		-\$0.8185	-\$409.25	
26	Subtotal		\$2,793.00		\$2,703.55	-\$89.45		\$2,793.00		\$2,703.55	-\$89.45		\$2,793.00		\$2,703.55	-\$89.45		\$4,067.65		\$2,703.55		\$2,703.55		\$2,703.55	-\$1,364.10
27	% Change					-3.2%					-3.2%														-33.5%
28	DELIVERY																								
29	RTSR Network	\$2.6640	\$1,332.00		\$2.6311	\$1,315.55		\$2.6640	\$1,332.00		\$2.6311	\$1,315.55		\$2.6640	\$1,332.00		\$2.6311	\$1,315.55		\$2.6640	\$1,332.00		\$2.6311	\$1,315.55	
30	RTSR Connection	\$1.9890	\$994.50		\$1.9709	\$985.45		\$1.9890	\$994.50		\$1.9709	\$985.45		\$1.9890	\$994.50		\$1.9709	\$985.45		\$1.9890	\$994.50		\$1.9709	\$985.45	
31	Subtotal		\$2,326.50		\$2,301.00	-\$25.50		\$2,326.50		\$2,301.00	-\$25.50		\$2,326.50		\$2,301.00	-\$25.50		\$2,326.50		\$2,301.00		\$2,301.00		\$2,301.00	-\$25.50
32	% Change					-1.1%					-1.1%														-1.1%
33	REGULATORY																								
34	WMSR & RRRP & OESP	\$0.0060	\$1,017.02		\$0.0060	\$1,017.02		\$0.0060	\$1,017.02		\$0.0060	\$1,017.02		\$0.0060	\$1,017.02		\$0.0060	\$1,017.02		\$0.0060	\$1,017.02		\$0.0060	\$1,017.02	
35	SSS	\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$1,137.50		\$0.0070	\$1,137.50		\$0.0070	\$1,137.50		\$0.0070	\$1,137.50		\$0.0070	\$1,137.50		\$0.0070	\$1,137.50		\$0.0070	\$1,137.50		\$0.0070	\$1,137.50	
37	Subtotal		\$2,154.77		\$2,154.77	\$0.00		\$2,154.77		\$2,154.77	\$0.00		\$2,154.77		\$2,154.77	\$0.00		\$2,154.77		\$2,154.77		\$2,154.77		\$2,154.77	\$0.00
38	% Change					0.0%					0.0%					0.0%									0.0%
39	Subtotal of Bill		\$25,374.74		\$25,259.79			\$25,374.74		\$25,259.79			\$25,374.74		\$25,259.79			\$26,649.39		\$25,259.79		\$25,259.79		\$25,259.79	
40	HST		\$3,298.72		\$3,283.77			\$3,298.72		\$3,283.77			\$3,298.72		\$3,283.77			\$3,464.42		\$3,283.77		\$3,283.77		\$3,283.77	
41	GRAND TOTAL		\$28,673.45		\$28,543.56	-\$129.89		\$28,673.45		\$28,543.56	-\$129.89		\$28,673.45		\$28,543.56	-\$129.89		\$30,113.81		\$28,543.56		\$28,543.56		\$28,543.56	-\$1,570.25
42	% Change					-0.5%					-0.5%														-5.2%
43	Non-RPP Customer																								
44	GA Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$1.1795	\$589.75		\$0.0000	\$0.00	
45	GA Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		-\$0.1012	-\$50.60		\$0.0000	\$0.00	
46	GA Disp (2016)	\$1.3567	\$678.35		\$0.0000	\$0.00		\$1.3567	\$678.35		\$0.0000	\$0.00		\$1.3567	\$678.35		\$0.0000	\$0.00		\$1.3567	\$678.35		\$0.0000	\$0.00	
47	GA Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$211.25		\$0.0000	\$0.00		-\$0.0013	-\$211.25		\$0.0000	\$0.00		-\$0.0013	-\$211.25		\$0.0000	\$0.00		-\$0.0013	-\$211.25	
48	Revised Subtotal		\$26,053.09		\$25,048.54			\$26,053.09		\$25,048.54			\$26,053.09		\$25,048.54			\$27,866.89		\$25,048.54		\$25,048.54		\$25,048.54	
49	HST		\$3,386.90		\$3,256.31			\$3,386.90		\$3,256.31			\$3,386.90		\$3,256.31			\$3,622.70		\$3,256.31		\$3,256.31		\$3,256.31	
50	GRAND TOTAL		\$29,439.99		\$28,304.85	-\$1,135.14		\$29,439.99		\$28,304.85	-\$1,135.14		\$29,439.99		\$28,304.85	-\$1,135.14		\$31,489.58		\$28,304.85		\$28,304.85		\$28,304.85	-\$3,184.74
51	% Change					-3.9%					-3.9%														-10.1%
52	Breakdown of Distribution																								
53	Entegris Only		\$2,1																						

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -General Service > 50 - 4,999 kW

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed					
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change			
1	kWh		19,500		19,500		19,500		19,500		19,500		19,500		19,500		19,500		19,500		19,500		19,500		19,500			
2	kW		60		60		60		60		60		60		60		60		60		60		60		60			
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431			
4	kWh - Loss Adjusted		20,340		20,340		20,340		20,340		20,340		20,340		20,340		20,340		20,340		20,340		20,340		20,340			
5	ENERGY																											
6	Energy - Off Peak	\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39		\$0.087	\$1,102.39	
7	Energy - Mid Peak	\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71		\$0.132	\$438.71	
8	Energy - On Peak	\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96		\$0.180	\$630.96	
9	Subtotal		\$2,172.06		\$2,172.06	\$0.00		\$2,172.06		\$2,172.06	\$0.00		\$2,172.06		\$2,172.06	\$0.00		\$2,172.06		\$2,172.06	\$0.00		\$2,172.06		\$2,172.06	\$0.00		
10	% Change					0.0%					0.0%					0.0%										0.0%		
11	DISTRIBUTION																											
12	Service Charge	\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27	
13	Stranded Meter	\$13.35	\$13.35	\$0.00	\$0.00	\$0.00	\$13.35	\$13.35	\$0.00	\$0.00	\$0.00	\$0.00	\$13.35	\$13.35	\$0.00	\$0.00	\$0.00	\$13.35	\$13.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$93.62	\$0.1114	\$93.62	\$0.00	\$0.1114	\$93.62	\$0.1114	\$93.62	\$0.00	\$0.1114	\$93.62	\$0.1114	\$93.62	\$0.00	\$0.1114	\$93.62	\$0.1114	\$93.62	\$0.1114	\$93.62	\$0.00	\$0.1114	\$93.62	\$0.1114	\$93.62	
16	Distribution Volumetric Charge	\$3.2218	\$193.31	\$3.2846	\$197.08	\$0.00	\$3.2218	\$193.31	\$3.2846	\$197.08	\$0.00	\$3.2218	\$193.31	\$3.2846	\$197.08	\$0.00	\$3.2218	\$193.31	\$3.2846	\$197.08	\$0.00	\$3.2218	\$193.31	\$3.2846	\$197.08	\$0.00	\$3.2218	\$193.31
17	Low Voltage Rate	\$0.6201	\$37.21	\$0.6201	\$37.21	\$0.00	\$0.6201	\$37.21	\$0.6201	\$37.21	\$0.00	\$0.6201	\$37.21	\$0.6201	\$37.21	\$0.00	\$0.6201	\$37.21	\$0.6201	\$37.21	\$0.00	\$0.6201	\$37.21	\$0.6201	\$37.21	\$0.00	\$0.6201	\$37.21
18	LRAMVA Recovery	\$0.0563	\$3.38	\$0.0807	\$4.84	\$0.00	\$0.0563	\$3.38	\$0.0807	\$4.84	\$0.00	\$0.0563	\$3.38	\$0.0807	\$4.84	\$0.00	\$0.0563	\$3.38	\$0.0807	\$4.84	\$0.00	\$0.0563	\$3.38	\$0.0807	\$4.84	\$0.00	\$0.0563	\$3.38
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.5794	\$34.76	\$0.0000	\$0.00	\$0.00	\$0.5794	\$34.76	\$0.0000	\$0.00	\$0.00	\$0.5794	\$34.76	\$0.0000	\$0.00	\$0.00	\$0.5794	\$34.76	\$0.0000	\$0.00	\$0.00	\$0.5794	\$34.76	\$0.0000	\$0.00	\$0.00	\$0.5794	\$34.76
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	\$0.3650	\$21.90	\$0.00	\$0.0000	\$0.00	\$0.3650	\$21.90	\$0.00	\$0.0000	\$0.00	\$0.3650	\$21.90	\$0.00	\$0.0000	\$0.00	\$0.3650	\$21.90	\$0.00	\$0.0000	\$0.00	\$0.3650	\$21.90	\$0.00	\$0.0000	\$0.00
23	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.1166	\$7.00	\$0.00	\$0.0000	\$0.00	\$0.1166	\$7.00	\$0.00	\$0.0000	\$0.00	\$0.1166	\$7.00	\$0.00	\$0.0000	\$0.00	\$0.1166	\$7.00	\$0.00	\$0.0000	\$0.00	\$0.1166	\$7.00	\$0.00	\$0.0000	\$0.00
24	Group Two Deferral Disp	\$0.1454	\$8.72	\$0.0000	\$0.00	\$0.00	\$0.1454	\$8.72	\$0.0000	\$0.00	\$0.00	\$0.1454	\$8.72	\$0.0000	\$0.00	\$0.00	\$0.1454	\$8.72	\$0.0000	\$0.00	\$0.00	\$0.1454	\$8.72	\$0.0000	\$0.00	\$0.00	\$0.1454	\$8.72
25	IFRS Disposition	-\$0.8185	-\$49.11	-\$0.8185	-\$49.11	\$0.00	-\$0.8185	-\$49.11	-\$0.8185	-\$49.11	\$0.00	-\$0.8185	-\$49.11	-\$0.8185	-\$49.11	\$0.00	-\$0.8185	-\$49.11	-\$0.8185	-\$49.11	\$0.00	-\$0.8185	-\$49.11	-\$0.8185	-\$49.11	\$0.00	-\$0.8185	-\$49.11
26	Subtotal		\$432.51		\$411.70	-\$20.81		\$432.51		\$411.70	-\$20.81		\$432.51		\$411.70	-\$20.81		\$432.51		\$411.70	-\$20.81		\$432.51		\$411.70	-\$20.81		\$432.51
27	% Change					-4.8%					-4.8%					-4.8%												
28	DELIVERY																											
29	RTSR Network	\$2.6640	\$159.84	\$2.6311	\$157.87	\$0.00	\$2.6640	\$159.84	\$2.6311	\$157.87	\$0.00	\$2.6640	\$159.84	\$2.6311	\$157.87	\$0.00	\$2.6640	\$159.84	\$2.6311	\$157.87	\$0.00	\$2.6640	\$159.84	\$2.6311	\$157.87	\$0.00	\$2.6640	\$159.84
30	RTSR Connection	\$1.9890	\$119.34	\$1.9709	\$118.25	\$0.00	\$1.9890	\$119.34	\$1.9709	\$118.25	\$0.00	\$1.9890	\$119.34	\$1.9709	\$118.25	\$0.00	\$1.9890	\$119.34	\$1.9709	\$118.25	\$0.00	\$1.9890	\$119.34	\$1.9709	\$118.25	\$0.00	\$1.9890	\$119.34
31	Subtotal		\$279.18		\$276.12	-\$3.06		\$279.18		\$276.12	-\$3.06		\$279.18		\$276.12	-\$3.06		\$279.18		\$276.12	-\$3.06		\$279.18		\$276.12	-\$3.06		\$279.18
32	% Change					-1.1%					-1.1%					-1.1%												
33	REGULATORY																											
34	WMSR & RRRP & OESP	\$0.0060	\$122.04	\$0.0060	\$122.04	\$0.00	\$0.0060	\$122.04	\$0.0060	\$122.04	\$0.00	\$0.0060	\$122.04	\$0.0060	\$122.04	\$0.00	\$0.0060	\$122.04	\$0.0060	\$122.04	\$0.00	\$0.0060	\$122.04	\$0.0060	\$122.04	\$0.00	\$0.0060	\$122.04
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.00	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.00	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.00	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.00	\$0.2500	\$0.25	\$0.2500	\$0.25	\$0.00	\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$136.50	\$0.0070	\$136.50	\$0.00	\$0.0070	\$136.50	\$0.0070	\$136.50	\$0.00	\$0.0070	\$136.50	\$0.0070	\$136.50	\$0.00	\$0.0070	\$136.50	\$0.0070	\$136.50	\$0.00	\$0.0070	\$136.50	\$0.0070	\$136.50	\$0.00	\$0.0070	\$136.50
37	Subtotal		\$258.79		\$258.79	\$0.00		\$258.79		\$258.79	\$0.00		\$258.79		\$258.79	\$0.00		\$258.79		\$258.79	\$0.00		\$258.79		\$258.79	\$0.00		\$258.79
38	% Change					0.0%					0.0%					0.0%												
39	Subtotal of Bill		\$3,142.53		\$3,118.66	-\$23.87		\$3,142.53		\$3,118.66	-\$23.87		\$3,142.53		\$3,118.66	-\$23.87		\$3,142.53		\$3,118.66	-\$23.87		\$3,142.53		\$3,118.66	-\$23.87		\$3,142.53
40	HST		\$408.53		\$405.43	\$0.00		\$408.53		\$405.43	\$0.00		\$408.53		\$405.43	\$0.00		\$408.53		\$405.43	\$0.00		\$408.53		\$405.43	\$0.00		\$408.53
41	GRAND TOTAL		\$3,551.06		\$3,524.09	-\$26.97		\$3,551.06		\$3,524.09	-\$26.97		\$3,551.06		\$3,524.09	-\$26.97		\$3,551.06		\$3,524.09	-\$26.97		\$3,551.06		\$3,524.09	-\$26.97		\$3,551.06
42	% Change					-0.8%					-0.8%					-0.8%												
43	Non-RPP Customer																											
44	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.00	\$0.0000	\$0.00	\$0.0000	\$0.00	\$0.							

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -General Service > 50 - 4,999 kW

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed					
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change			
1	kWh		32,500		32,500			32,500		32,500			32,500		32,500			32,500		32,500			32,500		32,500			
2	kW		100		100			100		100			100		100			100		100			100		100			
3	Loss Factor		1.0431		1.0431			1.0431		1.0431			1.0431		1.0431			1.0431		1.0431			1.0431		1.0431			
4	kWh - Loss Adjusted		33,901		33,901			33,901		33,901			33,901		33,901			33,901		33,901			33,901		33,901			
5	ENERGY																											
6	Energy - Off Peak	\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31		\$0.087	\$1,837.31	
7	Energy - Mid Peak	\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19		\$0.132	\$731.19	
8	Energy - On Peak	\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60		\$0.180	\$1,051.60	
9	Subtotal		\$3,620.09		\$3,620.09	\$0.00		\$3,620.09		\$3,620.09	\$0.00		\$3,620.09		\$3,620.09	\$0.00		\$3,620.09		\$3,620.09	\$0.00		\$3,620.09		\$3,620.09	\$0.00		
10	% Change					0.0%					0.0%					0.0%									0.0%			
11	DISTRIBUTION																											
12	Service Charge	\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27	
13	Stranded Meter	\$13.35	\$13.35	\$0.00	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00	\$0.00		\$13.35	\$13.35	
14	SME Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00
15	Distribution Losses	\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03		\$0.1114	\$156.03	
16	Distribution Volumetric Charge	\$3.2218	\$322.18		\$3.2846	\$328.46		\$3.2218	\$322.18		\$3.2846	\$328.46		\$3.2218	\$322.18		\$3.2846	\$328.46		\$3.2218	\$322.18		\$3.2846	\$328.46		\$3.2218	\$322.18	
17	Low Voltage Rate	\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01		\$0.6201	\$62.01	
18	LRAMVA Recovery	\$0.0563	\$5.63		\$0.0807	\$8.07		\$0.0563	\$5.63		\$0.0807	\$8.07		\$0.0563	\$5.63		\$0.0807	\$8.07		\$0.0563	\$5.63		\$0.0807	\$8.07		\$0.0563	\$5.63	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.8703	\$87.03		\$0.0000	\$0.00		\$0.8703	\$87.03	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$1.6790	\$167.90		\$0.0000	\$0.00		\$1.6790	\$167.90	
21	Group One Deferral Disp (2016)	\$0.5794	\$57.94		\$0.0000	\$0.00		\$0.5794	\$57.94		\$0.0000	\$0.00		\$0.5794	\$57.94		\$0.0000	\$0.00		\$0.5794	\$57.94		\$0.0000	\$0.00		\$0.5794	\$57.94	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00		\$0.3650	\$36.50		\$0.0000	\$0.00		\$0.3650	\$36.50		\$0.0000	\$0.00		\$0.3650	\$36.50		\$0.0000	\$0.00		\$0.3650	\$36.50		\$0.0000	\$0.00	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00		\$0.1166	\$11.66		\$0.0000	\$0.00		\$0.1166	\$11.66		\$0.0000	\$0.00		\$0.1166	\$11.66		\$0.0000	\$0.00		\$0.1166	\$11.66		\$0.0000	\$0.00	
24	Group Two Deferral Disp	\$0.1454	\$14.54		\$0.0000	\$0.00		\$0.1454	\$14.54		\$0.0000	\$0.00		\$0.1454	\$14.54		\$0.0000	\$0.00		\$0.1454	\$14.54		\$0.0000	\$0.00		\$0.1454	\$14.54	
25	IFRS Disposition	-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85		-\$0.8185	-\$81.85	
26	Subtotal		\$647.10		\$620.05	-\$27.05		\$647.10		\$620.05	-\$27.05		\$647.10		\$620.05	-\$27.05		\$647.10		\$620.05	-\$27.05		\$902.03		\$620.05	-\$281.98		
27	% Change					-4.2%					-4.2%					-4.2%										-31.3%		
28	DELIVERY																											
29	RTSR Network	\$2.6640	\$266.40		\$2.6311	\$263.11		\$2.6640	\$266.40		\$2.6311	\$263.11		\$2.6640	\$266.40		\$2.6311	\$263.11		\$2.6640	\$266.40		\$2.6311	\$263.11		\$2.6640	\$266.40	
30	RTSR Connection	\$1.9890	\$198.90		\$1.9709	\$197.09		\$1.9890	\$198.90		\$1.9709	\$197.09		\$1.9890	\$198.90		\$1.9709	\$197.09		\$1.9890	\$198.90		\$1.9709	\$197.09		\$1.9890	\$198.90	
31	Subtotal		\$465.30		\$460.20	-\$5.10		\$465.30		\$460.20	-\$5.10		\$465.30		\$460.20	-\$5.10		\$465.30		\$460.20	-\$5.10		\$465.30		\$460.20	-\$5.10		
32	% Change					-1.1%					-1.1%					-1.1%										-1.1%		
33	REGULATORY																											
34	WMSR & RRRP & OESP	\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40		\$0.0060	\$203.40	
35	SSS	\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50		\$0.0070	\$227.50	
37	Subtotal		\$431.15		\$431.15	\$0.00		\$431.15		\$431.15	\$0.00		\$431.15		\$431.15	\$0.00		\$431.15		\$431.15	\$0.00		\$431.15		\$431.15	\$0.00		
38	% Change					0.0%					0.0%					0.0%										0.0%		
39	Subtotal of Bill		\$5,163.64		\$5,131.49	-\$32.15		\$5,163.64		\$5,131.49	-\$32.15		\$5,163.64		\$5,131.49	-\$32.15		\$5,163.64		\$5,131.49	-\$32.15		\$5,418.57		\$5,131.49	-\$287.08		
40	HST		\$671.27		\$667.09	-\$4.18		\$671.27		\$667.09	-\$4.18		\$671.27		\$667.09	-\$4.18		\$671.27		\$667.09	-\$4.18		\$704.41		\$667.09	-\$37.32		
41	GRAND TOTAL		\$5,834.92		\$5,798.59	-\$36.33		\$5,834.92		\$5,798.59	-\$36.33		\$5,834.92		\$5,798.59	-\$36.33		\$5,834.92		\$5,798.59	-\$36.33		\$6,122.99		\$5,798.59	-\$324.40		
42	% Change					-0.6%					-0.6%					-0.6%										-5.3%		
43	Non-RPP Customer																											
44	GA Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$1.1795	\$117.95		\$0.0000	\$0.00		\$1.1795	\$117.95	
45	GA Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		-\$0.1012	-\$10.12		\$0.0000	\$0.00		-\$0.1012	-\$10.12	
46	GA Disp (2016)	\$1.3567	\$135.67		\$0.0000	\$0.00		\$1.3567	\$135.67		\$0.0000	\$0.00		\$1.3567	\$135.67		\$0.0000	\$0.00		\$1.3567	\$135.67		\$0.0000	\$0.00		\$1.3567	\$135.67	
47	GA Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$0.13		\$0.0000	\$0.00		-\$0.0013	-\$0.13		\$0.0000	\$0.00		-\$0.0013	-\$0.13		\$0.0000	\$0.00		-\$0.0013	-\$0.13		\$0.0000	\$0.00	
48	Revised Subtotal		\$5,299.31		\$5,089.24	-\$210.07		\$5,299.31		\$5,089.24	-\$210.07		\$5,299.31		\$5,089.24	-\$210.07		\$5,299.31		\$5,089.24	-\$210.07		\$5,662.07		\$5,089.24	-\$572.83		
49	HST		\$688.91		\$661.60	-\$27.31		\$688.91		\$661.60	-\$27.31		\$688.91		\$661.60	-\$27.31		\$688.91		\$661.60	-\$27.31		\$736.07		\$661.60	-\$74.47		
50	GRAND TOTAL		\$5,988.22		\$5,750.85	-\$237.38		\$5,988.22																				

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -General Service > 50 - 4,999 kW

Line No.	Description	2016 CK Approved			2017 EPI Proposed			2016 SMP Approved			2017 EPI Proposed			2016 DUT Approved			2017 EPI Proposed			2016 NEW Approved			2017 EPI Proposed				
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change		
1	kWh		325,000		325,000		325,000		325,000		325,000		325,000		325,000		325,000		325,000		325,000		325,000		325,000		
2	kW		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		1,000		
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		
4	kWh - Loss Adjusted		339,008		339,008		339,008		339,008		339,008		339,008		339,008		339,008		339,008		339,008		339,008		339,008		
5	ENERGY																										
6	Energy - Off Peak	\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10		\$0.087	\$18,373.10
7	Energy - Mid Peak	\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85		\$0.132	\$7,311.85
8	Energy - On Peak	\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98		\$0.180	\$10,515.98
9	Subtotal		\$36,200.93		\$36,200.93	\$0.00		\$36,200.93		\$36,200.93	\$0.00		\$36,200.93		\$36,200.93	\$0.00		\$36,200.93		\$36,200.93	\$0.00		\$36,200.93	\$0.00		\$36,200.93	
10	% Change					0.0%					0.0%					0.0%									0.0%		
11	DISTRIBUTION																										
12	Service Charge	\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27		\$99.17	\$99.17		\$97.27	\$97.27
13	Stranded Meter	\$13.35	\$13.35	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00		\$13.35	\$13.35	\$0.00	\$0.00		\$13.35
14	SME Charge	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
15	Distribution Losses	\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26		\$0.1114	\$1,560.26
16	Distribution Volumetric Charge	\$3.2218	\$3,221.80		\$3.2846	\$3,284.60		\$3.2218	\$3,221.80		\$3.2846	\$3,284.60		\$3.2218	\$3,221.80		\$3.2846	\$3,284.60		\$3.2218	\$3,221.80		\$3.2846	\$3,284.60		\$3.2218	\$3,221.80
17	Low Voltage Rate	\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10		\$0.6201	\$620.10
18	LRAMVA Recovery	\$0.0563	\$56.30		\$0.0807	\$80.70		\$0.0563	\$56.30		\$0.0807	\$80.70		\$0.0563	\$56.30		\$0.0807	\$80.70		\$0.0563	\$56.30		\$0.0807	\$80.70		\$0.0563	\$56.30
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.8703	\$870.30		\$0.0000	\$0.00		\$0.0000	\$0.00
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$1.6790	\$1,679.00		\$0.0000	\$0.00		\$0.0000	\$0.00
21	Group One Deferral Disp (2016)	\$0.5794	\$579.40		\$0.0000	\$0.00		\$0.5794	\$579.40		\$0.0000	\$0.00		\$0.5794	\$579.40		\$0.0000	\$0.00		\$0.5794	\$579.40		\$0.0000	\$0.00		\$0.0000	\$0.00
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00		\$0.3650	\$365.00		\$0.0000	\$0.00		\$0.3650	\$365.00		\$0.0000	\$0.00		\$0.3650	\$365.00		\$0.0000	\$0.00		\$0.3650	\$365.00		\$0.0000	\$0.00
23	CBR Rate Rider (2017)	\$0.0000	\$0.00		\$0.1166	\$116.60		\$0.0000	\$0.00		\$0.1166	\$116.60		\$0.0000	\$0.00		\$0.1166	\$116.60		\$0.0000	\$0.00		\$0.1166	\$116.60		\$0.0000	\$0.00
24	Group Two Deferral Disp	\$0.1454	\$145.40		\$0.0000	\$0.00		\$0.1454	\$145.40		\$0.0000	\$0.00		\$0.1454	\$145.40		\$0.0000	\$0.00		\$0.1454	\$145.40		\$0.0000	\$0.00		\$0.1454	\$145.40
25	IFRS Disposition	-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50		-\$0.8185	-\$818.50
26	Subtotal		\$5,475.38		\$5,307.93	-\$167.45		\$5,475.38		\$5,307.93	-\$167.45		\$5,475.38		\$5,307.93	-\$167.45		\$5,475.38		\$5,307.93	-\$167.45		\$8,024.68		\$5,307.93	-\$2,716.75	
27	% Change					-3.1%					-3.1%					-3.1%										-33.9%	
28	DELIVERY																										
29	RTSR Network	\$2.6640	\$2,664.00		\$2.6311	\$2,631.10		\$2.6640	\$2,664.00		\$2.6311	\$2,631.10		\$2.6640	\$2,664.00		\$2.6311	\$2,631.10		\$2.6640	\$2,664.00		\$2.6311	\$2,631.10		\$2.6640	\$2,664.00
30	RTSR Connection	\$1.9890	\$1,989.00		\$1.9709	\$1,970.90		\$1.9890	\$1,989.00		\$1.9709	\$1,970.90		\$1.9890	\$1,989.00		\$1.9709	\$1,970.90		\$1.9890	\$1,989.00		\$1.9709	\$1,970.90		\$1.9890	\$1,989.00
31	Subtotal		\$4,653.00		\$4,602.00	-\$51.00		\$4,653.00		\$4,602.00	-\$51.00		\$4,653.00		\$4,602.00	-\$51.00		\$4,653.00		\$4,602.00	-\$51.00		\$4,653.00		\$4,602.00	-\$51.00	
32	% Change					-1.1%					-1.1%					-1.1%										-1.1%	
33	REGULATORY																										
34	WMSR & RRRP & OESP	\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05		\$0.0060	\$2,034.05
35	SSS	\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25
36	Debt Retirement Charge	\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00		\$0.0070	\$2,275.00
37	Subtotal		\$4,309.30		\$4,309.30	\$0.00		\$4,309.30		\$4,309.30	\$0.00		\$4,309.30		\$4,309.30	\$0.00		\$4,309.30		\$4,309.30	\$0.00		\$4,309.30		\$4,309.30	\$0.00	
38	% Change					0.0%					0.0%					0.0%										0.0%	
39	Subtotal of Bill		\$50,638.61		\$50,420.16			\$50,638.61		\$50,420.16			\$50,638.61		\$50,420.16			\$53,187.91			\$50,420.16			\$53,187.91			\$50,420.16
40	HST		\$6,583.02		\$6,554.62			\$6,583.02		\$6,554.62			\$6,583.02		\$6,554.62			\$6,914.43			\$6,554.62			\$6,914.43			\$6,554.62
41	GRAND TOTAL		\$57,221.63		\$56,974.78	-\$246.85		\$57,221.63		\$56,974.78	-\$246.85		\$57,221.63		\$56,974.78	-\$246.85		\$60,102.34			\$56,974.78			\$60,102.34			\$56,974.78
42	% Change					-0.4%					-0.4%					-0.4%										-5.2%	
43	Non-RPP Customer																										
44	GA Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$1.1795	\$1,179.50		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00
45	GA Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		-\$0.1012	-\$101.20		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00
46	GA Disp (2016)	\$1.3567	\$1,356.70		\$0.0000	\$0.00		\$1.3567	\$1,356.70		\$0.0000	\$0.00		\$1.3567	\$1,356.70		\$0.0000	\$0.00		\$1.3567	\$1,356.70		\$0.0000	\$0.00		\$0.0000	\$0.00
47	GA Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$422.50		\$0.0000	\$0.00		-\$0.0013	-\$422.50		\$0.0000	\$0.00		-\$0.0013	-\$422.50		\$0.0000	\$0.00		-\$0.0013	-\$422.50		\$0.0000	\$0.00
48	Revised Subtotal		\$51,995.31		\$49,997.66			\$51,995.31		\$49,997.66			\$51,995.31		\$49,997.66			\$55,622.91			\$49,997.66			\$55,622.91			\$49,997.6

Entegrus Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -Large Use

Line No.	Description	2016 CK Approved		2017 EPI Proposed			2016 SMP Approved		2017 EPI Proposed		
		Rate	Total	Rate	Total	Change	Rate	Total	Rate	Total	Change
1	kWh		2,763,935		2,763,935			2,631,117		2,631,117	
2	kW		10,200		10,200			5,500		5,500	
3	Loss Factor		1.0431		1.0431			1.0431		1.0431	
4	kWh - Loss Adjusted		2,883,060		2,883,060			2,744,518		2,744,518	
5	ENERGY										
6	Energy - Off Peak	\$0.087	\$156,252.47	\$0.087	\$156,252.47		\$0.087	\$148,743.94	\$0.087	\$148,743.94	
7	Energy - Mid Peak	\$0.132	\$62,183.01	\$0.132	\$62,183.01		\$0.132	\$59,194.87	\$0.132	\$59,194.87	
8	Energy - On Peak	\$0.180	\$89,432.24	\$0.180	\$89,432.24		\$0.180	\$85,134.67	\$0.180	\$85,134.67	
9	Subtotal		\$307,867.72		\$307,867.72	\$0.00		\$293,073.48		\$293,073.48	\$0.00
10	% Change					0.0%					0.0%
11	DISTRIBUTION										
12	Service Charge	\$1,484.36	\$1,484.36	\$1,513.31	\$1,513.31		\$1,484.36	\$1,484.36	\$1,513.31	\$1,513.31	
13	Stranded Meter	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$13,269.10	\$0.1114	\$13,269.10		\$0.1114	\$12,631.47	\$0.1114	\$12,631.47	
16	Distribution Volumetric Charge	\$2.2668	\$23,121.36	\$2.3110	\$23,572.20		\$2.2668	\$12,467.97	\$2.3110	\$12,711.08	
17	Transformer Ownership Allow	-\$0.6000	-\$6,120.00	-\$0.6000	-\$6,120.00		-\$0.6000	-\$3,300.15	-\$0.6000	-\$3,300.15	
18	Low Voltage Rate	\$0.6818	\$6,954.36	\$0.6818	\$6,954.36		\$0.6818	\$3,750.07	\$0.6818	\$3,750.07	
19	LRAMVA Recovery	\$0.2464	\$2,513.28	\$0.2487	\$2,536.74		\$0.2464	\$1,355.26	\$0.2487	\$1,367.91	
20	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
21	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
22	Group One Deferral Disp (2016)	\$0.6596	\$6,727.92	\$0.0000	\$0.00		\$0.6596	\$3,627.96	\$0.0000	\$0.00	
23	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.4969	-\$5,068.38		\$0.0000	\$0.00	-\$0.4969	-\$2,733.07	
24	CBR Rate Rider (2017)	\$0.0000	\$0.00	\$0.0500	\$510.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
25	Group Two Deferral Disp	\$0.1655	\$1,688.10	\$0.0000	\$0.00		\$0.1655	\$910.29	\$0.0000	\$0.00	
26	IFRS Disposition	-\$0.9313	-\$9,499.26	-\$0.9313	-\$9,499.26		-\$0.9313	-\$5,122.38	-\$0.9313	-\$5,122.38	
27	Subtotal		\$40,139.22		\$27,668.07	-\$12,471.15		\$27,804.85		\$20,818.23	-\$6,986.62
28	% Change					-31.1%					-25.1%
29	DELIVERY										
30	RTSR Network	\$2.8267	\$28,832.34	\$2.7918	\$28,476.36		\$2.8267	\$15,547.56	\$2.7918	\$15,355.60	
31	RTSR Connection	\$2.1867	\$22,304.34	\$2.1668	\$22,101.36		\$2.1867	\$12,027.40	\$2.1668	\$11,917.94	
32	Subtotal		\$51,136.68		\$50,577.72	-\$558.96		\$27,574.95		\$27,273.54	-\$301.41
33	% Change					-1.1%					-1.1%
34	REGULATORY										
35	WMSR & RRRP & OESP	\$0.0060	\$17,298.36	\$0.0060	\$17,298.36		\$0.0060	\$16,467.11	\$0.0060	\$16,467.11	
36	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	
37	Debt Retirement Charge	\$0.0070	\$19,347.54	\$0.0070	\$19,347.54		\$0.0070	\$18,417.82	\$0.0070	\$18,417.82	
38	Subtotal		\$36,646.15		\$36,646.15	\$0.00		\$34,885.18		\$34,885.18	\$0.00
39	% Change					0.0%					0.0%
40	Subtotal of Bill		\$435,789.77		\$422,759.66			\$383,338.46		\$376,050.43	
41	Non-RPP Customer										
42	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
43	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
43	GA Disp (2016)	-\$0.0827	-\$843.54	\$0.0000	\$0.00		-\$0.0827	-\$454.87	\$0.0000	\$0.00	
43	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$3,593.11		\$0.0000	\$0.00	\$0.0000	\$0.00	
44	Revised Subtotal		\$434,946.23		\$419,166.54			\$382,883.59		\$376,050.43	
45	HST		\$56,543.01		\$54,491.65			\$49,774.87		\$48,886.56	
46	GRAND TOTAL		\$491,489.24		\$473,658.19	-\$17,831.04		\$432,658.46		\$424,936.98	-\$7,721.47
47	% Change					-3.6%					-1.8%

Andrya Eagen: Class A

Andrya Eagen: Class A

48	Breakdown of Distribution										
49	Entegrus Only		\$30,888.84		\$31,392.09	\$503.25		\$22,816.67		\$23,101.38	\$284.71
50	% Change					1.1%					0.9%
51	Pass Through Costs		\$15,370.38		\$2,395.98	-\$12,974.40		\$8,288.33		\$1,017.00	-\$7,271.33
52	% Change					-28.0%					-23.4%

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Unmetered Scattered Load

Line No.	Description	2015 CK Approved			2016 EPI Proposed			2015 SMP Approved			2016 EPI Proposed			2015 DUT Approved			2016 EPI Proposed			2015 NEW Approved			2016 EPI Proposed		
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change
1	kWh		150		150			150		150			150		150		150		150		150		150		150
2	kW		-		-			-		-			-		-		-		-		-		-		-
3	Loss Factor		1.0431		1.0431			1.0431		1.0431			1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431
4	kWh - Loss Adjusted		156		156			156		156			156		156		156		156		156		156		156
5	ENERGY																								
6	Energy - Off Peak	\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48	
7	Energy - Mid Peak	\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37	
8	Energy - On Peak	\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85	
9	Subtotal		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%
11	DISTRIBUTION																								
12	Service Charge	\$8.03	\$8.03		\$8.19	\$8.19		\$8.03	\$8.03		\$8.19	\$8.19		\$8.03	\$8.03		\$8.19	\$8.19		\$8.03	\$8.03		\$8.19	\$8.19	
13	Stranded Meter	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72	
16	Distribution Volumetric Charge	\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23	
17	Low Voltage Rate	\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23		\$0.0015	\$0.23	
18	LRAMVA Recovery	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0015	\$0.23		\$0.0000	\$0.00		\$0.0015	\$0.23		\$0.0000	\$0.00		\$0.0015	\$0.23		\$0.0000	\$0.00		\$0.0015	\$0.23		\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$0.20		\$0.0000	\$0.00		-\$0.0013	-\$0.20		\$0.0000	\$0.00		-\$0.0013	-\$0.20		\$0.0000	\$0.00		-\$0.0013	-\$0.20	
23	CBR Rate Rider (2017)	\$0.0000	\$0.00		\$0.0003	\$0.05		\$0.0000	\$0.00		\$0.0003	\$0.05		\$0.0000	\$0.00		\$0.0003	\$0.05		\$0.0000	\$0.00		\$0.0003	\$0.05	
24	Group Two Deferral Disp	\$0.0004	\$0.06		\$0.0000	\$0.00		\$0.0004	\$0.06		\$0.0000	\$0.00		\$0.0004	\$0.06		\$0.0000	\$0.00		\$0.0004	\$0.06		\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.0022	-\$0.33		-\$0.0022	-\$0.33		-\$0.0022	-\$0.33		-\$0.0022	-\$0.33		-\$0.0022	-\$0.33		-\$0.0022	-\$0.33		-\$0.0022	-\$0.33		-\$0.0022	-\$0.33	
26	Subtotal		\$9.16		\$8.88	-\$0.28		\$9.16		\$8.88	-\$0.28		\$9.16		\$8.88	-\$0.28		\$9.16		\$8.88	-\$0.28		\$9.16		\$8.88
27	% Change					-3.0%					-3.0%					-3.0%									-3.0%
28	DELIVERY																								
29	RTSR Network	\$0.0061	\$0.95		\$0.0060	\$0.94		\$0.0061	\$0.95		\$0.0060	\$0.94		\$0.0061	\$0.95		\$0.0060	\$0.94		\$0.0061	\$0.95		\$0.0060	\$0.94	
30	RTSR Connection	\$0.0047	\$0.74		\$0.0047	\$0.74		\$0.0047	\$0.74		\$0.0047	\$0.74		\$0.0047	\$0.74		\$0.0047	\$0.74		\$0.0047	\$0.74		\$0.0047	\$0.74	
31	Subtotal		\$1.69		\$1.67	-\$0.02		\$1.69		\$1.67	-\$0.02		\$1.69		\$1.67	-\$0.02		\$1.69		\$1.67	-\$0.02		\$1.69		\$1.67
32	% Change					-0.9%					-0.9%					-0.9%									-0.9%
33	REGULATORY																								
34	WMSR & RRRP	\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94	
35	SSS	\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05	
37	Subtotal		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24
38	% Change					0.0%					0.0%					0.0%									0.0%
39	Subtotal of Bill		\$29.79		\$29.50			\$29.79		\$29.50			\$29.79		\$29.50			\$29.79		\$29.50			\$29.79		\$29.50
40	HST		\$3.87		\$3.84			\$3.87		\$3.84			\$3.87		\$3.84			\$3.87		\$3.84			\$3.87		\$3.84
41	GRAND TOTAL		\$33.66		\$33.34	-\$0.33		\$33.66		\$33.34	-\$0.33		\$33.66		\$33.34	-\$0.33		\$33.66		\$33.34	-\$0.33		\$33.66		\$33.34
42	% Change					-1.0%					-1.0%					-1.0%									-1.0%
43	Non-RPP Customer																								
44	GA Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
45	GA Disp (2016)	\$0.0042	\$0.63		\$0.0000	\$0.00		\$0.0042	\$0.63		\$0.0000	\$0.00		\$0.0042	\$0.63		\$0.0000	\$0.00		\$0.0042	\$0.63		\$0.0000	\$0.00	
46	GA Disp (2017)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
47	Revised Subtotal		\$30.42		\$29.50			\$30.42		\$29.50			\$30.42		\$29.50			\$30.42		\$29.50			\$30.42		\$29.50
48	HST		\$3.95		\$3.84			\$3.95		\$3.84			\$3.95		\$3.84			\$3.95		\$3.84			\$3.95		\$3.84
49	GRAND TOTAL		\$34.38		\$33.34	-\$1.04		\$34.38		\$33.34	-\$1.04		\$34.38		\$33.34	-\$1.04		\$34.38		\$33.34	-\$1.04		\$34.38		\$33.34
50	% Change					-3.0%					-3.0%					-3.0%									-3.0%
51	Breakdown of Distribution																								
52	Entegris Only		\$8.65		\$8.81	\$0.16		\$8.65		\$8.81	\$0.16		\$8.65		\$8.81	\$0.16		\$8.65		\$8.81	\$0.16		\$8.65		\$8.81
53	% Change					1.7%					1.7%					1.7%									1.7%
54	Pass Through Costs		\$0.51		\$0.08	-\$0.44		\$0.51		\$0.08	-\$0.44		\$0.51		\$0.08	-\$0.44		\$0.51		\$0.08	-\$0.44		\$0.51		\$0.08
55	% Change					-4.8%					-4.8%					-4.8%									-4.8%

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis - Sentinel Lights

Line No.	Description	2015 CK Approved			2016 EPI Proposed			2015 SMP Approved			2016 EPI Proposed			2015 DUT Approved			2016 EPI Proposed			2015 NEW Approved			2016 EPI Proposed		
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change
1	kWh		150		150			150		150			150		150		150		150		150		150		150
2	kW		1		1			1		1			1		1		1		1		1		1		1
3	Loss Factor		1.0431		1.0431			1.0431		1.0431			1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431
4	kWh - Loss Adjusted		156		156			156		156			156		156		156		156		156		156		156
5	ENERGY																								
6	Energy - Off Peak	\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48		\$0.087	\$8.48	
7	Energy - Mid Peak	\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37		\$0.132	\$3.37	
8	Energy - On Peak	\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85		\$0.180	\$4.85	
9	Subtotal		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%
11	DISTRIBUTION																								
12	Service Charge	\$7.30	\$7.30		\$7.44	\$7.44		\$7.30	\$7.30		\$7.44	\$7.44		\$7.30	\$7.30		\$7.44	\$7.44		\$7.30	\$7.30		\$7.44	\$7.44	
13	Stranded Meter	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72		\$0.1114	\$0.72	
16	Distribution Volumetric Charge	\$0.6543	\$0.65		\$0.6671	\$0.67		\$0.6543	\$0.65		\$0.6671	\$0.67		\$0.6543	\$0.65		\$0.6671	\$0.67		\$0.6543	\$0.65		\$0.6671	\$0.67	
17	Low Voltage Rate	\$0.4661	\$0.47		\$0.4661	\$0.47		\$0.4661	\$0.47		\$0.4661	\$0.47		\$0.4661	\$0.47		\$0.4661	\$0.47		\$0.4661	\$0.47		\$0.4661	\$0.47	
18	LRAMVA Recovery	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.1949	\$0.19		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.5489	\$0.55		\$0.0000	\$0.00		\$0.5489	\$0.55		\$0.0000	\$0.00		\$0.5489	\$0.55		\$0.0000	\$0.00		\$0.5489	\$0.55		\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00		-\$0.4536	-\$0.45		\$0.0000	\$0.00		-\$0.4536	-\$0.45		\$0.0000	\$0.00		-\$0.4536	-\$0.45		\$0.0000	\$0.00		-\$0.4536	-\$0.45	
23	CBR Rate Rider	\$0.0000	\$0.00		\$0.1038	\$0.10		\$0.0000	\$0.00		\$0.1038	\$0.10		\$0.0000	\$0.00		\$0.1038	\$0.10		\$0.0000	\$0.00		\$0.1038	\$0.10	
24	Group Two Deferral Disp	\$0.1382	\$0.14		\$0.0000	\$0.00		\$0.1382	\$0.14		\$0.0000	\$0.00		\$0.1382	\$0.14		\$0.0000	\$0.00		\$0.1382	\$0.14		\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.7777	-\$0.78		-\$0.7777	-\$0.78		-\$0.7777	-\$0.78		-\$0.7777	-\$0.78		-\$0.7777	-\$0.78		-\$0.7777	-\$0.78		-\$0.7777	-\$0.78		-\$0.7777	-\$0.78	
26	Subtotal		\$9.05		\$8.17	-\$0.88		\$9.05		\$8.17	-\$0.88		\$9.24		\$8.17	-\$1.08		\$9.05		\$8.17	-\$0.88		\$9.05		\$8.17
27	% Change					-9.8%					-9.8%					-11.7%									-9.8%
28	DELIVERY																								
29	RTSR Network	\$1.9570	\$1.96		\$1.9328	\$1.93		\$1.9570	\$1.96		\$1.9328	\$1.93		\$1.9570	\$1.96		\$1.9328	\$1.93		\$1.9570	\$1.96		\$1.9328	\$1.93	
30	RTSR Connection	\$1.4948	\$1.49		\$1.4812	\$1.48		\$1.4948	\$1.49		\$1.4812	\$1.48		\$1.4948	\$1.49		\$1.4812	\$1.48		\$1.4948	\$1.49		\$1.4812	\$1.48	
31	Subtotal		\$3.45		\$3.41	-\$0.04		\$3.45		\$3.41	-\$0.04		\$3.45		\$3.41	-\$0.04		\$3.45		\$3.41	-\$0.04		\$3.45		\$3.41
32	% Change					-1.1%					-1.1%					-1.1%									-1.1%
33	REGULATORY																								
34	WMSR & RRRP	\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94		\$0.0060	\$0.94	
35	SSS	\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25		\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05		\$0.0070	\$1.05	
37	Subtotal		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24
38	% Change					0.0%					0.0%					0.0%									0.0%
39	Subtotal of Bill		\$31.45		\$30.53			\$31.45		\$30.53			\$31.64		\$30.53			\$31.45		\$30.53			\$31.45		\$30.53
40	HST		\$4.09		\$3.97			\$4.09		\$3.97			\$4.11		\$3.97			\$4.09		\$3.97			\$4.09		\$3.97
41	GRAND TOTAL		\$35.54		\$34.50	-\$1.04		\$35.54		\$34.50	-\$1.04		\$35.76		\$34.50	-\$1.26		\$35.54		\$34.50	-\$1.04		\$35.54		\$34.50
42	% Change					-2.9%					-2.9%					-3.5%									-2.9%
43	Non-RPP Customer																								
44	GA Disp (2013)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
45	GA Disp (2016)	\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00		\$0.0000	\$0.00	
46	GA Disp (2017)	\$0.0000	\$0.00		-\$0.0013	-\$0.20		\$0.0000	\$0.00		-\$0.0013	-\$0.20		\$0.0000	\$0.00		-\$0.0013	-\$0.20		\$0.0000	\$0.00		-\$0.0013	-\$0.20	
47	Revised Subtotal		\$31.45		\$30.53			\$31.45		\$30.53			\$31.64		\$30.53			\$31.45		\$30.53			\$31.45		\$30.53
48	HST		\$4.09		\$3.97			\$4.09		\$3.97			\$4.11		\$3.97			\$4.09		\$3.97			\$4.09		\$3.97
49	GRAND TOTAL		\$35.54		\$34.50	-\$1.04		\$35.54		\$34.50	-\$1.04		\$35.76		\$34.50	-\$1.26		\$35.54		\$34.50	-\$1.04		\$35.54		\$34.50
50	% Change					-2.9%					-2.9%					-3.5%									-2.9%
51	Breakdown of Distribution																								
52	Entegris Only		\$7.90		\$8.05	\$0.15		\$7.90		\$8.05	\$0.15		\$7.90		\$8.05	\$0.15		\$7.90		\$8.05	\$0.15		\$7.90		\$8.05
53	% Change					1.7%					1.7%					1.7%									1.7%
54	Pass Through Costs		\$1.15		\$0.12	-\$1.04		\$1.15		\$0.12	-\$1.04		\$1.35		\$0.12	-\$1.23		\$1.15		\$0.12	-\$1.04		\$1.15		\$0.12
55	% Change					-11.5%					-11.5%					-13.3%									-11.5%

Entegris Powerlines Inc.
 2017 IRM Application, EB-2016-0063
 Bill Impact Analysis -Street Lights

Line No.	Description	2015 CK Approved			2016 EPI Proposed			2015 SMP Approved			2016 EPI Proposed			2015 DUT Approved			2016 EPI Proposed			2015 NEW Approved			2016 EPI Proposed			
		Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	Rate	Total	Change	
1	kWh		150		150		150		150		150		150		150		150		150		150		150		150	
2	kW		1		1		1		1		1		1		1		1		1		1		1		1	
3	Loss Factor		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431		1.0431	
4	kWh - Loss Adjusted		156		156		156		156		156		156		156		156		156		156		156		156	
5	ENERGY																									
6	Energy - Off Peak	\$0.087	\$8.48	\$0.087	\$8.48		\$0.087	\$8.48	\$0.087	\$8.48		\$0.087	\$8.48	\$0.087	\$8.48		\$0.087	\$8.48	\$0.087	\$8.48		\$0.087	\$8.48	\$0.087	\$8.48	
7	Energy - Mid Peak	\$0.132	\$3.37	\$0.132	\$3.37		\$0.132	\$3.37	\$0.132	\$3.37		\$0.132	\$3.37	\$0.132	\$3.37		\$0.132	\$3.37	\$0.132	\$3.37		\$0.132	\$3.37	\$0.132	\$3.37	
8	Energy - On Peak	\$0.180	\$4.85	\$0.180	\$4.85		\$0.180	\$4.85	\$0.180	\$4.85		\$0.180	\$4.85	\$0.180	\$4.85		\$0.180	\$4.85	\$0.180	\$4.85		\$0.180	\$4.85	\$0.180	\$4.85	
9	Subtotal		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	\$0.00		\$16.71		\$16.71	
10	% Change					0.0%					0.0%					0.0%					0.0%				0.0%	
11	DISTRIBUTION																									
12	Service Charge	\$1.11	\$1.11	\$1.13	\$1.13		\$1.11	\$1.11	\$1.13	\$1.13		\$1.11	\$1.11	\$1.13	\$1.13		\$1.11	\$1.11	\$1.13	\$1.13		\$1.11	\$1.11	\$1.13	\$1.13	
13	Stranded Meter	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$0.72	\$0.1114	\$0.72		\$0.1114	\$0.72	\$0.1114	\$0.72		\$0.1114	\$0.72	\$0.1114	\$0.72		\$0.1114	\$0.72	\$0.1114	\$0.72		\$0.1114	\$0.72	\$0.1114	\$0.72	
16	Distribution Volumetric Charge	\$0.9331	\$0.93	\$0.9513	\$0.95		\$0.9331	\$0.93	\$0.9513	\$0.95		\$0.9331	\$0.93	\$0.9513	\$0.95		\$0.9331	\$0.93	\$0.9513	\$0.95		\$0.9331	\$0.93	\$0.9513	\$0.95	
17	Low Voltage Rate	\$0.4552	\$0.46	\$0.4552	\$0.46		\$0.4552	\$0.46	\$0.4552	\$0.46		\$0.4552	\$0.46	\$0.4552	\$0.46		\$0.4552	\$0.46	\$0.4552	\$0.46		\$0.4552	\$0.46	\$0.4552	\$0.46	
18	LRAMVA Recovery	\$0.0007	\$0.00	\$0.0069	\$0.01		\$0.0007	\$0.00	\$0.0069	\$0.01		\$0.0007	\$0.00	\$0.0069	\$0.01		\$0.0007	\$0.00	\$0.0069	\$0.01		\$0.0007	\$0.00	\$0.0069	\$0.01	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.1495	\$0.15	\$0.0000	\$0.00		\$0.7742	\$0.77	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$1.6468	\$1.65	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.5117	\$0.51	\$0.0000	\$0.00		\$0.5117	\$0.51	\$0.0000	\$0.00		\$0.5117	\$0.51	\$0.0000	\$0.00		\$0.5117	\$0.51	\$0.0000	\$0.00		\$0.5117	\$0.51	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.4197	-\$0.42		\$0.0000	\$0.00	-\$0.4197	-\$0.42		\$0.0000	\$0.00	-\$0.4197	-\$0.42		\$0.0000	\$0.00	-\$0.4197	-\$0.42		\$0.0000	\$0.00	-\$0.4197	-\$0.42	
23	CBR Rate Rider	\$0.0000	\$0.00	\$0.0974	\$0.10		\$0.0000	\$0.00	\$0.0974	\$0.10		\$0.0000	\$0.00	\$0.0974	\$0.10		\$0.0000	\$0.00	\$0.0974	\$0.10		\$0.0000	\$0.00	\$0.0974	\$0.10	
24	Group Two Deferral Disp	\$0.1290	\$0.13	\$0.0000	\$0.00		\$0.1290	\$0.13	\$0.0000	\$0.00		\$0.1290	\$0.13	\$0.0000	\$0.00		\$0.1290	\$0.13	\$0.0000	\$0.00		\$0.1290	\$0.13	\$0.0000	\$0.00	
25	IFRS Disposition	-\$0.7260	-\$0.73	-\$0.7260	-\$0.73		-\$0.7260	-\$0.73	-\$0.7260	-\$0.73		-\$0.7260	-\$0.73	-\$0.7260	-\$0.73		-\$0.7260	-\$0.73	-\$0.7260	-\$0.73		-\$0.7260	-\$0.73	-\$0.7260	-\$0.73	
26	Subtotal		\$3.13		\$2.22	-\$0.92		\$3.13		\$2.22	-\$0.92		\$3.28		\$2.22	-\$1.07		\$5.55		\$2.22	-\$0.92		\$3.13		\$2.22	-\$0.92
27	% Change					-29.3%					-29.3%					-32.5%									-60.1%	
28	DELIVERY																									
29	RTSR Network	\$1.9369	\$1.94	\$1.9130	\$1.91		\$1.9369	\$1.94	\$1.9130	\$1.91		\$1.9369	\$1.94	\$1.9130	\$1.91		\$1.9369	\$1.94	\$1.9130	\$1.91		\$1.9369	\$1.94	\$1.9130	\$1.91	
30	RTSR Connection	\$1.4600	\$1.46	\$1.4467	\$1.45		\$1.4600	\$1.46	\$1.4467	\$1.45		\$1.4600	\$1.46	\$1.4467	\$1.45		\$1.4600	\$1.46	\$1.4467	\$1.45		\$1.4600	\$1.46	\$1.4467	\$1.45	
31	Subtotal		\$3.40		\$3.36	-\$0.04		\$3.40		\$3.36	-\$0.04		\$3.40		\$3.36	-\$0.04		\$3.40		\$3.36	-\$0.04		\$3.40		\$3.36	-\$0.04
32	% Change					-1.1%					-1.1%					-1.1%										-1.1%
33	REGULATORY																									
34	WMSR & RRRP	\$0.0060	\$0.94	\$0.0060	\$0.94		\$0.0060	\$0.94	\$0.0060	\$0.94		\$0.0060	\$0.94	\$0.0060	\$0.94		\$0.0060	\$0.94	\$0.0060	\$0.94		\$0.0060	\$0.94	\$0.0060	\$0.94	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25		\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$1.05	\$0.0070	\$1.05		\$0.0070	\$1.05	\$0.0070	\$1.05		\$0.0070	\$1.05	\$0.0070	\$1.05		\$0.0070	\$1.05	\$0.0070	\$1.05		\$0.0070	\$1.05	\$0.0070	\$1.05	
37	Subtotal		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00		\$2.24		\$2.24	\$0.00
38	% Change					0.0%					0.0%					0.0%										0.0%
39	Subtotal of Bill		\$25.48		\$24.52			\$25.48		\$24.52			\$25.63		\$24.52			\$27.90		\$24.52			\$27.90		\$24.52	
44	Non-RPP Customer																									
45	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$2.8111	\$2.81	\$0.0000	\$0.00		\$1.0492	\$1.05	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
46	GA Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00		-\$0.0909	-\$0.09	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
47	GA Disp (2016)	\$1.1613	\$1.16	\$0.0000	\$0.00		\$1.1613	\$1.16	\$0.0000	\$0.00		\$1.1613	\$1.16	\$0.0000	\$0.00		\$1.1613	\$1.16	\$0.0000	\$0.00		\$0.0000	\$0.00	\$0.0000	\$0.00	
48	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$0.20		\$0.0000	\$0.00	-\$0.0013	-\$0.20		\$0.0000	\$0.00	-\$0.0013	-\$0.20		\$0.0000	\$0.00	-\$0.0013	-\$0.20		\$0.0000	\$0.00	-\$0.0013	-\$0.20	
49	Revised Subtotal		\$26.64		\$24.52			\$26.64		\$24.52			\$29.60		\$24.52			\$30.01		\$24.52			\$30.01		\$24.52	
50	HST		\$3.46		\$3.19			\$3.46		\$3.19			\$3.85		\$3.19			\$3.90		\$3.19			\$3.90		\$3.19	
51	GRAND TOTAL		\$30.10		\$27.71	-\$2.39		\$30.10		\$27.71	-\$2.39		\$33.45		\$27.71	-\$5.74		\$33.92		\$27.71	-\$6.21		\$33.92		\$27.71	-\$6.21
52	% Change					-7.9%					-7.9%					-17.2%										-18.3%
53	Breakdown of Distribution																									
54	Entegris Only		\$2.04		\$2.08	\$0.04		\$2.04		\$2.08	\$0.04		\$2.04		\$2.08	\$0.04		\$2.04		\$2.08	\$0.04		\$2.04		\$2.08	\$0.04
55	% Change					1.4%					1.4%					1.4%										0.8%
56	Pass Through Costs		\$1.10		\$0.13	-\$0.96		\$1.10		\$0.13	-\$0.96		\$1.25		\$0.13	-\$1.11		\$3.52		\$0.13	-\$3.38		\$3.52		\$0.13	-\$3.38
57	% Change					-30.7%					-30.7%					-33.9%										-60.9%

Entegrus Powerlines Inc.

2017 IRM Application, EB-2016-0063

Bill Impact Analysis - Embedded Distributor

Line No.	Description	2015 CK Approved		2016 EPI Proposed		
		Rate	Total	Rate	Total	Change
1	kWh		368,500		368,500	
2	kW		14		14	
3	Loss Factor		1.0431		1.0431	
4	kWh - Loss Adjusted		384,383		384,383	
5	ENERGY					
6	Energy - Off Peak	\$0.087	\$20,832.30	\$0.087	\$20,832.30	
7	Energy - Mid Peak	\$0.132	\$8,290.52	\$0.132	\$8,290.52	
8	Energy - On Peak	\$0.180	\$11,923.52	\$0.180	\$11,923.52	
9	Subtotal		\$41,046.33		\$41,046.33	\$0.00
10	% Change					0.0%
11	DISTRBUTION					
12	Service Charge	\$128.86	\$128.86	\$131.37	\$131.37	
13	Stranded Meter	\$0.00	\$0.00	\$0.00	\$0.00	
14	SME Charge	\$0.00	\$0.00	\$0.00	\$0.00	
15	Distribution Losses	\$0.1114	\$1,769.10	\$0.1114	\$1,769.10	
16	Distribution Volumetric Charge	\$0.0000	\$0.00	\$0.0000	\$0.00	
17	Low Voltage Rate	\$0.6201	\$8.68	\$0.6201	\$8.68	
18	LRAMVA Recovery	\$0.0000	\$0.00	\$0.0000	\$0.00	
19	Group One Deferral Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00	
20	Group One Deferral Disp (2015)	\$0.0000	\$0.00	\$0.0000	\$0.00	
21	Group One Deferral Disp (2016)	\$0.0000	\$0.00	\$0.0000	\$0.00	
22	Group One Deferral Disp (2017)	\$0.0000	\$0.00	-\$0.5637	-\$7.89	
23	CBR Rate Rider	\$0.0000	\$0.00	\$0.1290	\$1.81	
24	Group Two Deferral Disp	\$0.0000	\$0.00	\$0.0000	\$0.00	
25	IFRS Disposition	\$0.0000	\$0.00	\$0.0000	\$0.00	
26	Subtotal		\$1,906.64		\$1,903.06	-\$3.58
27	% Change					-0.2%
28	DELIVERY					
29	RTSR Network	\$2.6640	\$37.30	\$2.6311	\$36.84	
30	RTSR Connection	\$1.9890	\$27.85	\$1.9709	\$27.59	
31	Subtotal		\$65.14		\$64.43	-\$0.71
32	% Change					-1.1%
33	REGULATORY					
34	WMSR & RRRP	\$0.0060	\$2,306.30	\$0.0060	\$2,306.30	
35	SSS	\$0.2500	\$0.25	\$0.2500	\$0.25	
36	Debt Retirement Charge	\$0.0070	\$2,579.50	\$0.0070	\$2,579.50	
37	Subtotal		\$4,886.05		\$4,886.05	\$0.00
38	% Change					0.0%
39	Subtotal of Bill		\$47,904.16		\$47,899.87	
40	HST		\$6,227.54		\$6,226.98	
41	GRAND TOTAL		\$54,131.71		\$54,126.86	-\$4.85
42	% Change					0.0%
43	Non-RPP Customer					
44	GA Disp (2013)	\$0.0000	\$0.00	\$0.0000	\$0.00	
45	GA Disp (2016)	\$0.0000	\$0.00	\$0.0000	\$0.00	
46	GA Disp (2017)	\$0.0000	\$0.00	-\$0.0013	-\$479.05	
47	Revised Subtotal		\$47,904.16		\$47,420.82	
48	HST		\$6,227.54		\$6,164.71	
49	GRAND TOTAL		\$54,131.71		\$53,585.53	-\$546.17
50	% Change					-1.0%

51	Breakdown of Distribution	Rate	Total	Rate	Total	Change
52	Entegrus Only		\$1,897.96		\$1,900.47	\$2.51
53	% Change					0.1%
54	Pass Through Costs		\$8.68		\$2.60	-\$6.09
55	% Change					-0.3%

ATTACHMENT I

May 1, 2017 Proposed Tariff Sheets

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2017
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2016-0063

RESIDENTIAL SERVICE CLASSIFICATION

This classification applies to an account taking electricity at 750 volts or less and includes:

- 1) All services supplied to single-family dwelling units for domestic or household purposes,
- 2) All multi-unit residential establishments such as apartments of 6 or less units.
- 3) If a service supplies a combination of residential and commercial load and wiring does not permit separate metering, the classification of this customer will be determined individually by the distributor.

Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	21.03
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$	(1.40)
Distribution Volumetric Rate	\$/kWh	0.0052
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	(0.0013)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017)		
- effective until April 30, 2018	\$/kWh	0.0003
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0013)
Low Voltage Service Rate	\$/kWh	0.0017
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0069
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0053

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program Charge (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0063

ONTARIO ELECTRICITY SUPPORT PROGRAM RECIPIENTS

In addition to the charges specified on page 1 of this tariff of rates and charges, the following credits are to be applied to eligible residential customers.

APPLICATION

The application of the credits is in accordance with the Distribution System Code (Section 9) and subsection 79.2 of the Ontario Energy Board Act, 1998.

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

In this class:

“Aboriginal person” includes a person who is a First Nations person, a Métis person or an Inuit person;

“account-holder” means a consumer who has an account with a distributor that falls within a residential-rate classification as specified in a rate order made by the Ontario Energy Board under section 78 of the Act, and who lives at the service address to which the account relates for at least six months in a year;

“electricity-intensive medical device” means an oxygen concentrator, a mechanical ventilator, or such other device as may be specified by the Ontario Energy Board;

“household” means the account-holder and any other people living at the accountholder’s service address for at least six months in a year, including people other than the account-holder’s spouse, children or other relatives;

“household income” means the combined annual after-tax income of all members of a household aged 16 or over;

MONTHLY RATES AND CHARGES

Class A

- (a) account-holders with a household income of \$28,000 or less living in a household of one or two persons;
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of three persons;
 - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of five persons; and
 - (d) account-holders with a household income of between \$48,001 and \$52,000 living in a household of seven or more persons;
- but does not include account-holders in Class E.

OESP Credit \$ (30.00)

Class B

- (a) account-holders with a household income of \$28,000 or less living in a household of three persons;
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of four persons;
 - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of six persons;
- but does not include account-holders in Class F.

OESP Credit \$ (34.00)

Class C

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0063

- (a) account-holders with a household income of \$28,000 or less living in a household of four persons;
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of five persons;
 - (c) account-holders with a household income of between \$39,001 and \$48,000 living in a household of seven or more persons;
- but does not include account-holders in Class G.

OESP Credit \$ (38.00)

Class D

- (a) account-holders with a household income of \$28,000 or less living in a household of five persons; and
 - (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of six persons;
- but does not include account-holders in Class H.

OESP Credit \$ (42.00)

Class E

Class E comprises account-holders with a household income and household size described under Class A who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (45.00)

Class F

- (a) account-holders with a household income of \$28,000 or less living in a household of six or more persons;
- (b) account-holders with a household income of between \$28,001 and \$39,000 living in a household of seven or more persons; or
- (c) account-holders with a household income and household size described under Class B who also meet any of the following conditions:

- i. the dwelling to which the account relates is heated primarily by electricity;
- ii. the account-holder or any member of the account-holder's household is an Aboriginal person; or
- iii. the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates

OESP Credit \$ (50.00)

Class G

Class G comprises account-holders with a household income and household size described under Class C who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (55.00)

Class H

Class H comprises account-holders with a household income and household size described under Class D who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person ; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (60.00)

Class I

Entegrus Powerlines Inc.
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EB-2016-0063

Class I comprises account-holders with a household income and household size described under paragraphs (a) or (b) of Class F who also meet any of the following conditions:

- (a) the dwelling to which the account relates is heated primarily by electricity;
- (b) the account-holder or any member of the account-holder's household is an Aboriginal person; or
- (c) the account-holder or any member of the account-holder's household regularly uses, for medical purposes, an electricity-intensive medical device at the dwelling to which the account relates.

OESP Credit \$ (75.00)

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2017
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EB-2016-0063

GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account taking electricity at 750 volts or less whose average monthly maximum gross demand over a period of 12 consecutive months is less than, or is forecast to be less than, 50 kW and includes multi-unit residential establishments such as apartment buildings supplied through one service (bulk-metered) with greater than 6 units. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.59
Rate Rider for Smart Metering Entity Charge - effective until October 31, 2018	\$	0.79
Distribution Volumetric Rate	\$/kWh	0.0101
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0013)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kWh	0.0008
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0013)
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kWh	(0.0022)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0063

GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification applies to a non-residential account whose average monthly maximum gross demand over a period of 12 consecutive months is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW.

Class A and Class B customers are defined in accordance with O.Reg.429/04. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	99.17
Distribution Volumetric Rate	\$/kW	3.2846
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kW	(0.0013)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0807
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018 Applicable only for Non-Wholesale Market Participants	\$/kW	(0.8633)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	0.3650
Low Voltage Service Rate (see Note 1)	\$/kW	0.6201
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.8185)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kW	0.1166
Retail Transmission Rate - Network Service Rate	\$/kW	2.6311
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	1.9709

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
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EB-2016-0063

LARGE USE SERVICE CLASSIFICATION

This classification applies to an account whose average monthly maximum gross demand over a period of 12 consecutive months is equal to or greater than, or is forecast to be equal to or greater than, 5,000 kW. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1,513.31
Distribution Volumetric Rate	\$/kW	2.3110
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0013)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.2487
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.4969)
Low Voltage Service Rate (see Note 1)	\$/kW	0.6818
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.9313)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kW	0.0500
Retail Transmission Rate - Network Service Rate	\$/kW	2.7918
Retail Transmission Rate - Line and Transformation Connection Service Rate (see Note 1)	\$/kW	2.1668

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
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UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

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

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	8.19
Distribution Volumetric Rate	\$/kWh	0.0015
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kWh	(0.0013)
Low Voltage Service Rate	\$/kWh	0.0015
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kWh	(0.0022)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kWh	0.0003
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0060
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0047

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
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SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to accounts that are an unmetered lighting load supplied to a sentinel light. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	7.44
Distribution Volumetric Rate	\$/kW	0.6671
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0013)
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.4536)
Low Voltage Service Rate	\$/kW	0.4661
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.7777)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kW	0.1038
Retail Transmission Rate - Network Service Rate	\$/kW	1.9328
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4812

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
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STREET LIGHTING SERVICE CLASSIFICATION

This classification applies to an account for roadway lighting with a Municipality, Regional Municipality, Ministry of

Transportation and private roadway lighting, controlled by photo cells. The consumption for these customers will be based on the calculated connected load times the required lighting times established in the approved Ontario Energy Board street lighting load shape template. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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

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

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

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

MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	1.13
Distribution Volumetric Rate	\$/kW	0.9513
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018 Applicable only for Non-RPP Customers	\$/kWh	(0.0013)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2017) - effective until April 30, 2018	\$/kW	0.0069
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.4197)
Low Voltage Service Rate	\$/kW	0.4552
Rate Rider for Disposition of Account 1576 - effective until April 30, 2018	\$/kW	(0.7260)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kWh	0.0974
Retail Transmission Rate - Network Service Rate	\$/kW	1.9130
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.4467

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

Entegrus Powerlines Inc.
TARIFF OF RATES AND CHARGES
Effective and Implementation Date May 1, 2017
This schedule supersedes and replaces all previously
approved schedules of Rates, Charges and Loss Factors

EB-2016-0063

EMBEDDED DISTRIBUTOR SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	131.37
Rate Rider for Disposition of Global Adjustment Account (2017) - effective until April 30, 2018		
Applicable only for Non-RPP Customers	\$/kWh	(0.0013)
Low Voltage Service Rate	\$/kW	0.6201
Rate Rider for Disposition of Deferral/Variance Accounts (2017) - effective until April 30, 2018	\$/kW	(0.5637)
Rate Rider for Capacity Based Recovery - Applicable for non-Wholesale Market Participants and Class B customers.	\$/kW	0.1290
Retail Transmission Rate - Network Service Rate	\$/kW	2.6311
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	1.9709

MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate	\$/kWh	0.0036
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0013
Ontario Electricity Support Program (OESP)	\$/kWh	0.0011
Standard Supply Service – Administration Charge (if applicable)	\$	0.25

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EB-2016-0063

STANDBY POWER SERVICE

This classification refers to an account that has Load Displacement Generation and requires the distributor to provide backup service. Further servicing details are available in the distributor's Conditions of Service.

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

General Service > 50 kW Standby Charge – for a customer whose facility is in the General Service > 50 kW rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer capacity contracted by a facility exceeds the actual demand.	\$/kW	3.2846
Large Use Standby Charge – for a customer whose facility is in the Large Use rate class and for a month where actual demand is less than contracted demand. The charge is applied to the amount by which the amount of load transfer capacity contracted by a facility exceeds the actual demand.	\$/kW	2.3110

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microFIT SERVICE CLASSIFICATION

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

APPLICATION

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MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	5.40
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ALLOWANCES

Transformer Allowance for Ownership – per kW of billing demand/month	\$/kW	(0.6000)
Primary Metering Allowance for Transformer Losses – applied to measured demand & energy	%	(1.00)

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SPECIFIC SERVICE CHARGES

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Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Easement letter	\$	15.00
Returned cheque charge (plus bank charges)	\$	15.00
Account setup charge/change of occupancy charge	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

Non-Payment of Account

Late payment – per month	%	1.50
Late payment – per annum	%	19.56
Disconnect/reconnect charge – at meter – during regular hours	\$	65.00
Disconnect/reconnect charge – at meter – after regular hours	\$	185.00

Other

Temporary service install and remove – overhead – no transformer	\$	500.00
Temporary service install and remove – overhead – with transformer	\$	1,000.00
Specific charge for access to the power poles – per pole/year (with the exception of wireless attachments)	\$	22.35
Switching for company maintenance – charge based on time and materials	\$	T&M

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RETAIL SERVICE CHARGES (if applicable)

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Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	100.00
Monthly fixed charge, per retailer	\$	20.00
Monthly variable charge, per customer, per retailer	\$/cust	0.5000
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust	0.3000
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust	(0.3000)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.25
Processing fee, per request, applied to the requesting party	\$	0.50

Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party up to twice a year

up to twice a year	\$	No charge
More than twice a year, per request (plus incremental delivery costs)	\$	2.00

LOSS FACTORS

Total Loss Factor – Secondary Metered Customer < 5,000 kW	1.0432
Total Loss Factor – Secondary Metered Customer > 5,000 kW	1.0149
Total Loss Factor – Primary Metered Customer < 5,000 kW	1.0328
Total Loss Factor – Primary Metered Customer > 5,000 kW	1.0049

ATTACHMENT J

Certificate of Evidence



Entegrus Powerlines Inc.
320 Queen St. (P.O. Box 70)
Chatham, ON N7M 5K2
Phone: (519) 352-6300
Toll Free: 1-866-804-7325
entegrus.com

Certification of Evidence

As Chief Financial and Regulatory Officer of Entegrus Powerlines Inc., I certify that the evidence filed in the Entegrus Powerlines 2017 IRM application is accurate to the best of my knowledge and belief. This filing is consistent with the requirements of Chapter 3 of the Board's Filing Requirements for Transmission and Distribution Rate Applications.

Chris Cowell

Chief Financial & Regulatory Officer

Entegrus Powerlines Inc.