

**VIA RESS, EMAIL and COURIER**

March 09, 2018

Ms. Kirsten Walli  
Board Secretary  
Ontario Energy Board  
2300 Yonge Street, 27<sup>th</sup> Floor  
Toronto, Ontario  
M4P 1E4

Dear Ms. Walli:

**Re: EB-2018-0090 (GRAM Application)**

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Today, we are filing one electronic copy of the Application of Enbridge Gas Distribution Inc. ("Enbridge") in Word and PDF formats, and two paper copies of the Application with the supporting evidence (binder format) by courier, requesting an order approving or fixing rates for the sale, distribution, storage, and transmission of gas effective April 1, 2018.

The Board approved the original Quarterly Rate Adjustment Mechanism ("GRAM") process, and subsequent modifications in the following proceedings, RP-2000-0040, RP-2002-0133 and RP-2003-0203. On September 21, 2009, the Board issued its Decision in the GRAM Generic Proceeding under docket number EB-2008-0106. This Application and the supporting evidence were both prepared in accordance with the process for Enbridge's GRAM and the EB-2008-0106 Decision. A description of the GRAM process is attached to this Application as Appendix A.

Enbridge is concurrently serving an electronic copy of the Application with supporting evidence in PDF format, or a hard copy (binder format) by courier, if requested, on the interested parties listed in Appendix B to this Application.

The following is the proposed procedural schedule for processing the Application, according to the prescribed regulatory framework for the GRAM process:

- Any responsive comments from interested parties must be filed with the Board, and served on Enbridge and the other interested parties, on or before March 14, 2018.

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Ms. Walli

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- Any reply comments from Enbridge must be filed with the Board, and served on all interested parties, on or before March 16, 2018.
- The Board would thereafter issue an order approving the applied-for rate adjustments, or modifying them as required, effective April 1, 2018.

Enbridge requests the Board to issue such an order on or before March 22, 2018. Enbridge would then be able to implement the resultant rates during Enbridge's first billing cycle in April 2018.

The prescribed procedures for processing cost claims are as follows:

- Due to the mechanistic nature of the QRAM application, the Board does not anticipate awarding costs. Parties that meet the eligibility criteria contained in the Board's Practice Direction on Cost Awards may submit costs with supporting rationale as to how their participation contributed to the Board's ability to decide on this matter.
- Any party eligible for an award of costs must file a claim with the Board and Enbridge no later than ten days from the date of the Board's decision and order. Should Enbridge have any comments concerning any of the claims, these concerns shall be forwarded to the Board and to the claimant within seven days of receiving the claims. Any response to Enbridge's comments must be filed with the Board and Enbridge within seven days of receiving the comments.

Yours truly,

[original signed by]

Andrew Mandyam

Director, Regulatory Affairs, Financial Planning and Analysis

cc: Mr. Fred Cass, Aird & Berlis LLP  
All Interested Parties EB-2017-0086

APPLICATION FOR RATE ADJUSTMENT - GAS COSTS – Q2

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
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Q2-1 – Administration

1	1	Exhibit List	K. Culbert
2	1	Application	T. Persad

Q2-2 – Written Direct Evidence

1	1	Forecast of Gas Costs	D. Small
2	1	Annualized Impact of the April 1, 2018 Quarterly Rate Adjustment on the Company's Fiscal 2017 Rates and Revenue Requirement	R. Small
	2	Deferral and Variance Account Actual and Forecast Balances	R. Small
3	1	Working Cash and Cost Allocation	B. So
4	1	Rate Design - Quarterly Rate Adjustment Mechanism	J. Collier

Q2-3 – Supporting Schedules

1	1	Summary of Gas Cost to Operations	D. Small
	2	Component of the Purchased Gas Variance Account – Gas Acquisition Costs	D. Small
	3	Component of the Purchased Gas Variance Account – Gas in Inventory Re-Valuation	D. Small
	4	Monthly Pricing Information	D. Small
	5	Extraction Review	D. Small

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>Q2-3</u>	2	1	Impact on Revenue Requirement	R. Small
		2	Impact on Rate Base and Associated Gross Carrying Cost	R. Small
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		4	Calculation of the Inventory Adjustment	R. Small
		5	Gas in Storage Month End Balances and Average of Monthly Averages	R. Small
	3	1	Classification of Change in Rate Base and Cost of Service	B. So
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		3	Tecumseh Gas Rate Derivation	B. So
		4	Allocation Factors	B. So
	4	1	Revenue Comparison – Current Methodology vs. Proposed by Rate Class and Component	J. Collier
		2	Fiscal Year Revenue Comparison Current Revenue vs. Proposed by Rate Class	J. Collier
		3	Summary of Proposed Rate Change by Rate Class	J. Collier
		4	Calculation of Gas Supply Charges by Rate Class	J. Collier
		5	Detailed Revenue Calculations EB-2017-0347 vs. EB-2018-0090	J. Collier

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>Q2-3</u>	4	6	Annual Bill Comparisons EB-2018-0090 vs. EB-2017-0347	J. Collier
		7	Annual Bill Comparisons Cap and Trade for non-large emitters	J. Collier
		8	Annual Bill Comparisons Cap and Trade for large emitters	J. Collier
		9	Rate Handbook	J. Collier
		10	Rate Rider Summary	J. Collier

Decision and Interim Rate Order

**ONTARIO ENERGY BOARD**

**IN THE MATTER OF** the *Ontario Energy Board Act*,  
1998, S.O. 1998, c. 15, Sched. B, as amended.

**AND IN THE MATTER OF** an Application by  
Enbridge Gas Distribution Inc. for an Order approving  
or fixing rates for the sale, distribution, storage, and  
transmission of gas effective April 1, 2018.

**APPLICATION FOR  
RATE ADJUSTMENT  
Gas Costs  
Second Quarter - Test Year 2018**

**Introduction**

1. Enbridge Gas Distribution Inc. ("Enbridge") hereby applies to the Board for an order approving or fixing rates for the sale, distribution, storage, and transmission of gas effective April 1, 2018. This Application is made pursuant to, and the order would be issued under, section 36 of the *Ontario Energy Board Act, 1998*, as amended.
2. This Application and the supporting evidence were prepared in accordance with the process for Enbridge's Quarterly Rate Adjustment Mechanism ("QRAM"). The Board approved the original QRAM process, and subsequent modifications, in the following proceedings:
  - RP-2000-0040: The QRAM process was prescribed, under Issue 2.2, in the "Settlement Proposal (Main Case)" dated May 11, 2001; see Exhibit N2, Tab 1, Schedule 1, pp. 13-18 of 54. The Board approved the entire Settlement Proposal on May 30, 2001; see transcript volume no. 1, pp. 107-9.
  - RP-2002-0133: The QRAM process was modified, under Issue 4.2, in the Settlement Proposal dated March 14, 2003; see Exhibit N1, Tab 1, Schedule 1, pp. 21-25 of 93. The Board approved the entire Settlement Proposal on March 20, 2003; see transcript volume 1, para. 687.

- RP-2003-0203: The QRAM process was modified, under Issue 15.11 in the Settlement Proposal dated June 17, 2004, Exhibit N1, Tab 1, Schedule 1, pp. 56-58 of 59. The Board approved the entire Settlement Proposal on June 16, 2003; see transcript volume 1, paragraphs. 32 to 39.
  - EB-2008-0106: The QRAM process was modified in the Board's Decision dated September 21, 2009 at pages 5, 16 and 22.
3. The particulars of the QRAM process are described, for ease of reference, in Appendix A to this Application. Pursuant to the Board's direction, the "Regulatory Framework" has further been modified to include procedures for processing cost claims and awards, if any.

#### **Utility Price and Customer Impacts**

4. Enbridge's utility price from EB-2017-0347 is \$169.446/10<sup>3</sup>m<sup>3</sup> (\$4.410/GJ @ 38.42 MJ/m<sup>3</sup>). Enbridge has recalculated the utility price for the second quarter of Test Year 2018 using the prescribed methodology reflecting a lower utility cost. The recalculated utility price is \$153.575/10<sup>3</sup>m<sup>3</sup> (\$3.997/GJ @ 38.42 MJ/m<sup>3</sup>).
5. The resultant rates would decrease the total bill for a typical residential customer on system gas by \$36.94 or 4.3% (approx.) annually and, for a typical residential customer on direct purchase, would decrease the total bill by \$21.37 or 3.5% (approx.) annually.

#### **PGVA**

6. The new PGVA rider methodology adopted by the Company in its January 1, 2010 QRAM filing allows it to make adjustments through rate riders for variances in commodity, transportation and load balancing costs for all bundled customers.
7. Effective from April 1, 2018 to March 31, 2019 the Rider C unit rate for residential customers on sales service is (0.0885)¢/m<sup>3</sup>, for Western T-service it is 0.1221 ¢/m<sup>3</sup> and for Ontario T-service and Dawn T-service it is 0.2340 ¢/m<sup>3</sup>.

### **Regulatory Framework**

8. The QRAM process includes the regulatory framework for interested parties as well as the Board and its staff to examine the Application with the supporting evidence and, thereafter, for the Board to issue an order disposing of the Application. Enbridge's list of interested parties is presented in Appendix B; the list includes the name(s) of the parties and their respective representative(s).
9. The following is the prescribed regulatory framework for processing the Application:
  - Any responsive comments from interested parties are filed with the Board, and served to Enbridge and the other interested parties, on or before March 14, 2018.
  - Any reply comments from Enbridge are filed with the Board, and served on all interested parties, on or before March 16, 2018.
  - The Board thereafter issues an order approving the applicable rate adjustments or modifying them as required, effective April 1, 2018.
10. Enbridge requests that the Board issue such an order on or before March 22, 2018 (if possible). Enbridge would then be able to implement the resultant rates during the first billing cycle in April 2018.
11. The following procedures are prescribed for cost claims for QRAM applications, as directed by the Board on February 14, 2007:
  - Due to the mechanistic nature of the QRAM application, the Board does not anticipate awarding costs. Parties that meet the eligibility criteria contained in the Board's Practice Direction on Cost Awards may submit costs with supporting rationale as to how their participation contributed to the Board's ability to decide on this matter.
  - Any party eligible for an award of costs must file a claim with the Board and Enbridge no later than ten days from the date of the Board's decision and order. Should Enbridge have any comments concerning any of the claims, these concerns shall be forwarded to the Board and to the claimant within seven days of receiving the claims. Any response to Enbridge's comments must be filed with the Board and Enbridge within seven days of receiving the comments.



12. Enbridge also requests that all documents in relation to the Application and its supporting evidence, including the responsive comments of any interested party, be served on Enbridge and its counsel as follows:

(1) Mr. Andrew Mandyam  
Director, Regulatory Affairs, (416) 495-5499  
Financial Planning and (416) 495-6072  
Analysis egdregulatoryproceedings@enbridge.com

Telephone:

Fax:

Electronic access:

(2) Ms. Tania Persad (416) 495-5891  
Senior Legal Counsel, (416) 495-5994  
Regulatory tania.persad@enbridge.com

Telephone:

Fax:

Electronic access:

Address for personal service: Enbridge Gas Distribution Inc.  
500 Consumers Road  
Willowdale, Ontario  
M2J 1P8

Mailing address: P.O. Box 650  
Scarborough, Ontario  
M1K 5E3

DATE: March 9, 2018

**ENBRIDGE GAS DISTRIBUTION INC.**

[original signed by]

Per: \_\_\_\_\_

Andrew Mandyam

Director, Regulatory Affairs, Financial Planning and Analysis

## **QUARTERLY RATE ADJUSTMENT MECHANISM**

### **Introduction**

1. The QRAM process approved by the Board for Enbridge now comprises the following components: the calculation of a forecast price for rate-making purposes during a test year ("utility price"); the means of adjusting the utility price for rate-making purposes during a test year; the means of calculating and clearing variances recorded in Enbridge's Purchased Gas Variance Account ("PGVA"); the regulatory framework for approving adjustments and clearances; and the means of providing pricing information to end-use customers, or their marketers, and to other stakeholders as well.
2. The QRAM process is intended to achieve or accommodate the following eight principles:
  - more reflective of market prices on an ongoing basis;
  - enhanced price transparency;
  - regular quarterly review process;
  - customer awareness, customer acceptance, and less confusion in the marketplace;
  - mitigation of large adjustments of customer bills;
  - fairness and equity among all customer groups;
  - implementation in a cost effective manner; and
  - reduced regulatory burden relative to the former "trigger methodology", and the related rate adjustment mechanism, for Enbridge's PGVA.

### **Utility Price**

3. Enbridge calculates the utility price for a test year by using its Board-approved methodology to develop a forecast of its supply (i.e., commodity) costs, including buy/sell as well as system gas, and its transportation costs for the test year. The forecast of supply costs includes the forecast price of natural gas based on a so-called "21-day strip".
4. This 21-day strip represents the simple average of future market prices, as reported by various media and other services, over a 21-day period for a basket of pricing periods, pricing points, and pricing indices that reflects

Enbridge's gas purchase arrangements, both actual and anticipated, during the 12 months subsequent to the 21-day period.

5. Enbridge uses the initial utility price as the basis for calculating the gas supply charges for Sales service, subject to subsequent adjustment(s), during a test year. Sales service is provided to buy/sell gas customers, who are direct purchasers, as well as to system gas customers. Enbridge also uses the initial utility price for PGVA purposes.

### **Price Adjustment**

6. Enbridge recalculates the utility price, using the same methodology, for each of the subsequent three quarters of the test year. The forecast of the price of natural gas, in each case, is based on a 21-day strip. The last day of each 21-day strip precedes the quarter in question by no more than 31 days.
7. Whenever a recalculated utility price comes into effect at the beginning of a quarter, Enbridge calculates the consequential effect of this price on the following commodity-related costs: carrying costs of gas in storage, working cash allowance (gas costs), unbilled and unaccounted for gas, company-use gas, and lost and unaccounted for gas (storage). Enbridge then uses the recalculated utility price, together with the consequential effect on these commodity-related costs, as the basis for adjusting the revenue requirement for a test year and, in turn, the gas supply charges for sales service, transportation charges for Sales and Western T-service, and the delivery charges and gas supply load balancing charges (when discrete) for distribution service, effective as of the beginning of the quarter. Enbridge also begins to use the recalculated utility price for PGVA purposes on the same effective date.
8. The following provisions apply when adjusting the revenue requirement for a test year:
  - (a) The volumetric forecast of Sales service, Western T-service and Ontario T-service is Enbridge's as-filed forecast for the test year, as updated (if any), until there is a Board-approved forecast. The latter is the volumetric forecast thereafter.
  - (b) The capital structure for rate base and rate of return purposes is Enbridge's as-filed capital structure for the test year, as updated (if

any), until there is a Board-approved capital structure. The latter is the capital structure thereafter.

- (c) The cost of equity for rate of return purposes is the Board-approved rate of return on equity ("ROE") for the prior test year, notwithstanding Enbridge's as-filed ROE, until there is a Board-approved ROE for the test year. The latter is the cost of equity thereafter.

### **PGVA**

- 9. Enbridge records in the PGVA the product derived by multiplying the volumes delivered during each month of a test year by the variances between the utility price in effect and Enbridge's actual purchased gas costs per unit during each month of a test year.
- 10. Enbridge shall use the AECO index plus Nova transportation plus fuel costs as the benchmark in calculating the components of the PGVA.
- 11. Whenever a recalculated utility price comes into effect at the beginning of a quarter, the opening balance of gas in storage is adjusted at the same time in order to reflect the recalculated utility price. The resultant debits or credits, as the case may be, are recorded in the PGVA as commodity-related entries.
- 12. For the purpose of developing rate riders (i.e. Rider C unit rates) for clearance of the PGVA balance, Enbridge identifies the balances / amounts attributable to commodity, transportation and load balancing components of the PGVA.
- 13. Each quarter, Enbridge forecasts the balances / amounts attributable to commodity, transportation and load balancing components of the PGVA for the following 12 month period. Enbridge also records variances reflecting the difference between what was forecast to be recovered in the previous quarter from rate riders and what was actually recovered. These variances are included in the establishment of the rate rider unit rates for the next 12 month period. As a result, Enbridge updates quarterly its rate rider unit rates to reflect the updated forecast of PGVA balances and the historical recovery variance.

14. Based on the amounts attributable to commodity, transportation and load balancing components of the PGVA, individual riders are determined and applied to Sales service, Western T-service and Ontario T-service. The unit rates are derived based on the 12 month test year forecast of volumes (i.e. 12-month rolling rider methodology). The rate riders (i.e. Rider C unit rates) become effective at the beginning of the quarter and specify, by rate class, the unit rates for Sales, Western T-service and Ontario T-service customers.
15. Whenever there is a change in upstream transportation tolls during a quarter, Enbridge records the consequential effect of the change in the PGVA. Enbridge also adjusts the transportation charge for all Sales and Western T-service customers at the beginning of the next quarter, in order to account for the consequential effect of the changes in upstream transportation tolls.

**Regulatory Framework (Including Cost Awards)**

16. Enbridge maintains and updates, from time to time, a list of interested parties for the purposes of the QRAM process; for example, serving documents filed with the Board. An "interested party" is Board staff, an intervenor in Enbridge's most recent rates proceeding, and any other stakeholder in Enbridge's franchise area who advises Enbridge of its interest in the QRAM process. The list of interested parties includes the name of each interested party and, as each of them indicates, the name(s) of their respective representative(s) and any limitation(s) on service (e.g., application only). Enbridge also maintains and updates the address(es) for service of each such representative.
17. Each quarter, Enbridge files a corresponding application and supporting evidence with the Board, and serves one or both on each interested party's representative(s), no fewer than 19 calendar days prior to the quarter in question. The application seeks approval of the applicable utility price for PGVA purposes, the corresponding gas supply charges for sales service, the corresponding transportation charge for Sales and Western T-service and delivery charges and gas supply load balancing charges (when discrete) for distribution service, and the rate rider to be used to clear the PGVA balance. The application will include an executive summary of the application in a tabular format or otherwise.

18. Interested parties may file with the Board, and serve on Enbridge and the other interested parties, comments in response to each application. The deadline for filing and serving responsive comments is five calendar days after Enbridge files and serves its application. Enbridge may file with the Board, and serve on the interested parties, comments in reply to any responsive comments. The deadline for reply comments is two calendar days after the interested parties file and serve their respective responsive comments.
19. The Board thereafter issues an order, prior to the quarter in question if possible, approving the applicable utility price for PGVA purposes, the corresponding gas supply charges for sales service, the corresponding gas distribution, transportation and load balancing charges (when discrete) for distribution service, and the rate rider to be used to clear PGVA, or modifying them as required, effective as of the beginning of the quarter.
20. Due to the mechanistic nature of the QRAM application, the Board does not anticipate awarding costs. Parties that meet the Board eligibility criteria contained in the Board's Practice Direction on Cost Awards may submit costs with supporting rationale as to how their participation contributed to the Board's ability to decide on this matter.
21. Any party eligible for an award of costs must file a claim with the Board and Enbridge no later than ten days from the date of the Board's decision and order. Should Enbridge have any comments concerning any of the claims, these concerns shall be forwarded to the Board and to the claimant within seven days of receiving the claims. Any response to Enbridge's comments must be filed with the Board and Enbridge within seven days of receiving the comments.

### **Pricing Information**

22. Enbridge's monthly bill displays the gas supply charges for Sales service and the rate rider (if any) in effect for the month, and the total of the two when there is a rate rider, expressed in ¢/m<sup>3</sup> in each case. Enbridge ensures that customers are given a clear explanation, by means of a message on the bill or a bill insert, of the pricing information displayed on the bill and, whenever the pricing information changes, of the significance of the changes.

23. Enbridge posts on its website, promptly after receiving the Board's order in this regard, information on the gas supply charges for Sales service and the rate rider (if any), and the total of the two when there is a rate rider, expressed in ¢/m<sup>3</sup> in each case. Enbridge provides on its website a meaningful description of the posted information so as to inform customers of its significance, in plain language, and of the significance of changes in the posted information whenever change occurs.
24. Enbridge's website provides links to other websites, such as [energyshop.com](http://energyshop.com), that provide prices and other information on competitive gas services in Enbridge's franchise area.
25. Enbridge also makes similar information available, through an additional branch, on Enbridge's Curtailment and Buy/Sell Information Line on a timely basis.

## **List of Interested Parties**

Filed electronically (email) only

<b>ASSOCIATION OF POWER PRODUCERS OF ONTARIO (“APPrO”)</b>	David Butters
<b>ASSOCIATION OF POWER PRODUCERS OF ONTARIO (“APPrO”)</b>	Jessica-Ann Buchta
<b>ASSOCIATION OF POWER PRODUCERS OF ONTARIO (“APPrO”)</b>	John A. D. Vellone
<b>ASSOCIATION OF POWER PRODUCERS OF ONTARIO (“APPrO”)</b>	John Wolnik
<b>BUILDING OWNERS AND MANAGERS ASSOCIATION OF THE GREATER TORONTO AREA (“BOMA”)</b>	Thomas Brett
<b>BUILDING OWNERS AND MANAGERS ASSOCIATION OF THE GREATER TORONTO AREA (“BOMA”)</b>	Marion Fraser
<b>CANADIAN MANUFACTURERS &amp; EXPORTERS (“CME”)</b>	Paul Clipsham
<b>CANADIAN MANUFACTURERS &amp; EXPORTERS (“CME”)</b>	Scott Pollock
<b>CANADIAN MANUFACTURERS &amp; EXPORTERS (“CME”)</b>	Emma Blanchard
<b>CONSUMERS COUNCIL OF CANADA (“CCC”)</b>	Julie Girvan
<b>ENERGY PROBE RESEARCH FOUNDATION (“Energy Probe”)</b>	Roger Higgin
<b>ENERGY PROBE RESEARCH FOUNDATION (“Energy Probe”)</b>	Brady Yauch
<b>FEDERATION OF RENTAL-HOUSING PROVIDERS OF ONTARIO</b>	Dwayne R. Quinn
<b>INDUSTRIAL GAS USERS ASSOCIATION (“IGUA”)</b>	Shahrzad Rahbar, PhD



<b>INDUSTRIAL GAS USERS ASSOCIATION (“IGUA”)</b>	Ian Mondrow
<b>INDUSTRIAL GAS USERS ASSOCIATION (“IGUA”)</b>	Laura Van Soelen
<b>ONTARIO ASSOCIATION OF PHYSICAL PLANT ADMINISTRATORS (“OAPPA”)</b>	Valerie Young
<b>SCHOOL ENERGY COALITION</b>	Wayne McNally
<b>SCHOOL ENERGY COALITION</b>	Mark Rubenstein
<b>SCHOOL ENERGY COALITION</b>	Jay Shepherd
<b>TRANSCANADA PIPELINES LIMITED (“TransCanada”)</b>	Matthew Ducharme
<b>TRANSCANADA PIPELINES LIMITED (“TransCanada”)</b>	Roman Karski
<b>TRANSCANADA PIPELINES LIMITED (“TransCanada”)</b>	Lisa Jamieson
<b>UNION GAS LIMITED (“Union”)</b>	Patrick McMahon
<b>VULNERABLE ENERGY CONSUMERS COALITION (“VECC”)</b>	Cynthia Khoo
<b>VULNERABLE ENERGY CONSUMERS COALITION (“VECC”)</b>	Mark Garner

## List of Other Interested Parties

<b>GAZIFERE INC.</b>	Mr. Jean-Beniot Trahan
<b>ONTARIO ENERGY BOARD – BOARD STAFF</b>	Ms. Azalyn Manzano

## FORECAST OF GAS COSTS

### Purpose of Evidence

1. The Company is updating its forecast of gas costs effective April 1, 2018 in accordance with the Quarterly Rate Adjustment Mechanism pricing methodology in place and stemming from Settlement Agreements and Board Decisions in RP-2000-0040, RP-2002-0133, RP-2003-0203 and EB-2008-0106.
2. The Company recalculated the Utility Price based upon a 21-day average of various indices from January 31, 2018 to February 28, 2018 for 12 months commencing April 1, 2018 and applied these monthly prices to the 2018 forecasted annual volume of gas purchases as filed in EB-2017-0086 at Exhibit D1, Tab 2, Schedule 5.
3. In executing its gas supply plan to date Enbridge has entered into gas supply contracts with a number of counterparties for varying volumes and terms (i.e., annual and seasonal arrangements). These gas supply contracts have sometimes included premiums or discounts to actual natural gas market price indices. The Company has entered into an annual supply arrangement for its Niagara/Chippawa purchases at an average discount of \$0.140 US/Mmbtu relative to the Dawn index. Enbridge has reflected these discounts in the derivation of the reference price established as a part of the QRAM process.
4. The recalculated Utility Price is  $\$153.575/10^3\text{m}^3$  (\$3.997/GJ) (as per Exhibit Q2-3, Tab 1, Schedule 1, p. 1). This represents a unit cost decrease of  $\$15.871/10^3\text{m}^3$  or \$0.413/GJ to the January 1, 2018 reference price of  $\$169.446/10^3\text{m}^3$  (\$4.410/GJ) as shown at EB-2017-0347 Exhibit Q1-3, Tab 1, Schedule 1, page 1.

Witness: D. Small

5. The Company is proposing to change its Utility Price, effective April 1, 2018 to \$153.575/10<sup>3</sup>m<sup>3</sup> and change rates accordingly.
6. The recalculated Utility Price of \$153.575/10<sup>3</sup>m<sup>3</sup> represents an annual Western Canadian price of approximately \$2.327/GJ at Empress (Exhibit Q2-3, Tab 1, Schedule 4, Column 1). This compares to the forecasted January 2018 Utility Price of \$169.446/10<sup>3</sup>m<sup>3</sup> which represented an annual Western Canadian price of approximately \$2.520/GJ at Empress. The forecasted January 2018 Utility Price was based upon a 21-day average of various prices, exchange rates and basis differential from November 2, 2017 to November 30, 2017 for the 12 month period January 2018 to December 2018.
7. Exhibit Q2-3, Tab 1, Schedule 2, page 1, is intended to serve a number of purposes. Column 6, Item 13 indicates that, based on the forecast of gas supply purchase volumes for the 12 months April 1, 2017 to March 31, 2018, the Company projects a \$49.1 million credit balance in the Purchased Gas Variance Account at the end of March 2018 relating to the Company's gas supply acquisition excluding the impact of any true-up of any over/under collection of Rider C amounts. Column 7, Item 13 provides the Forecasted Clearance amount from the January 2018 QRAM (\$67.4 million debit). Column 8, Item 13 represents the amount in the PGVA that will need to be cleared via a prospective Rider effective April 1, 2018 (\$18.3 million debit). Columns 9 through 12 break down that PGVA balance into Commodity, Transportation and Load Balancing components. Column 6, Item 26 indicates that, based on the 2018 forecast of annual gas supply purchase volumes for the 12 months commencing April 1, 2018, the Company projects a \$(0.0) million balance in the Purchased Gas Variance Account at the end of March 2019.

8. Included in Column 1 is a forecasted amount for Extraction Revenue of \$0.3 million for the period of April 1, 2017 to February, 2018 and represents a reduction to the Company's acquisition costs. For a monthly breakdown of this amount please see Exhibit Q2-3, Tab 1 Schedule 5, page 1.
9. Exhibit Q2-3, Tab 1 Schedule 2, page 2, Items 1.1 to 1.12 provides a monthly summary of the variances associated with the April 2017 to March 2018 purchases; Items 2.1 to 2.12 provide a summary of the variances provided in the January 2018 QRAM; and Items 3.1 to 3.12 represent the monthly variances to be cleared as part of the April 2018 QRAM. Exhibit Q2-3, Tab 1 Schedule 2, pages 3 and 4 provide the breakdown of the various monthly supplies of the Company by commodity, transportation and load balancing variance.
10. Exhibit Q2-3, Tab 1, Schedule 2, pages 5 through 7 and Exhibit Q2-3, Tab 1, Schedule 3, page 2 provide the calculation of differences between forecast and actual amounts recovered or refunded through Rider C. Exhibit Q2-3, Tab 1, Schedule 2, page 5, Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts with each QRAM's Rider C amounts associated with the Commodity component of the PGVA. Exhibit Q2-3, Tab 1, Schedule 2, page 5, Item 12, represents the actual Rider C amounts recovered or refunded in the previous quarter(s). Exhibit Q2-3, Tab 1, Schedule 2, page 5, Item 13, Column 9, (\$0.9 million) represents the Rider C variances that need to be either collected or refunded to customers within the April 2018 QRAM.
11. Exhibit Q2-3, Tab 1, Schedule 2, page 6, Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts with each QRAM's Rider C amounts associated with the Transportation component of the PGVA. Exhibit Q2-3, Tab 1, Schedule 2, page 6, Item 12 represents the actual Rider C amounts recovered or refunded in

the previous quarter. Exhibit Q2-3, Tab 1, Schedule 2, page 6, Item 13, Column 9 (\$1.0 million) represents the Rider C variances that need to be either collected or refunded to customers within the April 2018 QRAM.

12. Exhibit Q2-3, Tab 1, Schedule 2, page 7, Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts associated with each QRAM's Rider C amounts associated with the Load Balancing component of the PGVA. Exhibit Q2-3, Tab 1, Schedule 2, page 7, Item 12, represents the actual Rider C amounts recovered or refunded in the previous quarter. Exhibit Q2-3, Tab 1, Schedule 2, page 7, Item 13, Column 9 (\$0.2 million) represents the Rider C variances that need to be either collected or refunded to customers within the April 2018 QRAM.
13. Exhibit Q2-3, Tab 1, Schedule 3, page 1, provides the revaluation of gas inventory based on the 2017 forecast of volumes and the change in the PGVA Reference price. The total in Item 27, Column 6 (\$8.8 million) is used in the derivation of the April 1, 2018 Rider C unit rates as depicted at Exhibit Q2-3, Tab 4, Schedule 10.
14. Exhibit Q2-3, Tab 1, Schedule 3, page 2 Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts associated with each QRAM the Rider C amounts associated with the inventory re-evaluation component of the PGVA. Exhibit Q2-3, Tab 1, Schedule 3, page 2, Item 12 represents the actual Rider C amounts recovered or refunded in the previous quarter. Exhibit Q2-3, Tab 1, Schedule 3, page 2, Item 13, Column 9 (\$4.0 million) represents the Rider C variances that need to be either collected or refunded to customers within the April 2018 QRAM.
15. The derivation of the April 1, 2018 Reference Price is based upon TCPL interim tolls effective January 1, 2018 the including updated abandonment surcharges

pursuant to NEB order TG-003-2017. The toll embedded in the April 2018 reference price is  $\$74.213/10^3\text{m}^3$  ( $\$1.932/\text{GJ}$ ) as compared to the embedded toll in the January 2018 reference price of  $\$77.694/10^3\text{m}^3$  ( $\$2.022/\text{GJ}$ ). This represents a decrease of  $\$3.481/10^3\text{m}^3$  ( $\$0.091/\text{GJ}$ ).

16. Coincident with the change in the TCPL tolls, the forecasted Dawn T-Service transportation costs have also been updated. The updated Dawn T-Service unit rate for April 1, 2018 is  $\$11.587/10^3\text{m}^3$  ( $\$0.302/\text{GJ}$ ) compared to the January 1, 2018 unit rate of  $\$12.206/10^3\text{m}^3$  ( $\$0.318/\text{GJ}$ ).

Interim Mainline 2018 Transportation Tolls and 2018 Abandonment Surcharges (TGI-003-2017)

**Storage Transportation Service**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
	(a)	(b)	(c)	(d)	(e)
1	Centram MDA	5.10726	0.1679	0.30417	0.0100
2	Union WDA	34.53326	1.1353	2.87711	0.0946
3	Union NDA	14.71771	0.4839	1.05728	0.0348
4	Union EDA	10.29604	0.3385	0.65092	0.0214
5	KPUC EDA	9.90367	0.3256	0.61503	0.0202
6	GMIT EDA	16.93265	0.5567	1.26047	0.0414
7	Enbridge CDA	5.26756	0.1732	0.18919	0.0062
8	Enbridge EDA	13.18532	0.4335	0.91645	0.0301
9	Cornwall	13.37938	0.4399	0.93410	0.0307
10	Iroquois	12.57212	0.4133	0.86018	0.0283
11	Philipsburg	16.97676	0.5581	1.26473	0.0416

**Firm Transportation - Short Notice**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
	(a)	(b)	(c)	(d)	(e)
12	Kirkwall to Thorold CDA	6.06965	0.1996	0.21292	0.0070
13	Union Parkway Belt to Goreway CDA	4.51931	0.1486	0.08213	0.0027
14	Union Parkway Belt to Victoria Square #2 CDA	5.33691	0.1755	0.15208	0.0050
15	Union Parkway Belt to Schomberg #2 CDA	5.28368	0.1737	0.14600	0.0048
16	Union Parkway Belt to Napanee #2 EDA	10.18928	0.3350	0.54446	0.0179

**Dawn Long Term Fixed Price**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)
	(a)	(b)	(c)
17	For All Dawn LTFP Contract Demand except any portion subject to a reduced term for the final 24 months of such reduced term	23.42083	0.7700
18	Any portion of Contract Demand reduced in term by 12 months for months 85 through 108	26.46250	0.8700
19	Any portion of Contract Demand reduced in term by 24 months for months 73 through 96	28.89583	0.9500
20	Any portion of Contract Demand reduced in term by 36 months for months 61 through 84	30.41667	1.0000
21	Any portion of Contract Demand reduced in term by 48 months for months 49 through 72	31.63333	1.0400
22	Any portion of Contract Demand reduced in term by 60 months for months 37 through 60	31.93750	1.0500

Notes: The tolls are inclusive of Delivery Pressure Toll and Abandonment Surcharge.  
The Abandonment Surcharges are the same as the Empress to Emerson 2 Abandonment Surcharges for FT service.

**Enhanced Market Balancing Service**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
	(a)	(b)	(c)	(d)	(e)
1	Union Parkway Belt to Union EDA	11.32565	0.3724	0.65092	0.0214

**Delivery Pressure**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)
	(a)	(b)	(c)

2	Average Delivery Pressure Toll	0.67038	0.0220
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Note: Delivery Pressure toll applies to the following locations: Emerson 1, Emerson 2, Union SWDA, Enbridge SWDA, Dawn Export, Niagara Falls, Iroquois, Chippawa and East Hereford.  
The Daily Equivalent Toll is only applicable to STS Injections, IT, Diversions, STFT and SSS.

**Union Dawn Receipt Point Surcharge**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)
	(a)	(b)	(c)
3	Union Dawn Receipt Point Surcharge	0.14587	0.0048

**Short Notice Balancing (SNB) Service**

Line No.	Particulars	Monthly Toll (\$/GJ/Month)	Daily Equivalent (\$/GJ)
	(a)	(b)	(c)
4	SNB Toll	3.43648	0.1130

Note: This SNB Toll is a representative toll for the Eastern Region.

**Energy Deficient Gas Allowance (EDGA) Service**

Line No.	Particulars	Capacity Charge (\$/GJ/D)
	(a)	(b)
5	Western Section	1.4886
6	Eastern Section	0.3640

Note: The EDGA Service capacity charge for the Western Section is the effective Empress to North Bay Junction FT Toll and the capacity charge for the Eastern Section is the effective Parkway to North Bay Junction FT Toll.  
The EDGA Service fuel charge for the Western Section includes the effective Empress to North Bay Junction monthly fuel ratio and the fuel charge for the Eastern Section includes the effective Parkway to North Bay Junction monthly fuel ratio.



TransCanada PipeLines Limited  
Interim Mainline Transportation Tolls 2018 (TGI-003-2017)  
Abandonment Surcharges Effective January 1, 2018

Notes: (i) Aggregate charges for Mainline transportation service will include the applicable transportation toll, abandonment surcharge, delivery pressure toll (if applicable) and Dawn receipt surcharge (if applicable) pursuant to the Mainline Tariff.  
(ii) Any transportation with a Union Dawn receipt point is subject to a Union Dawn Receipt Point Surcharge. Transport under FT, FT-NR, FT-SN and EMB service is subject to the monthly surcharge toll, and other transportation services are subject to the daily equivalent toll. Refer to page 2 for the Union Dawn Receipt Point Surcharge tolls.  
(iii) Transportation with receipt points from delivery areas or Spruce is for STFT and IT service only.  
(iv) The following delivery points are subject to an additional charge for delivery pressure: Emerson 1 & 2, Union SWDA, Enbridge SWDA, Dawn Export, Niagara Falls, Iroquois, Chippawa, and East Hereford. Refer to page 2 for the delivery pressure toll.  
(v) The following transportation services are subject to the Abandonment Surcharges: FT, FT-NR, STS, STS-L, SSS, FT-SN, MFP, EMB, IT, STFT, and ST-SN. The Daily Equivalent Abandonment Surcharge is only applicable to IT, SSS, STFT, ST-SN, ARPs, Diversions and STS Overrun.

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Empress	Empress	2.75362	0.0905	0.02798	0.0009
2	Empress	TransGas SSDA	9.89941	0.3255	0.86566	0.0285
3	Empress	Centram SSDA	12.82701	0.4217	1.20906	0.0398
4	Empress	Centram MDA	17.27150	0.5678	1.73010	0.0569
5	Empress	Centrat MDA	19.26166	0.6333	1.96340	0.0646
6	Empress	Union WDA	27.57818	0.9067	2.93825	0.0966
7	Empress	Nipigon WDA	30.02733	0.9872	3.22538	0.1060
8	Empress	Union NDA	42.41969	1.3946	4.67808	0.1538
9	Empress	Calstock NDA	35.47526	1.1663	3.86413	0.1270
10	Empress	Tunis NDA	39.76432	1.3073	4.36692	0.1436
11	Empress	GMIT NDA	43.29417	1.4234	4.78059	0.1572
12	Empress	Union SSMDA	38.47526	1.2649	4.21575	0.1386
13	Empress	Union NCDA	50.64558	1.6651	5.35181	0.1760
14	Empress	Union CDA	51.99243	1.7093	5.50207	0.1809
15	Empress	Union ECDA	52.28503	1.7190	5.53462	0.1820
16	Empress	Union EDA	55.89884	1.8378	5.93733	0.1952
17	Empress	Union Parkway Belt	52.08580	1.7124	5.51241	0.1812
18	Empress	Enbridge CDA	53.12240	1.7465	5.62800	0.1850
19	Empress	Enbridge Parkway CDA	52.08580	1.7124	5.51241	0.1812
20	Empress	Enbridge EDA	54.71320	1.7988	5.80533	0.1909
21	Empress	KPUC EDA	57.03916	1.8753	6.06478	0.1994
22	Empress	GMIT EDA	58.57185	1.9257	6.23542	0.2050
23	Empress	Enbridge SWDA	48.15628	1.5832	5.07441	0.1668
24	Empress	Union SWDA	48.09423	1.5812	5.06742	0.1666
25	Empress	Chippawa	53.39463	1.7554	5.65841	0.1860
26	Empress	Cornwall	55.64486	1.8294	5.90905	0.1943
27	Empress	East Hereford	61.81397	2.0322	6.59707	0.2169
28	Empress	Emerson 1	19.60902	0.6447	2.00415	0.0659
29	Empress	Emerson 2	19.60902	0.6447	2.00415	0.0659
30	Empress	Iroquois	55.06907	1.8105	5.84487	0.1922
31	Empress	Kirkwall	51.42424	1.6907	5.43850	0.1788
32	Empress	Napierville	58.30601	1.9169	6.20591	0.2040
33	Empress	Niagara Falls	53.35327	1.7541	5.65355	0.1859
34	Empress	North Bay Junction	45.27673	1.4886	5.01297	0.1648
35	Empress	Philipsburg	58.60805	1.9268	6.23968	0.2051
36	Empress	Spruce	19.26166	0.6333	1.96340	0.0646
37	Empress	St. Clair	45.40661	1.4928	5.02818	0.1653
38	Empress	Welwyn	12.82701	0.4217	1.20906	0.0398
39	Empress	Dawn Export	48.15628	1.5832	5.07441	0.1668
40	Bayhurst 1	Empress	3.25337	0.1070	0.08669	0.0029
41	Bayhurst 1	TransGas SSDA	9.40088	0.3091	0.80726	0.0265
42	Bayhurst 1	Centram SSDA	12.32727	0.4053	1.15036	0.0378
43	Bayhurst 1	Centram MDA	16.77205	0.5514	1.67140	0.0550
44	Bayhurst 1	Centrat MDA	18.76161	0.6168	1.90469	0.0626
45	Bayhurst 1	Union WDA	27.07874	0.8903	2.87985	0.0947
46	Bayhurst 1	Nipigon WDA	29.52759	0.9708	3.16668	0.1041
47	Bayhurst 1	Union NDA	41.91995	1.3782	4.61968	0.1519
48	Bayhurst 1	Calstock NDA	34.97552	1.1499	3.80543	0.1251
49	Bayhurst 1	Tunis NDA	39.26457	1.2909	4.30822	0.1416
50	Bayhurst 1	GMIT NDA	42.79473	1.4070	4.72219	0.1553
51	Bayhurst 1	Union SSMDA	37.97551	1.2485	4.15705	0.1367
52	Bayhurst 1	Union NCDA	50.11937	1.6478	5.29311	0.1740
53	Bayhurst 1	Union CDA	51.46713	1.6921	5.44337	0.1790
54	Bayhurst 1	Union ECDA	51.75974	1.7017	5.47591	0.1800
55	Bayhurst 1	Union EDA	55.37324	1.8205	5.87893	0.1933
56	Bayhurst 1	Union Parkway Belt	51.56051	1.6951	5.45371	0.1793
57	Bayhurst 1	Enbridge CDA	52.59741	1.7292	5.56929	0.1831
58	Bayhurst 1	Enbridge Parkway CDA	51.56051	1.6951	5.45371	0.1793
59	Bayhurst 1	Enbridge EDA	54.18760	1.7815	5.74662	0.1889
60	Bayhurst 1	KPUC EDA	56.51356	1.8580	6.00608	0.1975
61	Bayhurst 1	GMIT EDA	58.04625	1.9084	6.17702	0.2031
62	Bayhurst 1	Enbridge SWDA	47.63098	1.5660	5.01571	0.1649
63	Bayhurst 1	Union SWDA	47.56893	1.5639	5.00871	0.1647
64	Bayhurst 1	Chippawa	52.86903	1.7382	5.59971	0.1841
65	Bayhurst 1	Cornwall	55.11956	1.8122	5.85065	0.1924
66	Bayhurst 1	East Hereford	61.28867	2.0150	6.53837	0.2150
67	Bayhurst 1	Emerson 1	19.10958	0.6283	1.94545	0.0640
68	Bayhurst 1	Emerson 2	19.10958	0.6283	1.94545	0.0640
69	Bayhurst 1	Iroquois	54.54378	1.7932	5.78647	0.1902
70	Bayhurst 1	Kirkwall	50.89864	1.6734	5.38010	0.1769
71	Bayhurst 1	Napierville	57.78041	1.8996	6.14721	0.2021

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Bayhurst 1	Niagara Falls	52.82767	1.7368	5.59515	0.1840
2	Bayhurst 1	North Bay Junction	44.77668	1.4721	4.95457	0.1629
3	Bayhurst 1	Philipsburg	58.08275	1.9096	6.18097	0.2032
4	Bayhurst 1	Spruce	18.76161	0.6168	1.90469	0.0626
5	Bayhurst 1	St. Clair	44.90686	1.4764	4.96978	0.1634
6	Bayhurst 1	Welwyn	12.32727	0.4053	1.15036	0.0378
7	Bayhurst 1	Dawn Export	47.63098	1.5660	5.01571	0.1649
8	Calstock NDA	Empress	-	1.1663	-	0.1270
9	Calstock NDA	TransGas SSDA	-	0.9314	-	0.0995
10	Calstock NDA	Centram SSDA	-	0.8351	-	0.0882
11	Calstock NDA	Centram MDA	-	0.6904	-	0.0713
12	Calstock NDA	Centrat MDA	-	0.6236	-	0.0634
13	Calstock NDA	Union WDA	-	0.3727	-	0.0340
14	Calstock NDA	Nipigon WDA	-	0.2696	-	0.0219
15	Calstock NDA	Union NDA	-	0.3189	-	0.0277
16	Calstock NDA	Calstock NDA	-	0.0905	-	0.0009
17	Calstock NDA	Tunis NDA	-	0.2316	-	0.0175
18	Calstock NDA	GMIT NDA	-	0.3476	-	0.0311
19	Calstock NDA	Union SSMDA	-	1.0598	-	0.1146
20	Calstock NDA	Union NCDA	-	0.5339	-	0.0498
21	Calstock NDA	Union CDA	-	0.6735	-	0.0654
22	Calstock NDA	Union ECDA	-	0.6453	-	0.0623
23	Calstock NDA	Union EDA	-	0.7087	-	0.0693
24	Calstock NDA	Union Parkway Belt	-	0.6387	-	0.0615
25	Calstock NDA	Enbridge CDA	-	0.6348	-	0.0611
26	Calstock NDA	Enbridge Parkway CDA	-	0.6387	-	0.0615
27	Calstock NDA	Enbridge EDA	-	0.6680	-	0.0648
28	Calstock NDA	KPUC EDA	-	0.7441	-	0.0733
29	Calstock NDA	GMIT EDA	-	0.7945	-	0.0789
30	Calstock NDA	Enbridge SWDA	-	0.7679	-	0.0759
31	Calstock NDA	Union SWDA	-	0.7699	-	0.0762
32	Calstock NDA	Chippawa	-	0.7156	-	0.0701
33	Calstock NDA	Cornwall	-	0.6983	-	0.0682
34	Calstock NDA	East Hereford	-	0.9011	-	0.0908
35	Calstock NDA	Emerson 1	-	0.7004	-	0.0724
36	Calstock NDA	Emerson 2	-	0.7004	-	0.0724
37	Calstock NDA	Iroquois	-	0.6794	-	0.0661
38	Calstock NDA	Kirkwall	-	0.6605	-	0.0640
39	Calstock NDA	Napierville	-	0.7858	-	0.0779
40	Calstock NDA	Niagara Falls	-	0.7143	-	0.0699
41	Calstock NDA	North Bay Junction	-	0.4128	-	0.0387
42	Calstock NDA	Philipsburg	-	0.7957	-	0.0790
43	Calstock NDA	Spruce	-	0.6236	-	0.0634
44	Calstock NDA	St. Clair	-	0.7432	-	0.0774
45	Calstock NDA	Welwyn	-	0.8351	-	0.0882
46	Calstock NDA	Dawn Export	-	0.7679	-	0.0759
47	Centram MDA	Empress	-	0.5678	-	0.0569
48	Centram MDA	TransGas SSDA	-	0.3329	-	0.0293
49	Centram MDA	Centram SSDA	-	0.2367	-	0.0181
50	Centram MDA	Centram MDA	-	0.0905	-	0.0009
51	Centram MDA	Centrat MDA	-	0.1574	-	0.0088
52	Centram MDA	Union WDA	-	0.4307	-	0.0408
53	Centram MDA	Nipigon WDA	-	0.5113	-	0.0503
54	Centram MDA	Union NDA	-	0.9185	-	0.0980
55	Centram MDA	Calstock NDA	-	0.6904	-	0.0713
56	Centram MDA	Tunis NDA	-	0.8314	-	0.0878
57	Centram MDA	GMIT NDA	-	0.9475	-	0.1014
58	Centram MDA	Union SSMDA	-	0.7882	-	0.0827
59	Centram MDA	Union NCDA	-	1.1646	-	0.1202
60	Centram MDA	Union CDA	-	1.2080	-	0.1250
61	Centram MDA	Union ECDA	-	1.2177	-	0.1261
62	Centram MDA	Union EDA	-	1.3365	-	0.1393
63	Centram MDA	Union Parkway Belt	-	1.2111	-	0.1253
64	Centram MDA	Enbridge CDA	-	1.2449	-	0.1291
65	Centram MDA	Enbridge Parkway CDA	-	1.2111	-	0.1253
66	Centram MDA	Enbridge EDA	-	1.2982	-	0.1350
67	Centram MDA	KPUC EDA	-	1.3737	-	0.1435
68	Centram MDA	GMIT EDA	-	1.4251	-	0.1492
69	Centram MDA	Enbridge SWDA	-	1.0819	-	0.1109
70	Centram MDA	Union SWDA	-	1.0799	-	0.1107
71	Centram MDA	Chippawa	-	1.2541	-	0.1301
72	Centram MDA	Cornwall	-	1.3290	-	0.1385
73	Centram MDA	East Hereford	-	1.5318	-	0.1611
74	Centram MDA	Emerson 1	-	0.1679	-	0.0100
75	Centram MDA	Emerson 2	-	0.1679	-	0.0100
76	Centram MDA	Iroquois	-	1.3101	-	0.1364
77	Centram MDA	Kirkwall	-	1.1893	-	0.1229
78	Centram MDA	Napierville	-	1.4165	-	0.1482
79	Centram MDA	Niagara Falls	-	1.2528	-	0.1300
80	Centram MDA	North Bay Junction	-	1.0126	-	0.1090
81	Centram MDA	Philipsburg	-	1.4264	-	0.1493

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Centram MDA	Spruce	-	0.1574	-	0.0088
2	Centram MDA	St. Clair	-	1.0160	-	0.1094
3	Centram MDA	Welwyn	-	0.2367	-	0.0181
4	Centram MDA	Dawn Export	-	1.0819	-	0.1109
5	Centram SSDA	Empress	-	0.4217	-	0.0398
6	Centram SSDA	TransGas SSDA	-	0.1868	-	0.0122
7	Centram SSDA	Centram SSDA	-	0.0905	-	0.0009
8	Centram SSDA	Centram MDA	-	0.2367	-	0.0181
9	Centram SSDA	Centrat MDA	-	0.3021	-	0.0257
10	Centram SSDA	Union WDA	-	0.5755	-	0.0578
11	Centram SSDA	Nipigon WDA	-	0.6560	-	0.0672
12	Centram SSDA	Union NDA	-	1.0634	-	0.1150
13	Centram SSDA	Calstock NDA	-	0.8351	-	0.0882
14	Centram SSDA	Tunis NDA	-	0.9761	-	0.1047
15	Centram SSDA	GMIT NDA	-	1.0922	-	0.1184
16	Centram SSDA	Union SSMDA	-	0.9338	-	0.0998
17	Centram SSDA	Union NCDA	-	1.3168	-	0.1371
18	Centram SSDA	Union CDA	-	1.3611	-	0.1421
19	Centram SSDA	Union ECDA	-	1.3708	-	0.1431
20	Centram SSDA	Union EDA	-	1.4896	-	0.1564
21	Centram SSDA	Union Parkway Belt	-	1.3642	-	0.1424
22	Centram SSDA	Enbridge CDA	-	1.3983	-	0.1462
23	Centram SSDA	Enbridge Parkway CDA	-	1.3642	-	0.1424
24	Centram SSDA	Enbridge EDA	-	1.4505	-	0.1520
25	Centram SSDA	KPUC EDA	-	1.5270	-	0.1606
26	Centram SSDA	GMIT EDA	-	1.5774	-	0.1662
27	Centram SSDA	Enbridge SWDA	-	1.2350	-	0.1280
28	Centram SSDA	Union SWDA	-	1.2330	-	0.1278
29	Centram SSDA	Chippawa	-	1.4072	-	0.1472
30	Centram SSDA	Cornwall	-	1.4812	-	0.1555
31	Centram SSDA	East Hereford	-	1.6840	-	0.1781
32	Centram SSDA	Emerson 1	-	0.3135	-	0.0271
33	Centram SSDA	Emerson 2	-	0.3135	-	0.0271
34	Centram SSDA	Iroquois	-	1.4623	-	0.1533
35	Centram SSDA	Kirkwall	-	1.3424	-	0.1400
36	Centram SSDA	Napierville	-	1.5687	-	0.1652
37	Centram SSDA	Niagara Falls	-	1.4059	-	0.1471
38	Centram SSDA	North Bay Junction	-	1.1574	-	0.1260
39	Centram SSDA	Philipsburg	-	1.5786	-	0.1663
40	Centram SSDA	Spruce	-	0.3021	-	0.0257
41	Centram SSDA	St. Clair	-	1.1616	-	0.1265
42	Centram SSDA	Welwyn	-	0.0905	-	0.0009
43	Centram SSDA	Dawn Export	-	1.2350	-	0.1280
44	Centrat MDA	Empress	-	0.6333	-	0.0646
45	Centrat MDA	TransGas SSDA	-	0.3983	-	0.0370
46	Centrat MDA	Centram SSDA	-	0.3021	-	0.0257
47	Centrat MDA	Centram MDA	-	0.1574	-	0.0088
48	Centrat MDA	Centrat MDA	-	0.0905	-	0.0009
49	Centrat MDA	Union WDA	-	0.3640	-	0.0330
50	Centrat MDA	Nipigon WDA	-	0.4445	-	0.0424
51	Centrat MDA	Union NDA	-	0.8519	-	0.0902
52	Centrat MDA	Calstock NDA	-	0.6236	-	0.0634
53	Centrat MDA	Tunis NDA	-	0.7646	-	0.0799
54	Centrat MDA	GMIT NDA	-	0.8807	-	0.0936
55	Centrat MDA	Union SSMDA	-	0.7876	-	0.0827
56	Centrat MDA	Union NCDA	-	1.0944	-	0.1123
57	Centrat MDA	Union CDA	-	1.2075	-	0.1249
58	Centrat MDA	Union ECDA	-	1.2058	-	0.1247
59	Centrat MDA	Union EDA	-	1.2691	-	0.1318
60	Centrat MDA	Union Parkway Belt	-	1.1992	-	0.1240
61	Centrat MDA	Enbridge CDA	-	1.1913	-	0.1231
62	Centrat MDA	Enbridge Parkway CDA	-	1.1992	-	0.1240
63	Centrat MDA	Enbridge EDA	-	1.2285	-	0.1273
64	Centrat MDA	KPUC EDA	-	1.3046	-	0.1358
65	Centrat MDA	GMIT EDA	-	1.3550	-	0.1414
66	Centrat MDA	Enbridge SWDA	-	1.0814	-	0.1109
67	Centrat MDA	Union SWDA	-	1.0793	-	0.1106
68	Centrat MDA	Chippawa	-	1.2536	-	0.1301
69	Centrat MDA	Cornwall	-	1.2588	-	0.1307
70	Centrat MDA	East Hereford	-	1.4616	-	0.1533
71	Centrat MDA	Emerson 1	-	0.1674	-	0.0099
72	Centrat MDA	Emerson 2	-	0.1674	-	0.0099
73	Centrat MDA	Iroquois	-	1.2398	-	0.1285
74	Centrat MDA	Kirkwall	-	1.1888	-	0.1229
75	Centrat MDA	Napierville	-	1.3463	-	0.1404
76	Centrat MDA	Niagara Falls	-	1.2522	-	0.1299
77	Centrat MDA	North Bay Junction	-	0.9458	-	0.1012
78	Centrat MDA	Philipsburg	-	1.3562	-	0.1415
79	Centrat MDA	Spruce	-	0.0905	-	0.0009
80	Centrat MDA	St. Clair	-	1.0155	-	0.1094
81	Centrat MDA	Welwyn	-	0.3021	-	0.0257

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Centrat MDA	Dawn Export	-	1.0814	-	0.1109
2	Chippawa	Empress	64.81092	2.1308	5.65841	0.1860
3	Chippawa	TransGas SSDA	55.69048	1.8309	4.82043	0.1585
4	Chippawa	Centram SSDA	51.95440	1.7081	4.47733	0.1472
5	Chippawa	Centram MDA	46.30208	1.5223	3.95812	0.1301
6	Chippawa	Centrat MDA	46.28139	1.5216	3.95630	0.1301
7	Chippawa	Union WDA	37.37326	1.2287	3.13809	0.1032
8	Chippawa	Nipigon WDA	33.37408	1.0972	2.77065	0.0911
9	Chippawa	Union NDA	17.55741	0.5772	1.31795	0.0433
10	Chippawa	Calstock NDA	26.42083	0.8686	2.13221	0.0701
11	Chippawa	Tunis NDA	20.94674	0.6887	1.62942	0.0536
12	Chippawa	GMIT NDA	16.87882	0.5549	1.25560	0.0413
13	Chippawa	Union SSMDA	22.66468	0.7451	1.78698	0.0588
14	Chippawa	Union NCDA	10.22365	0.3361	0.64423	0.0212
15	Chippawa	Union CDA	5.21615	0.1715	0.18433	0.0061
16	Chippawa	Union ECDA	6.11223	0.2010	0.26675	0.0088
17	Chippawa	Union EDA	13.13605	0.4319	0.91189	0.0300
18	Chippawa	Union Parkway Belt	6.35435	0.2089	0.28896	0.0095
19	Chippawa	Enbridge CDA	7.28966	0.2397	0.37473	0.0123
20	Chippawa	Enbridge Parkway CDA	6.35435	0.2089	0.28896	0.0095
21	Chippawa	Enbridge EDA	16.02502	0.5269	1.17713	0.0387
22	Chippawa	KPUC EDA	12.74337	0.4190	0.87570	0.0288
23	Chippawa	GMIT EDA	19.77205	0.6500	1.52144	0.0500
24	Chippawa	Enbridge SWDA	9.87234	0.3246	0.61198	0.0201
25	Chippawa	Union SWDA	9.94808	0.3271	0.61898	0.0204
26	Chippawa	Chippawa	3.51465	0.1156	0.02798	0.0009
27	Chippawa	Cornwall	16.21969	0.5333	1.19507	0.0393
28	Chippawa	East Hereford	23.70797	0.7794	1.88279	0.0619
29	Chippawa	Emerson 1	43.29843	1.4235	3.68224	0.1211
30	Chippawa	Emerson 2	43.29843	1.4235	3.68224	0.1211
31	Chippawa	Iroquois	15.32939	0.5040	1.11325	0.0366
32	Chippawa	Kirkwall	5.90631	0.1942	0.24790	0.0082
33	Chippawa	Napierville	19.44933	0.6394	1.49163	0.0490
34	Chippawa	Niagara Falls	4.32738	0.1423	0.10281	0.0034
35	Chippawa	North Bay Junction	13.91167	0.4574	0.98307	0.0323
36	Chippawa	Philipsburg	19.81646	0.6515	1.52540	0.0502
37	Chippawa	Spruce	46.28139	1.5216	3.95630	0.1301
38	Chippawa	St. Clair	10.37330	0.3410	0.65822	0.0216
39	Chippawa	Welwyn	51.95440	1.7081	4.47733	0.1472
40	Chippawa	Dawn Export	9.87234	0.3246	0.61198	0.0201
41	Cornwall	Empress	67.54234	2.2206	5.90905	0.1943
42	Cornwall	TransGas SSDA	58.42220	1.9207	5.07137	0.1667
43	Cornwall	Centram SSDA	54.68582	1.7979	4.72827	0.1555
44	Cornwall	Centram MDA	49.06665	1.6132	4.21210	0.1385
45	Cornwall	Centrat MDA	46.47332	1.5279	3.97394	0.1307
46	Cornwall	Union WDA	36.73178	1.2076	3.07908	0.1012
47	Cornwall	Nipigon WDA	32.73320	1.0762	2.71195	0.0892
48	Cornwall	Union NDA	16.93265	0.5567	1.26047	0.0414
49	Cornwall	Calstock NDA	25.78056	0.8476	2.07320	0.0682
50	Cornwall	Tunis NDA	20.30617	0.6676	1.57041	0.0516
51	Cornwall	GMIT NDA	16.23824	0.5339	1.19690	0.0394
52	Cornwall	Union SSMDA	30.94135	1.0173	2.54740	0.0838
53	Cornwall	Union NCDA	15.03253	0.4942	1.08618	0.0357
54	Cornwall	Union CDA	14.66235	0.4821	1.05211	0.0346
55	Cornwall	Union ECDA	13.62150	0.4478	0.95660	0.0315
56	Cornwall	Union EDA	6.63357	0.2181	0.31451	0.0103
57	Cornwall	Union Parkway Belt	13.37938	0.4399	0.93410	0.0307
58	Cornwall	Enbridge CDA	12.75736	0.4194	0.87722	0.0288
59	Cornwall	Enbridge Parkway CDA	13.37938	0.4399	0.93410	0.0307
60	Cornwall	Enbridge EDA	6.15664	0.2024	0.27071	0.0089
61	Cornwall	KPUC EDA	6.99097	0.2298	0.34736	0.0114
62	Cornwall	GMIT EDA	7.06731	0.2324	0.35435	0.0117
63	Cornwall	Enbridge SWDA	18.14902	0.5967	1.37240	0.0451
64	Cornwall	Union SWDA	18.22475	0.5992	1.37940	0.0454
65	Cornwall	Chippawa	16.21969	0.5333	1.19507	0.0393
66	Cornwall	Cornwall	3.51465	0.1156	0.02798	0.0009
67	Cornwall	East Hereford	11.00293	0.3617	0.71601	0.0235
68	Cornwall	Emerson 1	49.45689	1.6260	4.24799	0.1397
69	Cornwall	Emerson 2	49.45689	1.6260	4.24799	0.1397
70	Cornwall	Iroquois	4.59930	0.1512	0.12775	0.0042
71	Cornwall	Kirkwall	14.18268	0.4663	1.00801	0.0331
72	Cornwall	Napierville	6.74429	0.2217	0.32485	0.0107
73	Cornwall	Niagara Falls	16.16950	0.5316	1.19051	0.0391
74	Cornwall	North Bay Junction	13.27079	0.4363	0.92436	0.0304
75	Cornwall	Philipsburg	7.11142	0.2338	0.35861	0.0118
76	Cornwall	Spruce	46.47332	1.5279	3.97394	0.1307
77	Cornwall	St. Clair	18.65028	0.6132	1.41833	0.0466
78	Cornwall	Welwyn	54.68582	1.7979	4.72827	0.1555
79	Cornwall	Dawn Export	18.14902	0.5967	1.37240	0.0451
80	East Hereford	Empress	75.03062	2.4668	6.59707	0.2169
81	East Hereford	TransGas SSDA	65.91018	2.1669	5.75940	0.1894

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1	East Hereford	Centram SSDA	62.17440	2.0441	5.41599	0.1781
2	East Hereford	Centram MDA	56.55553	1.8594	4.90013	0.1611
3	East Hereford	Centrat MDA	53.96160	1.7741	4.66166	0.1533
4	East Hereford	Union WDA	44.22066	1.4538	3.76710	0.1239
5	East Hereford	Nipigon WDA	40.22148	1.3224	3.39967	0.1118
6	East Hereford	Union NDA	24.42063	0.8029	1.94849	0.0641
7	East Hereford	Calstock NDA	33.26884	1.0938	2.76123	0.0908
8	East Hereford	Tunis NDA	27.79445	0.9138	2.25813	0.0742
9	East Hereford	GMIT NDA	23.72652	0.7801	1.88462	0.0620
10	East Hereford	Union SSM DA	38.42963	1.2634	3.23512	0.1064
11	East Hereford	Union NCDA	22.52080	0.7404	1.77390	0.0583
12	East Hereford	Union CDA	22.15094	0.7283	1.73983	0.0572
13	East Hereford	Union ECDA	21.10978	0.6940	1.64433	0.0541
14	East Hereford	Union EDA	14.12215	0.4643	1.00253	0.0330
15	East Hereford	Union Parkway Belt	20.86766	0.6861	1.62212	0.0533
16	East Hereford	Enbridge CDA	20.24625	0.6656	1.56494	0.0515
17	East Hereford	Enbridge Parkway CDA	20.86766	0.6861	1.62212	0.0533
18	East Hereford	Enbridge EDA	13.61876	0.4477	0.95630	0.0314
19	East Hereford	KPUC EDA	14.47925	0.4760	1.03508	0.0340
20	East Hereford	GMIT EDA	9.81363	0.3226	0.60681	0.0200
21	East Hereford	Enbridge SWDA	25.63730	0.8429	2.06012	0.0677
22	East Hereford	Union SWDA	25.71303	0.8454	2.06712	0.0680
23	East Hereford	Chippawa	23.70797	0.7794	1.88279	0.0619
24	East Hereford	Cornwall	11.00293	0.3617	0.71601	0.0235
25	East Hereford	East Hereford	3.51465	0.1156	0.02798	0.0009
26	East Hereford	Emerson 1	56.94517	1.8722	4.93571	0.1623
27	East Hereford	Emerson 2	56.94517	1.8722	4.93571	0.1623
28	East Hereford	Iroquois	12.08789	0.3974	0.81547	0.0268
29	East Hereford	Kirkwall	21.67096	0.7125	1.69573	0.0558
30	East Hereford	Napierville	11.69217	0.3844	0.77928	0.0256
31	East Hereford	Niagara Falls	23.65778	0.7778	1.87823	0.0618
32	East Hereford	North Bay Junction	20.75968	0.6825	1.61208	0.0530
33	East Hereford	Philipsburg	12.05899	0.3965	0.81304	0.0267
34	East Hereford	Spruce	53.96160	1.7741	4.66166	0.1533
35	East Hereford	St. Clair	26.13856	0.8594	2.10605	0.0692
36	East Hereford	Welwyn	62.17440	2.0441	5.41599	0.1781
37	East Hereford	Dawn Export	25.63730	0.8429	2.06012	0.0677
38	Emerson 1	Empress	19.60902	0.6447	2.00415	0.0659
39	Emerson 1	TransGas SSDA	12.46353	0.4098	1.16648	0.0384
40	Emerson 1	Centram SSDA	9.53593	0.3135	0.82308	0.0271
41	Emerson 1	Centram MDA	5.10726	0.1679	0.30417	0.0100
42	Emerson 1	Centrat MDA	5.09114	0.1674	0.30204	0.0099
43	Emerson 1	Union WDA	13.40828	0.4408	1.27720	0.0420
44	Emerson 1	Nipigon WDA	15.85682	0.5213	1.56433	0.0514
45	Emerson 1	Union NDA	28.24948	0.9288	3.01703	0.0992
46	Emerson 1	Calstock NDA	21.30475	0.7004	2.20278	0.0724
47	Emerson 1	Tunis NDA	25.59410	0.8415	2.70556	0.0890
48	Emerson 1	GMIT NDA	29.12396	0.9575	3.11953	0.1026
49	Emerson 1	Union SSM DA	21.61986	0.7108	2.23988	0.0736
50	Emerson 1	Union NCDA	35.74263	1.1751	3.69015	0.1213
51	Emerson 1	Union CDA	34.26955	1.1267	3.52590	0.1159
52	Emerson 1	Union ECDA	34.56215	1.1363	3.55875	0.1170
53	Emerson 1	Union EDA	39.44220	1.2967	4.10260	0.1349
54	Emerson 1	Union Parkway Belt	34.36293	1.1297	3.53655	0.1163
55	Emerson 1	Enbridge CDA	35.62187	1.1711	3.67677	0.1209
56	Emerson 1	Enbridge Parkway CDA	34.36293	1.1297	3.53655	0.1163
57	Emerson 1	Enbridge EDA	39.54532	1.3001	4.11416	0.1353
58	Emerson 1	KPUC EDA	39.62653	1.3028	4.12328	0.1356
59	Emerson 1	GMIT EDA	43.67286	1.4358	4.57436	0.1504
60	Emerson 1	Enbridge SWDA	30.43340	1.0006	3.09824	0.1019
61	Emerson 1	Union SWDA	30.37104	0.9985	3.09125	0.1016
62	Emerson 1	Chippawa	35.67145	1.1728	3.68224	0.1211
63	Emerson 1	Cornwall	40.74525	1.3396	4.24799	0.1397
64	Emerson 1	East Hereford	46.91436	1.5424	4.93571	0.1623
65	Emerson 1	Emerson 1	2.75362	0.0905	0.02798	0.0009
66	Emerson 1	Emerson 2	2.75362	0.0905	0.02798	0.0009
67	Emerson 1	Iroquois	40.16947	1.3206	4.18381	0.1376
68	Emerson 1	Kirkwall	33.70106	1.1080	3.46263	0.1138
69	Emerson 1	Napierville	43.40580	1.4270	4.54455	0.1494
70	Emerson 1	Niagara Falls	35.62978	1.1714	3.67768	0.1209
71	Emerson 1	North Bay Junction	31.10621	1.0227	3.35192	0.1102
72	Emerson 1	Philipsburg	43.70845	1.4370	4.57832	0.1505
73	Emerson 1	Spruce	5.09114	0.1674	0.30204	0.0099
74	Emerson 1	St. Clair	28.55121	0.9387	3.05231	0.1004
75	Emerson 1	Welwyn	9.53593	0.3135	0.82308	0.0271
76	Emerson 1	Dawn Export	30.43340	1.0006	3.09824	0.1019
77	Emerson 2	Empress	19.60902	0.6447	2.00415	0.0659
78	Emerson 2	TransGas SSDA	12.46353	0.4098	1.16648	0.0384
79	Emerson 2	Centram SSDA	9.53593	0.3135	0.82308	0.0271
80	Emerson 2	Centram MDA	5.10726	0.1679	0.30417	0.0100
81	Emerson 2	Centrat MDA	5.09114	0.1674	0.30204	0.0099

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1	Emerson 2	Union WDA	13.40828	0.4408	1.27720	0.0420
2	Emerson 2	Nipigon WDA	15.85682	0.5213	1.56433	0.0514
3	Emerson 2	Union NDA	28.24948	0.9288	3.01703	0.0992
4	Emerson 2	Calstock NDA	21.30475	0.7004	2.20278	0.0724
5	Emerson 2	Tunis NDA	25.59410	0.8415	2.70556	0.0890
6	Emerson 2	GMIT NDA	29.12396	0.9575	3.11953	0.1026
7	Emerson 2	Union SSMDA	21.61986	0.7108	2.23988	0.0736
8	Emerson 2	Union NCDA	35.74263	1.1751	3.69015	0.1213
9	Emerson 2	Union CDA	34.26955	1.1267	3.52590	0.1159
10	Emerson 2	Union ECDA	34.56215	1.1363	3.55875	0.1170
11	Emerson 2	Union EDA	39.44220	1.2967	4.10260	0.1349
12	Emerson 2	Union Parkway Belt	34.36293	1.1297	3.53655	0.1163
13	Emerson 2	Enbridge CDA	35.62187	1.1711	3.67677	0.1209
14	Emerson 2	Enbridge Parkway CDA	34.36293	1.1297	3.53655	0.1163
15	Emerson 2	Enbridge EDA	39.54532	1.3001	4.11416	0.1353
16	Emerson 2	KPUC EDA	39.62653	1.3028	4.12328	0.1356
17	Emerson 2	GMIT EDA	43.67286	1.4358	4.57436	0.1504
18	Emerson 2	Enbridge SWDA	30.43340	1.0006	3.09824	0.1019
19	Emerson 2	Union SWDA	30.37104	0.9985	3.09125	0.1016
20	Emerson 2	Chippawa	35.67145	1.1728	3.68224	0.1211
21	Emerson 2	Cornwall	40.74525	1.3396	4.24799	0.1397
22	Emerson 2	East Hereford	46.91436	1.5424	4.93571	0.1623
23	Emerson 2	Emerson 1	2.75362	0.0905	0.02798	0.0009
24	Emerson 2	Emerson 2	2.75362	0.0905	0.02798	0.0009
25	Emerson 2	Iroquois	40.16947	1.3206	4.18381	0.1376
26	Emerson 2	Kirkwall	33.70106	1.1080	3.46263	0.1138
27	Emerson 2	Napierville	43.40580	1.4270	4.54455	0.1494
28	Emerson 2	Niagara Falls	35.62978	1.1714	3.67768	0.1209
29	Emerson 2	North Bay Junction	31.10621	1.0227	3.35192	0.1102
30	Emerson 2	Philipsburg	43.70845	1.4370	4.57832	0.1505
31	Emerson 2	Spruce	5.09114	0.1674	0.30204	0.0099
32	Emerson 2	St. Clair	28.55121	0.9387	3.05231	0.1004
33	Emerson 2	Welwyn	9.53593	0.3135	0.82308	0.0271
34	Emerson 2	Dawn Export	30.43340	1.0006	3.09824	0.1019
35	Enbridge Parkway CDA	Empress	-	2.0785	-	0.1812
36	Enbridge Parkway CDA	TransGas SSDA	-	1.7787	-	0.1537
37	Enbridge Parkway CDA	Centram SSDA	-	1.6559	-	0.1424
38	Enbridge Parkway CDA	Centram MDA	-	1.4700	-	0.1253
39	Enbridge Parkway CDA	Centrat MDA	-	1.4556	-	0.1240
40	Enbridge Parkway CDA	Union WDA	-	1.1353	-	0.0946
41	Enbridge Parkway CDA	Nipigon WDA	-	1.0039	-	0.0825
42	Enbridge Parkway CDA	Union NDA	-	0.4839	-	0.0348
43	Enbridge Parkway CDA	Calstock NDA	-	0.7753	-	0.0615
44	Enbridge Parkway CDA	Tunis NDA	-	0.5953	-	0.0450
45	Enbridge Parkway CDA	GMIT NDA	-	0.4615	-	0.0327
46	Enbridge Parkway CDA	Union SSMDA	-	0.6929	-	0.0540
47	Enbridge Parkway CDA	Union NCDA	-	0.2428	-	0.0126
48	Enbridge Parkway CDA	Union CDA	-	0.1577	-	0.0048
49	Enbridge Parkway CDA	Union ECDA	-	0.1235	-	0.0017
50	Enbridge Parkway CDA	Union EDA	-	0.3385	-	0.0214
51	Enbridge Parkway CDA	Union Parkway Belt	-	0.1156	-	0.0009
52	Enbridge Parkway CDA	Enbridge CDA	-	0.1731	-	0.0062
53	Enbridge Parkway CDA	Enbridge Parkway CDA	-	0.1156	-	0.0009
54	Enbridge Parkway CDA	Enbridge EDA	-	0.4335	-	0.0301
55	Enbridge Parkway CDA	KPUC EDA	-	0.3256	-	0.0202
56	Enbridge Parkway CDA	GMIT EDA	-	0.5567	-	0.0414
57	Enbridge Parkway CDA	Enbridge SWDA	-	0.2724	-	0.0153
58	Enbridge Parkway CDA	Union SWDA	-	0.2748	-	0.0156
59	Enbridge Parkway CDA	Chippawa	-	0.2089	-	0.0095
60	Enbridge Parkway CDA	Cornwall	-	0.4399	-	0.0307
61	Enbridge Parkway CDA	East Hereford	-	0.6861	-	0.0533
62	Enbridge Parkway CDA	Emerson 1	-	1.3713	-	0.1163
63	Enbridge Parkway CDA	Emerson 2	-	1.3713	-	0.1163
64	Enbridge Parkway CDA	Iroquois	-	0.4106	-	0.0280
65	Enbridge Parkway CDA	Kirkwall	-	0.1420	-	0.0034
66	Enbridge Parkway CDA	Napierville	-	0.5461	-	0.0405
67	Enbridge Parkway CDA	Niagara Falls	-	0.2073	-	0.0094
68	Enbridge Parkway CDA	North Bay Junction	-	0.3640	-	0.0237
69	Enbridge Parkway CDA	Philipsburg	-	0.5581	-	0.0416
70	Enbridge Parkway CDA	Spruce	-	1.4556	-	0.1240
71	Enbridge Parkway CDA	St. Clair	-	0.2888	-	0.0168
72	Enbridge Parkway CDA	Welwyn	-	1.6559	-	0.1424
73	Enbridge Parkway CDA	Dawn Export	-	0.2724	-	0.0153
74	Enbridge CDA	Empress	-	2.1199	-	0.1850
75	Enbridge CDA	TransGas SSDA	-	1.8200	-	0.1575
76	Enbridge CDA	Centram SSDA	-	1.6972	-	0.1462
77	Enbridge CDA	Centram MDA	-	1.5111	-	0.1291
78	Enbridge CDA	Centrat MDA	-	1.4460	-	0.1231
79	Enbridge CDA	Union WDA	-	1.1306	-	0.0942
80	Enbridge CDA	Nipigon WDA	-	0.9991	-	0.0821
81	Enbridge CDA	Union NDA	-	0.4790	-	0.0343

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Enbridge CDA	Calstock NDA	-	0.7705	-	0.0611
2	Enbridge CDA	Tunis NDA	-	0.5905	-	0.0446
3	Enbridge CDA	GMIT NDA	-	0.4568	-	0.0323
4	Enbridge CDA	Union SSMDA	-	0.7432	-	0.0586
5	Enbridge CDA	Union NCDA	-	0.2380	-	0.0122
6	Enbridge CDA	Union CDA	-	0.2011	-	0.0088
7	Enbridge CDA	Union ECDA	-	0.1782	-	0.0067
8	Enbridge CDA	Union EDA	-	0.3179	-	0.0195
9	Enbridge CDA	Union Parkway Belt	-	0.1731	-	0.0062
10	Enbridge CDA	Enbridge CDA	-	0.1156	-	0.0009
11	Enbridge CDA	Enbridge Parkway CDA	-	0.1731	-	0.0062
12	Enbridge CDA	Enbridge EDA	-	0.4129	-	0.0282
13	Enbridge CDA	KPUC EDA	-	0.3052	-	0.0183
14	Enbridge CDA	GMIT EDA	-	0.5361	-	0.0396
15	Enbridge CDA	Enbridge SWDA	-	0.3226	-	0.0199
16	Enbridge CDA	Union SWDA	-	0.3251	-	0.0202
17	Enbridge CDA	Chippawa	-	0.2397	-	0.0123
18	Enbridge CDA	Cornwall	-	0.4194	-	0.0288
19	Enbridge CDA	East Hereford	-	0.6656	-	0.0515
20	Enbridge CDA	Emerson 1	-	1.4215	-	0.1209
21	Enbridge CDA	Emerson 2	-	1.4215	-	0.1209
22	Enbridge CDA	Iroquois	-	0.3902	-	0.0262
23	Enbridge CDA	Kirkwall	-	0.1923	-	0.0080
24	Enbridge CDA	Napierville	-	0.5256	-	0.0386
25	Enbridge CDA	Niagara Falls	-	0.2375	-	0.0121
26	Enbridge CDA	North Bay Junction	-	0.3593	-	0.0233
27	Enbridge CDA	Phillipsburg	-	0.5377	-	0.0397
28	Enbridge CDA	Spruce	-	1.4460	-	0.1231
29	Enbridge CDA	St. Clair	-	0.3391	-	0.0215
30	Enbridge CDA	Welwyn	-	1.6972	-	0.1462
31	Enbridge CDA	Dawn Export	-	0.3227	-	0.0200
32	Enbridge EDA	Empress	-	2.1834	-	0.1909
33	Enbridge EDA	TransGas SSDA	-	1.8835	-	0.1633
34	Enbridge EDA	Centram SSDA	-	1.7607	-	0.1520
35	Enbridge EDA	Centram MDA	-	1.5757	-	0.1350
36	Enbridge EDA	Centrat MDA	-	1.4912	-	0.1273
37	Enbridge EDA	Union WDA	-	1.1709	-	0.0979
38	Enbridge EDA	Nipigon WDA	-	1.0395	-	0.0858
39	Enbridge EDA	Union NDA	-	0.5198	-	0.0381
40	Enbridge EDA	Calstock NDA	-	0.8109	-	0.0648
41	Enbridge EDA	Tunis NDA	-	0.6309	-	0.0483
42	Enbridge EDA	GMIT NDA	-	0.4972	-	0.0360
43	Enbridge EDA	Union SSMDA	-	1.0109	-	0.0832
44	Enbridge EDA	Union NCDA	-	0.4646	-	0.0330
45	Enbridge EDA	Union CDA	-	0.4757	-	0.0340
46	Enbridge EDA	Union ECDA	-	0.4414	-	0.0309
47	Enbridge EDA	Union EDA	-	0.2376	-	0.0121
48	Enbridge EDA	Union Parkway Belt	-	0.4335	-	0.0301
49	Enbridge EDA	Enbridge CDA	-	0.4129	-	0.0282
50	Enbridge EDA	Enbridge Parkway CDA	-	0.4335	-	0.0301
51	Enbridge EDA	Enbridge EDA	-	0.1156	-	0.0009
52	Enbridge EDA	KPUC EDA	-	0.2436	-	0.0127
53	Enbridge EDA	GMIT EDA	-	0.3182	-	0.0195
54	Enbridge EDA	Enbridge SWDA	-	0.5903	-	0.0445
55	Enbridge EDA	Union SWDA	-	0.5928	-	0.0448
56	Enbridge EDA	Chippawa	-	0.5269	-	0.0387
57	Enbridge EDA	Cornwall	-	0.2024	-	0.0089
58	Enbridge EDA	East Hereford	-	0.4477	-	0.0314
59	Enbridge EDA	Emerson 1	-	1.5781	-	0.1353
60	Enbridge EDA	Emerson 2	-	1.5781	-	0.1353
61	Enbridge EDA	Iroquois	-	0.1837	-	0.0072
62	Enbridge EDA	Kirkwall	-	0.4599	-	0.0326
63	Enbridge EDA	Napierville	-	0.3077	-	0.0186
64	Enbridge EDA	Niagara Falls	-	0.5252	-	0.0386
65	Enbridge EDA	North Bay Junction	-	0.3996	-	0.0270
66	Enbridge EDA	Phillipsburg	-	0.3198	-	0.0197
67	Enbridge EDA	Spruce	-	1.4912	-	0.1273
68	Enbridge EDA	St. Clair	-	0.6068	-	0.0460
69	Enbridge EDA	Welwyn	-	1.7607	-	0.1520
70	Enbridge EDA	Dawn Export	-	0.5903	-	0.0445
71	GMIT EDA	Empress	-	2.3374	-	0.2050
72	GMIT EDA	TransGas SSDA	-	2.0374	-	0.1775
73	GMIT EDA	Centram SSDA	-	1.9147	-	0.1662
74	GMIT EDA	Centram MDA	-	1.7298	-	0.1492
75	GMIT EDA	Centrat MDA	-	1.6447	-	0.1414
76	GMIT EDA	Union WDA	-	1.3245	-	0.1120
77	GMIT EDA	Nipigon WDA	-	1.1930	-	0.0999
78	GMIT EDA	Union NDA	-	0.6731	-	0.0521
79	GMIT EDA	Calstock NDA	-	0.9644	-	0.0789
80	GMIT EDA	Tunis NDA	-	0.7844	-	0.0624
81	GMIT EDA	GMIT NDA	-	0.6507	-	0.0501

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	GMIT EDA	Union SSMDA	-	1.1340	-	0.0945
2	GMIT EDA	Union NCDA	-	0.6109	-	0.0464
3	GMIT EDA	Union CDA	-	0.5989	-	0.0453
4	GMIT EDA	Union ECDA	-	0.5646	-	0.0422
5	GMIT EDA	Union EDA	-	0.3345	-	0.0210
6	GMIT EDA	Union Parkway Belt	-	0.5567	-	0.0414
7	GMIT EDA	Enbridge CDA	-	0.5361	-	0.0396
8	GMIT EDA	Enbridge Parkway CDA	-	0.5567	-	0.0414
9	GMIT EDA	Enbridge EDA	-	0.3182	-	0.0195
10	GMIT EDA	KPUC EDA	-	0.3467	-	0.0222
11	GMIT EDA	GMIT EDA	-	0.1156	-	0.0009
12	GMIT EDA	Enbridge SWDA	-	0.7135	-	0.0559
13	GMIT EDA	Union SWDA	-	0.7160	-	0.0561
14	GMIT EDA	Chippawa	-	0.6500	-	0.0500
15	GMIT EDA	Cornwall	-	0.2324	-	0.0117
16	GMIT EDA	East Hereford	-	0.3226	-	0.0200
17	GMIT EDA	Emerson 1	-	1.7428	-	0.1504
18	GMIT EDA	Emerson 2	-	1.7428	-	0.1504
19	GMIT EDA	Iroquois	-	0.2680	-	0.0149
20	GMIT EDA	Kirkwall	-	0.5831	-	0.0439
21	GMIT EDA	Napierville	-	0.2402	-	0.0124
22	GMIT EDA	Niagara Falls	-	0.6484	-	0.0499
23	GMIT EDA	North Bay Junction	-	0.5531	-	0.0411
24	GMIT EDA	Phillipsburg	-	0.2505	-	0.0133
25	GMIT EDA	Spruce	-	1.6447	-	0.1414
26	GMIT EDA	St. Clair	-	0.7300	-	0.0574
27	GMIT EDA	Welwyn	-	1.9147	-	0.1662
28	GMIT EDA	Dawn Export	-	0.7135	-	0.0559
29	GMIT NDA	Empress	-	1.4234	-	0.1572
30	GMIT NDA	TransGas SSDA	-	1.1885	-	0.1296
31	GMIT NDA	Centram SSDA	-	1.0922	-	0.1184
32	GMIT NDA	Centram MDA	-	0.9475	-	0.1014
33	GMIT NDA	Centrat MDA	-	0.8807	-	0.0936
34	GMIT NDA	Union WDA	-	0.6297	-	0.0641
35	GMIT NDA	Nipigon WDA	-	0.5267	-	0.0521
36	GMIT NDA	Union NDA	-	0.1804	-	0.0115
37	GMIT NDA	Calstock NDA	-	0.3476	-	0.0311
38	GMIT NDA	Tunis NDA	-	0.2066	-	0.0145
39	GMIT NDA	GMIT NDA	-	0.0905	-	0.0009
40	GMIT NDA	Union SSMDA	-	0.8140	-	0.0857
41	GMIT NDA	Union NCDA	-	0.2754	-	0.0210
42	GMIT NDA	Union CDA	-	0.4150	-	0.0366
43	GMIT NDA	Union ECDA	-	0.3868	-	0.0334
44	GMIT NDA	Union EDA	-	0.4502	-	0.0405
45	GMIT NDA	Union Parkway Belt	-	0.3802	-	0.0327
46	GMIT NDA	Enbridge CDA	-	0.3763	-	0.0323
47	GMIT NDA	Enbridge Parkway CDA	-	0.3802	-	0.0327
48	GMIT NDA	Enbridge EDA	-	0.4096	-	0.0360
49	GMIT NDA	KPUC EDA	-	0.4857	-	0.0445
50	GMIT NDA	GMIT EDA	-	0.5360	-	0.0501
51	GMIT NDA	Enbridge SWDA	-	0.5094	-	0.0471
52	GMIT NDA	Union SWDA	-	0.5115	-	0.0473
53	GMIT NDA	Chippawa	-	0.4572	-	0.0413
54	GMIT NDA	Cornwall	-	0.4398	-	0.0394
55	GMIT NDA	East Hereford	-	0.6427	-	0.0620
56	GMIT NDA	Emerson 1	-	0.9575	-	0.1026
57	GMIT NDA	Emerson 2	-	0.9575	-	0.1026
58	GMIT NDA	Iroquois	-	0.4209	-	0.0372
59	GMIT NDA	Kirkwall	-	0.4020	-	0.0351
60	GMIT NDA	Napierville	-	0.5273	-	0.0491
61	GMIT NDA	Niagara Falls	-	0.4558	-	0.0411
62	GMIT NDA	North Bay Junction	-	0.1670	-	0.0099
63	GMIT NDA	Phillipsburg	-	0.5373	-	0.0502
64	GMIT NDA	Spruce	-	0.8807	-	0.0936
65	GMIT NDA	St. Clair	-	0.4974	-	0.0486
66	GMIT NDA	Welwyn	-	1.0922	-	0.1184
67	GMIT NDA	Dawn Export	-	0.5094	-	0.0471
68	Grand Coulee	Empress	8.91573	0.2931	0.75038	0.0247
69	Grand Coulee	TransGas SSDA	3.91584	0.1287	0.16425	0.0054
70	Grand Coulee	Centram SSDA	6.66520	0.2191	0.48667	0.0160
71	Grand Coulee	Centram MDA	11.10999	0.3653	1.00770	0.0331
72	Grand Coulee	Centrat MDA	13.09955	0.4307	1.24100	0.0408
73	Grand Coulee	Union WDA	21.41668	0.7041	2.21585	0.0729
74	Grand Coulee	Nipigon WDA	23.86553	0.7846	2.50299	0.0823
75	Grand Coulee	Union NDA	36.25819	1.1921	3.95569	0.1301
76	Grand Coulee	Calstock NDA	29.31345	0.9637	3.14174	0.1033
77	Grand Coulee	Tunis NDA	33.60220	1.1047	3.64453	0.1198
78	Grand Coulee	GMIT NDA	37.13236	1.2208	4.05819	0.1334
79	Grand Coulee	Union SSMDA	32.31315	1.0624	3.49335	0.1149
80	Grand Coulee	Union NCDA	44.16591	1.4520	4.62942	0.1522
81	Grand Coulee	Union CDA	45.51368	1.4963	4.77968	0.1571



Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Grand Coulee	Union ECDA	45.80628	1.5060	4.81222	0.1582
2	Grand Coulee	Union EDA	49.41978	1.6248	5.21524	0.1715
3	Grand Coulee	Union Parkway Belt	45.60675	1.4994	4.79002	0.1575
4	Grand Coulee	Enbridge CDA	46.64335	1.5335	4.90560	0.1613
5	Grand Coulee	Enbridge Parkway CDA	45.60675	1.4994	4.79002	0.1575
6	Grand Coulee	Enbridge EDA	48.23384	1.5858	5.08293	0.1671
7	Grand Coulee	KPUC EDA	50.56010	1.6623	5.34238	0.1756
8	Grand Coulee	GMIT EDA	52.09280	1.7126	5.51302	0.1813
9	Grand Coulee	Enbridge SWDA	41.67753	1.3702	4.35202	0.1431
10	Grand Coulee	Union SWDA	41.61487	1.3682	4.34502	0.1429
11	Grand Coulee	Chippawa	46.91558	1.5424	4.93602	0.1623
12	Grand Coulee	Cornwall	49.16580	1.6164	5.18695	0.1705
13	Grand Coulee	East Hereford	55.33522	1.8192	5.87468	0.1931
14	Grand Coulee	Emerson 1	13.44721	0.4421	1.28176	0.0421
15	Grand Coulee	Emerson 2	13.44721	0.4421	1.28176	0.0421
16	Grand Coulee	Iroquois	48.59002	1.5975	5.12278	0.1684
17	Grand Coulee	Kirkwall	44.94488	1.4776	4.71610	0.1551
18	Grand Coulee	Napierville	51.82665	1.7039	5.48352	0.1803
19	Grand Coulee	Niagara Falls	46.87421	1.5411	4.93145	0.1621
20	Grand Coulee	North Bay Junction	39.11462	1.2860	4.29058	0.1411
21	Grand Coulee	Philipsburg	52.12900	1.7138	5.51728	0.1814
22	Grand Coulee	Spruce	13.09955	0.4307	1.24100	0.0408
23	Grand Coulee	St. Clair	39.24480	1.2902	4.30578	0.1416
24	Grand Coulee	Welwyn	6.66520	0.2191	0.48697	0.0160
25	Grand Coulee	Dawn Export	41.67753	1.3702	4.35202	0.1431
26	Grand Coulee West	Empress	8.91360	0.2931	0.75008	0.0247
27	Grand Coulee West	TransGas SSDA	3.91828	0.1288	0.16455	0.0054
28	Grand Coulee West	Centram SSDA	6.66733	0.2192	0.48697	0.0160
29	Grand Coulee West	Centram MDA	11.11151	0.3653	1.00801	0.0331
30	Grand Coulee West	Centrat MDA	13.10168	0.4307	1.24130	0.0408
31	Grand Coulee West	Union WDA	21.41850	0.7042	2.21616	0.0729
32	Grand Coulee West	Nipigon WDA	23.86735	0.7847	2.50329	0.0823
33	Grand Coulee West	Union NDA	36.26032	1.1921	3.95599	0.1301
34	Grand Coulee West	Calstock NDA	29.31528	0.9638	3.14204	0.1033
35	Grand Coulee West	Tunis NDA	33.60464	1.1048	3.64483	0.1198
36	Grand Coulee West	GMIT NDA	37.13419	1.2209	4.05850	0.1334
37	Grand Coulee West	Union SSM DA	32.31528	1.0624	3.49366	0.1149
38	Grand Coulee West	Union NCDA	44.16835	1.4521	4.62972	0.1522
39	Grand Coulee West	Union CDA	45.51550	1.4964	4.77998	0.1572
40	Grand Coulee West	Union ECDA	45.80841	1.5060	4.81253	0.1582
41	Grand Coulee West	Union EDA	49.42161	1.6248	5.21524	0.1715
42	Grand Coulee West	Union Parkway Belt	45.60888	1.4995	4.79032	0.1575
43	Grand Coulee West	Enbridge CDA	46.64548	1.5336	4.90590	0.1613
44	Grand Coulee West	Enbridge Parkway CDA	45.60888	1.4995	4.79032	0.1575
45	Grand Coulee West	Enbridge EDA	48.23597	1.5858	5.08323	0.1671
46	Grand Coulee West	KPUC EDA	50.56254	1.6623	5.34238	0.1756
47	Grand Coulee West	GMIT EDA	52.09493	1.7127	5.51333	0.1813
48	Grand Coulee West	Enbridge SWDA	41.67965	1.3703	4.35202	0.1431
49	Grand Coulee West	Union SWDA	41.61730	1.3682	4.34533	0.1429
50	Grand Coulee West	Chippawa	46.91771	1.5425	4.93632	0.1623
51	Grand Coulee West	Cornwall	49.16793	1.6165	5.18695	0.1705
52	Grand Coulee West	East Hereford	55.33735	1.8193	5.87498	0.1932
53	Grand Coulee West	Emerson 1	13.44934	0.4422	1.28206	0.0422
54	Grand Coulee West	Emerson 2	13.44934	0.4422	1.28206	0.0422
55	Grand Coulee West	Iroquois	48.59245	1.5976	5.12278	0.1684
56	Grand Coulee West	Kirkwall	44.94701	1.4777	4.71641	0.1551
57	Grand Coulee West	Napierville	51.82878	1.7040	5.48382	0.1803
58	Grand Coulee West	Niagara Falls	46.87604	1.5411	4.93145	0.1621
59	Grand Coulee West	North Bay Junction	39.11644	1.2860	4.29088	0.1411
60	Grand Coulee West	Philipsburg	52.13143	1.7139	5.51758	0.1814
61	Grand Coulee West	Spruce	13.10168	0.4307	1.24130	0.0408
62	Grand Coulee West	St. Clair	39.24693	1.2903	4.30609	0.1416
63	Grand Coulee West	Welwyn	6.66733	0.2192	0.48697	0.0160
64	Grand Coulee West	Dawn Export	41.67965	1.3703	4.35202	0.1431
65	Herbert	Empress	5.92821	0.1949	0.40028	0.0132
66	Herbert	TransGas SSDA	6.80086	0.2236	0.50248	0.0165
67	Herbert	Centram SSDA	9.65273	0.3174	0.83676	0.0275
68	Herbert	Centram MDA	14.09691	0.4635	1.35780	0.0446
69	Herbert	Centrat MDA	16.08707	0.5289	1.59110	0.0523
70	Herbert	Union WDA	24.40420	0.8023	2.56625	0.0844
71	Herbert	Nipigon WDA	26.85305	0.8828	2.85339	0.0938
72	Herbert	Union NDA	39.24541	1.2903	4.30609	0.1416
73	Herbert	Calstock NDA	32.30068	1.0619	3.49183	0.1148
74	Herbert	Tunis NDA	36.59003	1.2030	3.99462	0.1313
75	Herbert	GMIT NDA	40.11989	1.3190	4.40859	0.1449
76	Herbert	Union SSM DA	35.30067	1.1606	3.84345	0.1264
77	Herbert	Union NCDA	47.30735	1.5553	4.97951	0.1637
78	Herbert	Union CDA	48.65450	1.5996	5.12977	0.1687
79	Herbert	Union ECDA	48.94711	1.6092	5.16232	0.1697
80	Herbert	Union EDA	52.56061	1.7280	5.56534	0.1830
81	Herbert	Union Parkway Belt	48.74818	1.6027	5.14011	0.1690

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Herbert	Enbridge CDA	49.78478	1.6368	5.25570	0.1728
2	Herbert	Enbridge Parkway CDA	48.74818	1.6027	5.14011	0.1690
3	Herbert	Enbridge EDA	51.37527	1.6891	5.43303	0.1786
4	Herbert	KPUC EDA	53.70154	1.7655	5.69248	0.1872
5	Herbert	GMIT EDA	55.23423	1.8159	5.86342	0.1928
6	Herbert	Enbridge SWDA	44.81865	1.4735	4.70211	0.1546
7	Herbert	Union SWDA	44.75630	1.4714	4.69512	0.1544
8	Herbert	Chippawa	50.05671	1.6457	5.28611	0.1738
9	Herbert	Cornwall	52.30693	1.7197	5.53705	0.1820
10	Herbert	East Hereford	58.47635	1.9225	6.22477	0.2047
11	Herbert	Emerson 1	16.43473	0.5403	1.63185	0.0537
12	Herbert	Emerson 2	16.43473	0.5403	1.63185	0.0537
13	Herbert	Iroquois	51.73115	1.7008	5.47287	0.1799
14	Herbert	Kirkwall	48.08632	1.5809	5.06650	0.1666
15	Herbert	Napierville	54.96809	1.8072	5.83361	0.1918
16	Herbert	Niagara Falls	50.01534	1.6443	5.28155	0.1736
17	Herbert	North Bay Junction	42.10214	1.3842	4.64098	0.1526
18	Herbert	Philipsburg	55.27013	1.8171	5.86738	0.1929
19	Herbert	Spruce	16.08707	0.5289	1.59110	0.0523
20	Herbert	St. Clair	42.23202	1.3885	4.65618	0.1531
21	Herbert	Welwyn	9.65273	0.3174	0.83676	0.0275
22	Herbert	Dawn Export	44.81865	1.4735	4.70211	0.1546
23	Iroquois	Empress	66.84336	2.1976	5.84487	0.1922
24	Iroquois	TransGas SSDA	57.72384	1.8978	5.00719	0.1646
25	Iroquois	Centram SSDA	53.98685	1.7749	4.66409	0.1533
26	Iroquois	Centram MDA	48.36858	1.5902	4.14792	0.1364
27	Iroquois	Centrat MDA	45.77495	1.5049	3.90976	0.1285
28	Iroquois	Union WDA	36.03371	1.1847	3.01520	0.0991
29	Iroquois	Nipigon WDA	32.03453	1.0532	2.64777	0.0871
30	Iroquois	Union NDA	16.23368	0.5337	1.19629	0.0393
31	Iroquois	Calstock NDA	25.08158	0.8246	2.00902	0.0661
32	Iroquois	Tunis NDA	19.60719	0.6446	1.50623	0.0495
33	Iroquois	GMIT NDA	15.53988	0.5109	1.13272	0.0372
34	Iroquois	Union SSMMA	30.05045	0.9880	2.46558	0.0811
35	Iroquois	Union NCDA	14.18968	0.4665	1.00862	0.0332
36	Iroquois	Union CDA	13.77206	0.4528	0.97029	0.0319
37	Iroquois	Union ECDA	12.73120	0.4186	0.87478	0.0288
38	Iroquois	Union EDA	5.87711	0.1932	0.24516	0.0081
39	Iroquois	Union Parkway Belt	12.48908	0.4106	0.85258	0.0280
40	Iroquois	Enbridge CDA	11.86706	0.3902	0.79540	0.0262
41	Iroquois	Enbridge Parkway CDA	12.48908	0.4106	0.85258	0.0280
42	Iroquois	Enbridge EDA	5.58785	0.1837	0.21839	0.0072
43	Iroquois	KPUC EDA	6.10037	0.2006	0.26554	0.0087
44	Iroquois	GMIT EDA	8.15258	0.2680	0.45412	0.0149
45	Iroquois	Enbridge SWDA	17.25872	0.5674	1.29058	0.0424
46	Iroquois	Union SWDA	17.33415	0.5699	1.29758	0.0427
47	Iroquois	Chippawa	15.32939	0.5040	1.11325	0.0366
48	Iroquois	Cornwall	4.59930	0.1512	0.12775	0.0042
49	Iroquois	East Hereford	12.08789	0.3974	0.81547	0.0268
50	Iroquois	Emerson 1	48.75792	1.6030	4.18381	0.1376
51	Iroquois	Emerson 2	48.75792	1.6030	4.18381	0.1376
52	Iroquois	Iroquois	3.51465	0.1156	0.02798	0.0009
53	Iroquois	Kirkwall	13.29239	0.4370	0.92619	0.0305
54	Iroquois	Napierville	7.82895	0.2574	0.42431	0.0140
55	Iroquois	Niagara Falls	15.27860	0.5023	1.10869	0.0365
56	Iroquois	North Bay Junction	12.57212	0.4133	0.86018	0.0283
57	Iroquois	Philipsburg	8.19608	0.2695	0.45808	0.0151
58	Iroquois	Spruce	45.77495	1.5049	3.90976	0.1285
59	Iroquois	St. Clair	17.75938	0.5839	1.33651	0.0439
60	Iroquois	Welwyn	53.98685	1.7749	4.66409	0.1533
61	Iroquois	Dawn Export	17.25872	0.5674	1.29058	0.0424
62	Kirkwall	Empress	62.41895	2.0521	5.43850	0.1788
63	Kirkwall	TransGas SSDA	53.29852	1.7523	4.60083	0.1513
64	Kirkwall	Centram SSDA	49.56244	1.6295	4.25773	0.1400
65	Kirkwall	Centram MDA	43.91011	1.4436	3.73851	0.1229
66	Kirkwall	Centrat MDA	43.89003	1.4430	3.73669	0.1229
67	Kirkwall	Union WDA	35.33626	1.1617	2.95103	0.0970
68	Kirkwall	Nipigon WDA	31.33708	1.0303	2.58359	0.0849
69	Kirkwall	Union NDA	15.52132	0.5103	1.13089	0.0372
70	Kirkwall	Calstock NDA	24.38383	0.8017	1.94515	0.0640
71	Kirkwall	Tunis NDA	18.91004	0.6217	1.44205	0.0474
72	Kirkwall	GMIT NDA	14.84181	0.4880	1.06854	0.0351
73	Kirkwall	Union SSMMA	20.27332	0.6665	1.56737	0.0515
74	Kirkwall	Union NCDA	8.18725	0.2692	0.45716	0.0150
75	Kirkwall	Union CDA	4.20450	0.1382	0.09155	0.0030
76	Kirkwall	Union ECDA	4.56007	0.1499	0.12410	0.0041
77	Kirkwall	Union EDA	11.09904	0.3649	0.72483	0.0238
78	Kirkwall	Union Parkway Belt	4.31795	0.1420	0.10190	0.0034
79	Kirkwall	Enbridge CDA	5.84852	0.1923	0.24242	0.0080
80	Kirkwall	Enbridge Parkway CDA	4.31795	0.1420	0.10190	0.0034
81	Kirkwall	Enbridge EDA	13.98863	0.4599	0.99006	0.0326

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Kirkwall	KPUC EDA	10.70636	0.3520	0.68863	0.0226
2	Kirkwall	GMIT EDA	17.73505	0.5831	1.33438	0.0439
3	Kirkwall	Enbridge SWDA	7.48098	0.2460	0.39238	0.0129
4	Kirkwall	Union SWDA	7.55641	0.2484	0.39937	0.0131
5	Kirkwall	Chippawa	5.90631	0.1942	0.24790	0.0082
6	Kirkwall	Cornwall	14.18268	0.4663	1.00801	0.0331
7	Kirkwall	East Hereford	21.67096	0.7125	1.69573	0.0558
8	Kirkwall	Emerson 1	40.90677	1.3449	3.46263	0.1138
9	Kirkwall	Emerson 2	40.90677	1.3449	3.46263	0.1138
10	Kirkwall	Iroquois	13.29239	0.4370	0.92619	0.0305
11	Kirkwall	Kirkwall	3.51465	0.1156	0.02798	0.0009
12	Kirkwall	Napierville	17.41293	0.5725	1.30457	0.0429
13	Kirkwall	Niagara Falls	5.85582	0.1925	0.24303	0.0080
14	Kirkwall	North Bay Junction	11.87467	0.3904	0.79600	0.0262
15	Kirkwall	Philipsburg	17.78006	0.5846	1.33833	0.0440
16	Kirkwall	Spruce	43.89003	1.4430	3.73669	0.1229
17	Kirkwall	St. Clair	7.98164	0.2624	0.43830	0.0144
18	Kirkwall	Welwyn	49.56244	1.6295	4.25773	0.1400
19	Kirkwall	Dawn Export	7.48098	0.2460	0.39238	0.0129
20	KPUC EDA	Empress	-	2.2762	-	0.1994
21	KPUC EDA	TransGas SSDA	-	1.9764	-	0.1718
22	KPUC EDA	Centram SSDA	-	1.8535	-	0.1606
23	KPUC EDA	Centram MDA	-	1.6674	-	0.1435
24	KPUC EDA	Centrat MDA	-	1.5835	-	0.1358
25	KPUC EDA	Union WDA	-	1.2633	-	0.1063
26	KPUC EDA	Nipigon WDA	-	1.1318	-	0.0943
27	KPUC EDA	Union NDA	-	0.6123	-	0.0466
28	KPUC EDA	Calstock NDA	-	0.9032	-	0.0733
29	KPUC EDA	Tunis NDA	-	0.7232	-	0.0567
30	KPUC EDA	GMIT NDA	-	0.5895	-	0.0445
31	KPUC EDA	Union SSMDA	-	0.9030	-	0.0733
32	KPUC EDA	Union NCDA	-	0.3884	-	0.0260
33	KPUC EDA	Union CDA	-	0.3678	-	0.0241
34	KPUC EDA	Union ECDA	-	0.3336	-	0.0210
35	KPUC EDA	Union EDA	-	0.1714	-	0.0061
36	KPUC EDA	Union Parkway Belt	-	0.3256	-	0.0202
37	KPUC EDA	Enbridge CDA	-	0.3052	-	0.0183
38	KPUC EDA	Enbridge Parkway CDA	-	0.3256	-	0.0202
39	KPUC EDA	Enbridge EDA	-	0.2436	-	0.0127
40	KPUC EDA	KPUC EDA	-	0.1156	-	0.0009
41	KPUC EDA	GMIT EDA	-	0.3467	-	0.0222
42	KPUC EDA	Enbridge SWDA	-	0.4824	-	0.0346
43	KPUC EDA	Union SWDA	-	0.4849	-	0.0349
44	KPUC EDA	Chippawa	-	0.4190	-	0.0288
45	KPUC EDA	Cornwall	-	0.2298	-	0.0114
46	KPUC EDA	East Hereford	-	0.4760	-	0.0340
47	KPUC EDA	Emerson 1	-	1.5813	-	0.1356
48	KPUC EDA	Emerson 2	-	1.5813	-	0.1356
49	KPUC EDA	Iroquois	-	0.2006	-	0.0087
50	KPUC EDA	Kirkwall	-	0.3520	-	0.0226
51	KPUC EDA	Napierville	-	0.3360	-	0.0212
52	KPUC EDA	Niagara Falls	-	0.4173	-	0.0286
53	KPUC EDA	North Bay Junction	-	0.4920	-	0.0355
54	KPUC EDA	Philipsburg	-	0.3481	-	0.0223
55	KPUC EDA	Spruce	-	1.5835	-	0.1358
56	KPUC EDA	St. Clair	-	0.4989	-	0.0361
57	KPUC EDA	Welwyn	-	1.8535	-	0.1606
58	KPUC EDA	Dawn Export	-	0.4824	-	0.0346
59	Lachenaie	Empress	70.46751	2.3167	6.17793	0.2031
60	Lachenaie	TransGas SSDA	61.34525	2.0168	5.34025	0.1756
61	Lachenaie	Centram SSDA	57.61221	1.8941	4.99685	0.1643
62	Lachenaie	Centram MDA	51.99243	1.7093	4.48068	0.1473
63	Lachenaie	Centrat MDA	49.39849	1.6241	4.24252	0.1395
64	Lachenaie	Union WDA	39.65512	1.3037	3.34796	0.1101
65	Lachenaie	Nipigon WDA	35.65928	1.1724	2.98053	0.0980
66	Lachenaie	Union NDA	19.85630	0.6528	1.52905	0.0503
67	Lachenaie	Calstock NDA	28.70330	0.9437	2.34178	0.0770
68	Lachenaie	Tunis NDA	23.23164	0.7638	1.83899	0.0605
69	Lachenaie	GMIT NDA	19.16159	0.6300	1.46548	0.0482
70	Lachenaie	Union SSMDA	33.86683	1.1134	2.81598	0.0926
71	Lachenaie	Union NCDA	17.95709	0.5904	1.35476	0.0445
72	Lachenaie	Union CDA	17.58722	0.5782	1.32069	0.0434
73	Lachenaie	Union ECDA	16.54697	0.5440	1.22518	0.0403
74	Lachenaie	Union EDA	9.55813	0.3142	0.58339	0.0192
75	Lachenaie	Union Parkway Belt	16.30455	0.5360	1.20298	0.0396
76	Lachenaie	Enbridge CDA	15.67949	0.5155	1.14549	0.0377
77	Lachenaie	Enbridge Parkway CDA	16.30455	0.5360	1.20298	0.0396
78	Lachenaie	Enbridge EDA	9.05656	0.2978	0.53716	0.0177
79	Lachenaie	KPUC EDA	9.91583	0.3260	0.61594	0.0203
80	Lachenaie	GMIT EDA	5.70191	0.1875	0.22934	0.0075
81	Lachenaie	Enbridge SWDA	21.07328	0.6928	1.64098	0.0540

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Lachenaie	Union SWDA	21.15145	0.6954	1.64798	0.0542
2	Lachenaie	Chippawa	19.14516	0.6294	1.46365	0.0481
3	Lachenaie	Cornwall	6.43799	0.2117	0.29687	0.0098
4	Lachenaie	East Hereford	8.07836	0.2656	0.44743	0.0147
5	Lachenaie	Emerson 1	52.38298	1.7222	4.51657	0.1485
6	Lachenaie	Emerson 2	52.38298	1.7222	4.51657	0.1485
7	Lachenaie	Iroquois	7.52326	0.2473	0.39633	0.0130
8	Lachenaie	Kirkwall	17.10603	0.5624	1.27659	0.0420
9	Lachenaie	Napierville	7.12845	0.2344	0.36013	0.0118
10	Lachenaie	Niagara Falls	19.09589	0.6278	1.45909	0.0480
11	Lachenaie	North Bay Junction	16.19748	0.5325	1.19294	0.0392
12	Lachenaie	Philipsburg	7.49436	0.2464	0.39390	0.0130
13	Lachenaie	Spruce	49.39849	1.6241	4.24252	0.1395
14	Lachenaie	St. Clair	21.57485	0.7093	1.68691	0.0555
15	Lachenaie	Welwyn	57.61221	1.8941	4.99685	0.1643
16	Lachenaie	Dawn Export	21.07328	0.6928	1.64098	0.0540
17	Liebenthal	Empress	3.47176	0.1141	0.11224	0.0037
18	Liebenthal	TransGas SSDA	9.18705	0.3020	0.78232	0.0257
19	Liebenthal	Centram SSDA	12.10888	0.3981	1.12481	0.0370
20	Liebenthal	Centram MDA	16.55336	0.5442	1.64585	0.0541
21	Liebenthal	Centrat MDA	18.54352	0.6097	1.87914	0.0618
22	Liebenthal	Union WDA	26.86035	0.8831	2.85400	0.0938
23	Liebenthal	Nipigon WDA	29.30920	0.9636	3.14113	0.1033
24	Liebenthal	Union NDA	41.70186	1.3710	4.59383	0.1510
25	Liebenthal	Calstock NDA	34.75713	1.1427	3.77988	0.1243
26	Liebenthal	Tunis NDA	39.04618	1.2837	4.28267	0.1408
27	Liebenthal	GMIT NDA	42.57634	1.3998	4.69633	0.1544
28	Liebenthal	Union SSMDA	37.75712	1.2413	4.13150	0.1358
29	Liebenthal	Union NCDA	49.89063	1.6402	5.26756	0.1732
30	Liebenthal	Union CDA	51.23718	1.6845	5.41782	0.1781
31	Liebenthal	Union ECDA	51.53009	1.6941	5.45036	0.1792
32	Liebenthal	Union EDA	55.14359	1.8129	5.85338	0.1924
33	Liebenthal	Union Parkway Belt	51.33086	1.6876	5.42816	0.1785
34	Liebenthal	Enbridge CDA	52.36746	1.7217	5.54374	0.1823
35	Liebenthal	Enbridge Parkway CDA	51.33086	1.6876	5.42816	0.1785
36	Liebenthal	Enbridge EDA	53.95704	1.7739	5.72107	0.1881
37	Liebenthal	KPUC EDA	56.28391	1.8504	5.98053	0.1966
38	Liebenthal	GMIT EDA	57.81661	1.9008	6.15116	0.2022
39	Liebenthal	Enbridge SWDA	47.40133	1.5584	4.99016	0.1641
40	Liebenthal	Union SWDA	47.33928	1.5564	4.98316	0.1638
41	Liebenthal	Chippawa	52.63939	1.7306	5.57416	0.1833
42	Liebenthal	Cornwall	54.88961	1.8046	5.82510	0.1915
43	Liebenthal	East Hereford	61.05903	2.0074	6.51282	0.2141
44	Liebenthal	Emerson 1	18.89118	0.6211	1.91990	0.0631
45	Liebenthal	Emerson 2	18.89118	0.6211	1.91990	0.0631
46	Liebenthal	Iroquois	54.31413	1.7857	5.76092	0.1894
47	Liebenthal	Kirkwall	50.66930	1.6658	5.35455	0.1760
48	Liebenthal	Napierville	57.55077	1.8921	6.12166	0.2013
49	Liebenthal	Niagara Falls	52.59802	1.7293	5.56960	0.1831
50	Liebenthal	North Bay Junction	44.55829	1.4649	4.92872	0.1620
51	Liebenthal	Philipsburg	57.85311	1.9020	6.15542	0.2024
52	Liebenthal	Spruce	18.54352	0.6097	1.87914	0.0618
53	Liebenthal	St. Clair	44.68847	1.4692	4.94423	0.1626
54	Liebenthal	Welwyn	12.10888	0.3981	1.12481	0.0370
55	Liebenthal	Dawn Export	47.40133	1.5584	4.99016	0.1641
56	Napierville	Empress	70.77228	2.3268	6.20591	0.2040
57	Napierville	TransGas SSDA	61.65185	2.0269	5.36824	0.1765
58	Napierville	Centram SSDA	57.91546	1.9041	5.02483	0.1652
59	Napierville	Centram MDA	52.29720	1.7194	4.50897	0.1482
60	Napierville	Centrat MDA	49.70357	1.6341	4.27050	0.1404
61	Napierville	Union WDA	39.96233	1.3138	3.37595	0.1110
62	Napierville	Nipigon WDA	35.96315	1.1824	3.00851	0.0989
63	Napierville	Union NDA	20.16230	0.6629	1.55733	0.0512
64	Napierville	Calstock NDA	29.01020	0.9538	2.37007	0.0779
65	Napierville	Tunis NDA	23.53581	0.7738	1.86698	0.0614
66	Napierville	GMIT NDA	19.46819	0.6401	1.49346	0.0491
67	Napierville	Union SSMDA	34.17100	1.1234	2.84396	0.0935
68	Napierville	Union NCDA	18.26186	0.6004	1.38274	0.0455
69	Napierville	Union CDA	17.89200	0.5882	1.34868	0.0443
70	Napierville	Union ECDA	16.85114	0.5540	1.25317	0.0412
71	Napierville	Union EDA	9.86321	0.3243	0.61138	0.0201
72	Napierville	Union Parkway Belt	16.60963	0.5461	1.23096	0.0405
73	Napierville	Enbridge CDA	15.98791	0.5256	1.17378	0.0386
74	Napierville	Enbridge Parkway CDA	16.60963	0.5461	1.23096	0.0405
75	Napierville	Enbridge EDA	9.36043	0.3077	0.56514	0.0186
76	Napierville	KPUC EDA	10.22061	0.3360	0.64392	0.0212
77	Napierville	GMIT EDA	7.30578	0.2402	0.37625	0.0124
78	Napierville	Enbridge SWDA	21.37866	0.7029	1.66896	0.0549
79	Napierville	Union SWDA	21.45470	0.7054	1.67596	0.0551
80	Napierville	Chippawa	19.44933	0.6394	1.49163	0.0490
81	Napierville	Cornwall	6.74429	0.2217	0.32485	0.0107

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Napierville	East Hereford	11.69217	0.3844	0.77928	0.0256
2	Napierville	Emerson 1	52.68653	1.7322	4.54455	0.1494
3	Napierville	Emerson 2	52.68653	1.7322	4.54455	0.1494
4	Napierville	Iroquois	7.82895	0.2574	0.42431	0.0140
5	Napierville	Kirkwall	17.41293	0.5725	1.30457	0.0429
6	Napierville	Napierville	3.51465	0.1156	0.02798	0.0009
7	Napierville	Niagara Falls	19.39914	0.6378	1.48707	0.0489
8	Napierville	North Bay Junction	16.50043	0.5425	1.22093	0.0401
9	Napierville	Philipsburg	5.44580	0.1790	0.20562	0.0068
10	Napierville	Spruce	49.70357	1.6341	4.27050	0.1404
11	Napierville	St. Clair	21.87993	0.7193	1.71489	0.0564
12	Napierville	Welwyn	57.91546	1.9041	5.02483	0.1652
13	Napierville	Dawn Export	21.37866	0.7029	1.66896	0.0549
14	Niagara Falls	Empress	64.76073	2.1291	5.65355	0.1859
15	Niagara Falls	TransGas SSDA	55.64060	1.8293	4.81587	0.1583
16	Niagara Falls	Centram SSDA	51.90422	1.7064	4.47277	0.1471
17	Niagara Falls	Centram MDA	46.25158	1.5206	3.95356	0.1300
18	Niagara Falls	Centrat MDA	46.23120	1.5199	3.95173	0.1299
19	Niagara Falls	Union WDA	37.32277	1.2271	3.13353	0.1030
20	Niagara Falls	Nipigon WDA	33.32389	1.0956	2.76609	0.0909
21	Niagara Falls	Union NDA	17.50723	0.5756	1.31339	0.0432
22	Niagara Falls	Calstock NDA	26.37064	0.8670	2.12734	0.0699
23	Niagara Falls	Tunis NDA	20.89655	0.6870	1.62455	0.0534
24	Niagara Falls	GMT NDA	16.82863	0.5533	1.25104	0.0411
25	Niagara Falls	Union SSMDA	22.61449	0.7435	1.78242	0.0586
26	Niagara Falls	Union NCDA	10.17377	0.3345	0.63966	0.0210
27	Niagara Falls	Union CDA	5.16627	0.1699	0.17976	0.0059
28	Niagara Falls	Union ECDA	6.06204	0.1993	0.26219	0.0086
29	Niagara Falls	Union EDA	13.08555	0.4302	0.90733	0.0298
30	Niagara Falls	Union Parkway Belt	6.30416	0.2073	0.28440	0.0094
31	Niagara Falls	Enbridge CDA	7.22274	0.2375	0.36865	0.0121
32	Niagara Falls	Enbridge Parkway CDA	6.30416	0.2073	0.28440	0.0094
33	Niagara Falls	Enbridge EDA	15.97514	0.5252	1.17256	0.0386
34	Niagara Falls	KPUC EDA	12.69318	0.4173	0.87113	0.0286
35	Niagara Falls	GMT EDA	19.72278	0.6484	1.51688	0.0499
36	Niagara Falls	Enbridge SWDA	9.82215	0.3229	0.60742	0.0200
37	Niagara Falls	Union SWDA	9.89789	0.3254	0.61442	0.0202
38	Niagara Falls	Chippawa	4.32738	0.1423	0.10281	0.0034
39	Niagara Falls	Cornwall	16.16950	0.5316	1.19051	0.0391
40	Niagara Falls	East Hereford	23.65778	0.7778	1.87823	0.0618
41	Niagara Falls	Emerson 1	43.24794	1.4219	3.67768	0.1209
42	Niagara Falls	Emerson 2	43.24794	1.4219	3.67768	0.1209
43	Niagara Falls	Iroquois	15.27860	0.5023	1.10869	0.0365
44	Niagara Falls	Kirkwall	5.85582	0.1925	0.24303	0.0080
45	Niagara Falls	Napierville	19.39914	0.6378	1.48707	0.0489
46	Niagara Falls	Niagara Falls	3.51465	0.1156	0.02798	0.0009
47	Niagara Falls	North Bay Junction	13.86118	0.4557	0.97850	0.0322
48	Niagara Falls	Philipsburg	19.76627	0.6499	1.52083	0.0500
49	Niagara Falls	Spruce	46.23120	1.5199	3.95173	0.1299
50	Niagara Falls	St. Clair	10.32342	0.3394	0.65335	0.0215
51	Niagara Falls	Welwyn	51.90422	1.7064	4.47277	0.1471
52	Niagara Falls	Dawn Export	9.82215	0.3229	0.60742	0.0200
53	Nipigon WDA	Empress	-	0.9872	-	0.1060
54	Nipigon WDA	TransGas SSDA	-	0.7523	-	0.0785
55	Nipigon WDA	Centram SSDA	-	0.6560	-	0.0672
56	Nipigon WDA	Centram MDA	-	0.5113	-	0.0503
57	Nipigon WDA	Centrat MDA	-	0.4445	-	0.0424
58	Nipigon WDA	Union WDA	-	0.1974	-	0.0135
59	Nipigon WDA	Nipigon WDA	-	0.0905	-	0.0009
60	Nipigon WDA	Union NDA	-	0.4980	-	0.0487
61	Nipigon WDA	Calstock NDA	-	0.2696	-	0.0219
62	Nipigon WDA	Tunis NDA	-	0.4107	-	0.0385
63	Nipigon WDA	GMT NDA	-	0.5267	-	0.0521
64	Nipigon WDA	Union SSMDA	-	1.1416	-	0.1241
65	Nipigon WDA	Union NCDA	-	0.7222	-	0.0708
66	Nipigon WDA	Union CDA	-	0.8618	-	0.0864
67	Nipigon WDA	Union ECDA	-	0.8336	-	0.0833
68	Nipigon WDA	Union EDA	-	0.8970	-	0.0903
69	Nipigon WDA	Union Parkway Belt	-	0.8270	-	0.0825
70	Nipigon WDA	Enbridge CDA	-	0.8231	-	0.0821
71	Nipigon WDA	Enbridge Parkway CDA	-	0.8270	-	0.0825
72	Nipigon WDA	Enbridge EDA	-	0.8564	-	0.0858
73	Nipigon WDA	KPUC EDA	-	0.9324	-	0.0943
74	Nipigon WDA	GMT EDA	-	0.9828	-	0.0999
75	Nipigon WDA	Enbridge SWDA	-	0.9562	-	0.0969
76	Nipigon WDA	Union SWDA	-	0.9583	-	0.0972
77	Nipigon WDA	Chippawa	-	0.9040	-	0.0911
78	Nipigon WDA	Cornwall	-	0.8866	-	0.0892
79	Nipigon WDA	East Hereford	-	1.0894	-	0.1118
80	Nipigon WDA	Emerson 1	-	0.5213	-	0.0514
81	Nipigon WDA	Emerson 2	-	0.5213	-	0.0514

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Nipigon WDA	Iroquois	-	0.8677	-	0.0871
2	Nipigon WDA	Kirkwall	-	0.8488	-	0.0849
3	Nipigon WDA	Napierville	-	0.9741	-	0.0989
4	Nipigon WDA	Niagara Falls	-	0.9026	-	0.0909
5	Nipigon WDA	North Bay Junction	-	0.5919	-	0.0597
6	Nipigon WDA	Philipsburg	-	0.9840	-	0.1000
7	Nipigon WDA	Spruce	-	0.4445	-	0.0424
8	Nipigon WDA	St. Clair	-	0.9223	-	0.0984
9	Nipigon WDA	Welwyn	-	0.6560	-	0.0672
10	Nipigon WDA	Dawn Export	-	0.9562	-	0.0969
11	North Bay Junction	Empress	57.78589	1.8998	5.01297	0.1648
12	North Bay Junction	TransGas SSDA	48.66545	1.6000	4.17530	0.1373
13	North Bay Junction	Centram SSDA	44.92937	1.4771	3.83220	0.1260
14	North Bay Junction	Centram MDA	39.31111	1.2924	3.31603	0.1090
15	North Bay Junction	Centrat MDA	36.71718	1.2071	3.07786	0.1012
16	North Bay Junction	Union WDA	26.97593	0.8869	2.18300	0.0718
17	North Bay Junction	Nipigon WDA	22.97675	0.7554	1.81588	0.0597
18	North Bay Junction	Union NDA	7.17529	0.2359	0.36439	0.0120
19	North Bay Junction	Calstock NDA	16.02380	0.5268	1.17713	0.0387
20	North Bay Junction	Tunis NDA	10.54941	0.3468	0.67434	0.0222
21	North Bay Junction	GMIT NDA	6.48179	0.2131	0.30052	0.0099
22	North Bay Junction	Union SSMDA	28.63303	0.9414	2.33539	0.0768
23	North Bay Junction	Union NCDA	7.20267	0.2368	0.36683	0.0121
24	North Bay Junction	Union CDA	12.35403	0.4062	0.84011	0.0276
25	North Bay Junction	Union ECDA	11.31348	0.3720	0.74460	0.0245
26	North Bay Junction	Union EDA	13.65404	0.4489	0.95934	0.0315
27	North Bay Junction	Union Parkway Belt	11.07136	0.3640	0.72209	0.0237
28	North Bay Junction	Enbridge CDA	10.92932	0.3593	0.70932	0.0233
29	North Bay Junction	Enbridge Parkway CDA	11.07136	0.3640	0.72209	0.0237
30	North Bay Junction	Enbridge EDA	12.15480	0.3996	0.82186	0.0270
31	North Bay Junction	KPUC EDA	14.96348	0.4920	1.07979	0.0355
32	North Bay Junction	GMIT EDA	16.82437	0.5531	1.25073	0.0411
33	North Bay Junction	Enbridge SWDA	15.84100	0.5208	1.16040	0.0382
34	North Bay Junction	Union SWDA	15.91643	0.5233	1.16739	0.0384
35	North Bay Junction	Chippawa	13.91167	0.4574	0.98307	0.0323
36	North Bay Junction	Cornwall	13.27079	0.4363	0.92436	0.0304
37	North Bay Junction	East Hereford	20.75968	0.6825	1.61208	0.0530
38	North Bay Junction	Emerson 1	39.70044	1.3052	3.35192	0.1102
39	North Bay Junction	Emerson 2	39.70044	1.3052	3.35192	0.1102
40	North Bay Junction	Iroquois	12.57212	0.4133	0.86018	0.0283
41	North Bay Junction	Kirkwall	11.87467	0.3904	0.79600	0.0262
42	North Bay Junction	Napierville	16.50043	0.5425	1.22093	0.0401
43	North Bay Junction	Niagara Falls	13.86118	0.4557	0.97850	0.0322
44	North Bay Junction	North Bay Junction	3.51465	0.1156	0.02798	0.0009
45	North Bay Junction	Philipsburg	16.86756	0.5546	1.25469	0.0413
46	North Bay Junction	Spruce	36.71718	1.2071	3.07786	0.1012
47	North Bay Junction	St. Clair	16.34196	0.5373	1.20633	0.0397
48	North Bay Junction	Welwyn	44.92937	1.4771	3.83220	0.1260
49	North Bay Junction	Dawn Export	15.84100	0.5208	1.16040	0.0382
50	Philipsburg	Empress	71.13911	2.3388	6.23968	0.2051
51	Philipsburg	TransGas SSDA	62.01898	2.0390	5.40200	0.1776
52	Philipsburg	Centram SSDA	58.28259	1.9161	5.05860	0.1663
53	Philipsburg	Centram MDA	52.66403	1.7314	4.54243	0.1493
54	Philipsburg	Centrat MDA	50.07070	1.6462	4.30426	0.1415
55	Philipsburg	Union WDA	40.32946	1.3259	3.40971	0.1121
56	Philipsburg	Nipigon WDA	36.33028	1.1944	3.04228	0.1000
57	Philipsburg	Union NDA	20.52943	0.6749	1.59110	0.0523
58	Philipsburg	Calstock NDA	29.37733	0.9658	2.40353	0.0790
59	Philipsburg	Tunis NDA	23.90294	0.7859	1.90074	0.0625
60	Philipsburg	GMIT NDA	19.83532	0.6521	1.52722	0.0502
61	Philipsburg	Union SSMDA	34.53813	1.1355	2.87772	0.0946
62	Philipsburg	Union NCDA	18.62899	0.6125	1.41650	0.0466
63	Philipsburg	Union CDA	18.25913	0.6003	1.38244	0.0455
64	Philipsburg	Union ECDA	17.21827	0.5661	1.28693	0.0423
65	Philipsburg	Union EDA	10.23034	0.3363	0.64483	0.0212
66	Philipsburg	Union Parkway Belt	16.97676	0.5581	1.26473	0.0416
67	Philipsburg	Enbridge CDA	16.35474	0.5377	1.20754	0.0397
68	Philipsburg	Enbridge Parkway CDA	16.97676	0.5581	1.26473	0.0416
69	Philipsburg	Enbridge EDA	9.72755	0.3198	0.59890	0.0197
70	Philipsburg	KPUC EDA	10.58774	0.3481	0.67768	0.0223
71	Philipsburg	GMIT EDA	7.61785	0.2505	0.40485	0.0133
72	Philipsburg	Enbridge SWDA	21.74579	0.7149	1.70273	0.0560
73	Philipsburg	Union SWDA	21.82153	0.7174	1.70972	0.0562
74	Philipsburg	Chippawa	19.81646	0.6515	1.52540	0.0502
75	Philipsburg	Cornwall	7.11142	0.2338	0.35861	0.0118
76	Philipsburg	East Hereford	12.05899	0.3965	0.81304	0.0267
77	Philipsburg	Emerson 1	53.05366	1.7442	4.57832	0.1505
78	Philipsburg	Emerson 2	53.05366	1.7442	4.57832	0.1505
79	Philipsburg	Iroquois	8.19608	0.2695	0.45808	0.0151
80	Philipsburg	Kirkwall	17.78006	0.5846	1.33833	0.0440
81	Philipsburg	Napierville	5.44580	0.1790	0.20562	0.0068

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Philipsburg	Niagara Falls	19.76627	0.6499	1.52083	0.0500
2	Philipsburg	North Bay Junction	16.86756	0.5546	1.25469	0.0413
3	Philipsburg	Philipsburg	3.51465	0.1156	0.02798	0.0009
4	Philipsburg	Spruce	50.07070	1.6462	4.30426	0.1415
5	Philipsburg	St. Clair	22.24705	0.7314	1.74865	0.0575
6	Philipsburg	Welwyn	58.28259	1.9161	5.05860	0.1663
7	Philipsburg	Dawn Export	21.74579	0.7149	1.70273	0.0560
8	Richmond	Empress	2.79012	0.0917	0.03224	0.0011
9	Richmond	TransGas SSDA	9.86352	0.3243	0.86170	0.0283
10	Richmond	Centram SSDA	12.79051	0.4205	1.20480	0.0396
11	Richmond	Centram MDA	17.23469	0.5666	1.72584	0.0567
12	Richmond	Centrat MDA	19.22485	0.6321	1.95914	0.0644
13	Richmond	Union WDA	27.54168	0.9055	2.93399	0.0965
14	Richmond	Nipigon WDA	29.99083	0.9860	3.22113	0.1059
15	Richmond	Union NDA	42.38319	1.3934	4.67383	0.1537
16	Richmond	Calstock NDA	35.43876	1.1651	3.85988	0.1269
17	Richmond	Tunis NDA	39.72782	1.3061	4.36266	0.1434
18	Richmond	GMIT NDA	43.25767	1.4222	4.77633	0.1570
19	Richmond	Union SSMDA	38.43845	1.2637	4.21149	0.1385
20	Richmond	Union NCDA	50.60695	1.6638	5.34755	0.1758
21	Richmond	Union CDA	51.95410	1.7081	5.49781	0.1808
22	Richmond	Union ECDA	52.24671	1.7177	5.53036	0.1818
23	Richmond	Union EDA	55.86082	1.8365	5.93338	0.1951
24	Richmond	Union Parkway Belt	52.04748	1.7112	5.50815	0.1811
25	Richmond	Enbridge CDA	53.08438	1.7452	5.62374	0.1849
26	Richmond	Enbridge Parkway CDA	52.04748	1.7112	5.50815	0.1811
27	Richmond	Enbridge EDA	54.67457	1.7975	5.80107	0.1907
28	Richmond	KPUC EDA	57.00053	1.8740	6.06022	0.1992
29	Richmond	GMIT EDA	58.53383	1.9244	6.23116	0.2049
30	Richmond	Enbridge SWDA	48.11825	1.5820	5.07015	0.1667
31	Richmond	Union SWDA	48.05590	1.5799	5.06316	0.1665
32	Richmond	Chippawa	53.35600	1.7542	5.65385	0.1859
33	Richmond	Cornwall	55.60623	1.8282	5.90479	0.1941
34	Richmond	East Hereford	61.77595	2.0310	6.59281	0.2168
35	Richmond	Emerson 1	19.57282	0.6435	1.99990	0.0658
36	Richmond	Emerson 2	19.57282	0.6435	1.99990	0.0658
37	Richmond	Iroquois	55.03075	1.8092	5.84061	0.1920
38	Richmond	Kirkwall	51.38592	1.6894	5.43424	0.1787
39	Richmond	Napierville	58.26738	1.9156	6.20165	0.2039
40	Richmond	Niagara Falls	53.31464	1.7528	5.64929	0.1857
41	Richmond	North Bay Junction	45.23993	1.4873	5.00871	0.1647
42	Richmond	Philipsburg	58.56973	1.9256	6.23542	0.2050
43	Richmond	Spruce	19.22485	0.6321	1.95914	0.0644
44	Richmond	St. Clair	45.37011	1.4916	5.02392	0.1652
45	Richmond	Welwyn	12.79051	0.4205	1.20480	0.0396
46	Richmond	Dawn Export	48.11825	1.5820	5.07015	0.1667
47	Sainte-Genevieve-de-Berthier	Empress	71.46092	2.3494	6.26918	0.2061
48	Sainte-Genevieve-de-Berthier	TransGas SSDA	62.34139	2.0496	5.43150	0.1786
49	Sainte-Genevieve-de-Berthier	Centram SSDA	58.60440	1.9267	5.08810	0.1673
50	Sainte-Genevieve-de-Berthier	Centram MDA	52.98492	1.7420	4.57193	0.1503
51	Sainte-Genevieve-de-Berthier	Centrat MDA	50.39220	1.6567	4.33377	0.1425
52	Sainte-Genevieve-de-Berthier	Union WDA	40.65096	1.3365	3.43921	0.1131
53	Sainte-Genevieve-de-Berthier	Nipigon WDA	36.65178	1.2050	3.07178	0.1010
54	Sainte-Genevieve-de-Berthier	Union NDA	20.85093	0.6855	1.62060	0.0533
55	Sainte-Genevieve-de-Berthier	Calstock NDA	29.69883	0.9764	2.43333	0.0800
56	Sainte-Genevieve-de-Berthier	Tunis NDA	24.22475	0.7964	1.93024	0.0635
57	Sainte-Genevieve-de-Berthier	GMIT NDA	20.15652	0.6627	1.55673	0.0512
58	Sainte-Genevieve-de-Berthier	Union SSMDA	34.86024	1.1461	2.90723	0.0956
59	Sainte-Genevieve-de-Berthier	Union NCDA	18.95080	0.6230	1.44601	0.0475
60	Sainte-Genevieve-de-Berthier	Union CDA	18.58063	0.6109	1.41194	0.0464
61	Sainte-Genevieve-de-Berthier	Union ECDA	17.54038	0.5767	1.31643	0.0433
62	Sainte-Genevieve-de-Berthier	Union EDA	10.55276	0.3469	0.67464	0.0222
63	Sainte-Genevieve-de-Berthier	Union Parkway Belt	17.29796	0.5687	1.29423	0.0426
64	Sainte-Genevieve-de-Berthier	Enbridge CDA	16.67624	0.5483	1.23705	0.0407
65	Sainte-Genevieve-de-Berthier	Enbridge Parkway CDA	17.29796	0.5687	1.29423	0.0426
66	Sainte-Genevieve-de-Berthier	Enbridge EDA	10.04875	0.3304	0.62841	0.0207
67	Sainte-Genevieve-de-Berthier	KPUC EDA	10.90924	0.3587	0.70719	0.0233
68	Sainte-Genevieve-de-Berthier	GMIT EDA	6.18188	0.2032	0.27314	0.0090
69	Sainte-Genevieve-de-Berthier	Enbridge SWDA	22.06760	0.7255	1.73223	0.0570
70	Sainte-Genevieve-de-Berthier	Union SWDA	22.14303	0.7280	1.73923	0.0572
71	Sainte-Genevieve-de-Berthier	Chippawa	20.13796	0.6621	1.55490	0.0511
72	Sainte-Genevieve-de-Berthier	Cornwall	7.43323	0.2444	0.38812	0.0128
73	Sainte-Genevieve-de-Berthier	East Hereford	9.07238	0.2983	0.53868	0.0177
74	Sainte-Genevieve-de-Berthier	Emerson 1	53.37547	1.7548	4.60782	0.1515
75	Sainte-Genevieve-de-Berthier	Emerson 2	53.37547	1.7548	4.60782	0.1515
76	Sainte-Genevieve-de-Berthier	Iroquois	8.51819	0.2801	0.48758	0.0160
77	Sainte-Genevieve-de-Berthier	Kirkwall	18.10126	0.5951	1.36784	0.0450
78	Sainte-Genevieve-de-Berthier	Napierville	8.12216	0.2670	0.45138	0.0148
79	Sainte-Genevieve-de-Berthier	Niagara Falls	20.08778	0.6604	1.55034	0.0510
80	Sainte-Genevieve-de-Berthier	North Bay Junction	17.18968	0.5651	1.28419	0.0422
81	Sainte-Genevieve-de-Berthier	Philipsburg	8.48929	0.2791	0.48515	0.0160

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Sainte-Genevieve-de-Berthier	Spruce	50.39220	1.6567	4.33377	0.1425
2	Sainte-Genevieve-de-Berthier	St. Clair	22.56856	0.7420	1.77816	0.0585
3	Sainte-Genevieve-de-Berthier	Welwyn	58.60440	1.9267	5.08810	0.1673
4	Sainte-Genevieve-de-Berthier	Dawn Export	22.06760	0.7255	1.73223	0.0570
5	Shackleton	Empress	4.27932	0.1407	0.20683	0.0068
6	Shackleton	TransGas SSDA	8.39652	0.2761	0.68955	0.0227
7	Shackleton	Centram SSDA	11.30162	0.3716	1.03021	0.0339
8	Shackleton	Centram MDA	15.74671	0.5177	1.55125	0.0510
9	Shackleton	Centrat MDA	17.73565	0.5831	1.78455	0.0587
10	Shackleton	Union WDA	26.05279	0.8565	2.75940	0.0907
11	Shackleton	Nipigon WDA	28.50163	0.9370	3.04653	0.1002
12	Shackleton	Union NDA	40.89430	1.3445	4.49923	0.1479
13	Shackleton	Calstock NDA	33.94956	1.1162	3.68528	0.1212
14	Shackleton	Tunis NDA	38.23892	1.2572	4.18807	0.1377
15	Shackleton	GMIT NDA	41.76878	1.3732	4.60174	0.1513
16	Shackleton	Union SSMDA	36.94956	1.2148	4.03690	0.1327
17	Shackleton	Union NCDA	49.04110	1.6123	5.17296	0.1701
18	Shackleton	Union CDA	50.38825	1.6566	5.32322	0.1750
19	Shackleton	Union ECDA	50.68086	1.6662	5.35577	0.1761
20	Shackleton	Union EDA	54.29405	1.7850	5.75848	0.1893
21	Shackleton	Union Parkway Belt	50.48193	1.6597	5.33356	0.1754
22	Shackleton	Enbridge CDA	51.51853	1.6938	5.44915	0.1792
23	Shackleton	Enbridge Parkway CDA	50.48193	1.6597	5.33356	0.1754
24	Shackleton	Enbridge EDA	53.10841	1.7460	5.62648	0.1850
25	Shackleton	KPUC EDA	55.43529	1.8225	5.88593	0.1935
26	Shackleton	GMIT EDA	56.96768	1.8729	6.05657	0.1991
27	Shackleton	Enbridge SWDA	46.55240	1.5305	4.89556	0.1610
28	Shackleton	Union SWDA	46.49005	1.5284	4.88857	0.1607
29	Shackleton	Chippawa	51.79046	1.7027	5.47956	0.1802
30	Shackleton	Cornwall	54.04068	1.7767	5.73020	0.1884
31	Shackleton	East Hereford	60.21010	1.9795	6.41822	0.2110
32	Shackleton	Emerson 1	18.08362	0.5945	1.82530	0.0600
33	Shackleton	Emerson 2	18.08362	0.5945	1.82530	0.0600
34	Shackleton	Iroquois	53.46490	1.7578	5.66602	0.1863
35	Shackleton	Kirkwall	49.82007	1.6379	5.25965	0.1729
36	Shackleton	Napierville	56.70153	1.8642	6.02706	0.1982
37	Shackleton	Niagara Falls	51.74909	1.7013	5.47470	0.1800
38	Shackleton	North Bay Junction	43.75103	1.4384	4.83412	0.1589
39	Shackleton	Philipsburg	57.00388	1.8741	6.06083	0.1993
40	Shackleton	Spruce	17.73565	0.5831	1.78455	0.0587
41	Shackleton	St. Clair	43.88121	1.4427	4.84933	0.1594
42	Shackleton	Welwyn	11.30162	0.3716	1.03021	0.0339
43	Shackleton	Dawn Export	46.55240	1.5305	4.89556	0.1610
44	Spruce	Empress	-	0.6333	-	0.0646
45	Spruce	TransGas SSDA	-	0.3983	-	0.0370
46	Spruce	Centram SSDA	-	0.3021	-	0.0257
47	Spruce	Centram MDA	-	0.1574	-	0.0088
48	Spruce	Centrat MDA	-	0.0905	-	0.0009
49	Spruce	Union WDA	-	0.3640	-	0.0330
50	Spruce	Nipigon WDA	-	0.4445	-	0.0424
51	Spruce	Union NDA	-	0.8519	-	0.0902
52	Spruce	Calstock NDA	-	0.6236	-	0.0634
53	Spruce	Tunis NDA	-	0.7646	-	0.0799
54	Spruce	GMIT NDA	-	0.8807	-	0.0936
55	Spruce	Union SSMDA	-	0.7876	-	0.0827
56	Spruce	Union NCDA	-	1.0944	-	0.1123
57	Spruce	Union CDA	-	1.2075	-	0.1249
58	Spruce	Union ECDA	-	1.2058	-	0.1247
59	Spruce	Union EDA	-	1.2691	-	0.1318
60	Spruce	Union Parkway Belt	-	1.1992	-	0.1240
61	Spruce	Enbridge CDA	-	1.1913	-	0.1231
62	Spruce	Enbridge Parkway CDA	-	1.1992	-	0.1240
63	Spruce	Enbridge EDA	-	1.2285	-	0.1273
64	Spruce	KPUC EDA	-	1.3046	-	0.1358
65	Spruce	GMIT EDA	-	1.3550	-	0.1414
66	Spruce	Enbridge SWDA	-	1.0814	-	0.1109
67	Spruce	Union SWDA	-	1.0793	-	0.1106
68	Spruce	Chippawa	-	1.2536	-	0.1301
69	Spruce	Cornwall	-	1.2588	-	0.1307
70	Spruce	East Hereford	-	1.4616	-	0.1533
71	Spruce	Emerson 1	-	0.1674	-	0.0099
72	Spruce	Emerson 2	-	0.1674	-	0.0099
73	Spruce	Iroquois	-	1.2398	-	0.1285
74	Spruce	Kirkwall	-	1.1888	-	0.1229
75	Spruce	Napierville	-	1.3463	-	0.1404
76	Spruce	Niagara Falls	-	1.2522	-	0.1299
77	Spruce	North Bay Junction	-	0.9458	-	0.1012
78	Spruce	Philipsburg	-	1.3562	-	0.1415
79	Spruce	Spruce	-	0.0905	-	0.0009
80	Spruce	St. Clair	-	1.0155	-	0.1094
81	Spruce	Welwyn	-	0.3021	-	0.0257



Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Spruce	Dawn Export	-	1.0814	-	0.1109
2	SS. Marie	Empress	38.29732	1.2591	4.19476	0.1379
3	SS. Marie	TransGas SSDA	31.15123	1.0242	3.35709	0.1104
4	SS. Marie	Centram SSDA	28.22393	0.9279	3.01399	0.0991
5	SS. Marie	Centram MDA	23.79526	0.7823	2.49478	0.0820
6	SS. Marie	Centrat MDA	23.77914	0.7818	2.49295	0.0820
7	SS. Marie	Union WDA	32.05917	1.0540	3.46355	0.1139
8	SS. Marie	Nipigon WDA	34.54512	1.1357	3.75494	0.1235
9	SS. Marie	Union NDA	25.11352	0.8257	2.64929	0.0871
10	SS. Marie	Calstock NDA	32.05825	1.0540	3.46355	0.1139
11	SS. Marie	Tunis NDA	27.76920	0.9130	2.96076	0.0973
12	SS. Marie	GMIT NDA	24.58184	0.8082	2.58694	0.0851
13	SS. Marie	Union SSM DA	2.93156	0.0964	0.04897	0.0016
14	SS. Marie	Union NCDA	20.36457	0.6695	1.97587	0.0650
15	SS. Marie	Union CDA	17.08322	0.5616	1.60995	0.0529
16	SS. Marie	Union ECDA	17.37583	0.5713	1.64250	0.0540
17	SS. Marie	Union EDA	22.76353	0.7484	2.24323	0.0738
18	SS. Marie	Union Parkway Belt	17.17660	0.5647	1.62030	0.0533
19	SS. Marie	Enbridge CDA	18.43767	0.6062	1.76082	0.0579
20	SS. Marie	Enbridge Parkway CDA	17.17660	0.5647	1.62030	0.0533
21	SS. Marie	Enbridge EDA	25.14455	0.8267	2.50877	0.0825
22	SS. Marie	KPUC EDA	22.44020	0.7378	2.20703	0.0726
23	SS. Marie	GMIT EDA	28.23123	0.9282	2.85278	0.0938
24	SS. Marie	Enbridge SWDA	13.24707	0.4355	1.18230	0.0389
25	SS. Marie	Union SWDA	13.18532	0.4335	1.17530	0.0386
26	SS. Marie	Chippawa	18.48543	0.6077	1.76630	0.0581
27	SS. Marie	Cornwall	25.30393	0.8319	2.52641	0.0831
28	SS. Marie	East Hereford	31.47304	1.0347	3.21413	0.1057
29	SS. Marie	Emerson 1	21.44162	0.7049	2.21890	0.0730
30	SS. Marie	Emerson 2	21.44162	0.7049	2.21890	0.0730
31	SS. Marie	Iroquois	24.75765	0.8140	2.46558	0.0811
32	SS. Marie	Kirkwall	16.51503	0.5430	1.54669	0.0509
33	SS. Marie	Napierville	27.96478	0.9194	2.82297	0.0928
34	SS. Marie	Niagara Falls	18.44375	0.6064	1.76173	0.0579
35	SS. Marie	North Bay Junction	22.25679	0.7317	2.31440	0.0761
36	SS. Marie	Philipsburg	28.26712	0.9293	2.85673	0.0939
37	SS. Marie	Spruce	23.77914	0.7818	2.49295	0.0820
38	SS. Marie	St. Clair	12.20651	0.4013	1.13637	0.0374
39	SS. Marie	Welwyn	28.22393	0.9279	3.01399	0.0991
40	SS. Marie	Dawn Export	13.24707	0.4355	1.18230	0.0389
41	St. Clair	Empress	57.95196	1.9053	5.02818	0.1653
42	St. Clair	TransGas SSDA	48.83122	1.6054	4.19050	0.1378
43	St. Clair	Centram SSDA	45.09545	1.4826	3.84740	0.1265
44	St. Clair	Centram MDA	39.44281	1.2968	3.32819	0.1094
45	St. Clair	Centrat MDA	39.42243	1.2961	3.32637	0.1094
46	St. Clair	Union WDA	39.42517	1.2962	3.32667	0.1094
47	St. Clair	Nipigon WDA	35.80437	1.1771	2.99391	0.0984
48	St. Clair	Union NDA	19.98801	0.6571	1.54121	0.0507
49	St. Clair	Calstock NDA	28.85143	0.9485	2.35547	0.0774
50	St. Clair	Tunis NDA	23.37703	0.7686	1.85238	0.0609
51	St. Clair	GMIT NDA	19.30911	0.6348	1.47886	0.0486
52	St. Clair	Union SSM DA	15.80572	0.5196	1.15705	0.0380
53	St. Clair	Union NCDA	12.65425	0.4160	0.86748	0.0285
54	St. Clair	Union CDA	8.67149	0.2851	0.50188	0.0165
55	St. Clair	Union ECDA	9.02706	0.2968	0.53442	0.0176
56	St. Clair	Union EDA	15.56603	0.5118	1.13515	0.0373
57	St. Clair	Union Parkway Belt	8.78494	0.2888	0.51222	0.0168
58	St. Clair	Enbridge EDA	18.45562	0.6068	1.40038	0.0460
59	St. Clair	Enbridge CDA	10.31551	0.3391	0.65274	0.0215
60	St. Clair	Enbridge Parkway CDA	8.78494	0.2888	0.51222	0.0168
61	St. Clair	KPUC EDA	15.17396	0.4989	1.09895	0.0361
62	St. Clair	GMIT EDA	22.20295	0.7300	1.74470	0.0574
63	St. Clair	Enbridge SWDA	4.01530	0.1320	0.07422	0.0024
64	St. Clair	Union SWDA	3.93957	0.1295	0.06722	0.0022
65	St. Clair	Chippawa	10.37330	0.3410	0.65822	0.0216
66	St. Clair	Cornwall	18.65028	0.6132	1.41833	0.0466
67	St. Clair	East Hereford	26.13856	0.8594	2.10605	0.0692
68	St. Clair	Emerson 1	36.43947	1.1980	3.05231	0.1004
69	St. Clair	Emerson 2	36.43947	1.1980	3.05231	0.1004
70	St. Clair	Iroquois	17.75938	0.5839	1.33651	0.0439
71	St. Clair	Kirkwall	7.98164	0.2624	0.43830	0.0144
72	St. Clair	Napierville	21.87993	0.7193	1.71489	0.0564
73	St. Clair	Niagara Falls	10.32342	0.3394	0.65335	0.0215
74	St. Clair	North Bay Junction	16.34196	0.5373	1.20633	0.0397
75	St. Clair	Philipsburg	22.24705	0.7314	1.74865	0.0575
76	St. Clair	Spruce	39.42243	1.2961	3.32637	0.1094
77	St. Clair	St. Clair	3.51465	0.1156	0.02798	0.0009
78	St. Clair	Welwyn	45.09545	1.4826	3.84740	0.1265
79	St. Clair	Dawn Export	4.01530	0.1320	0.07422	0.0024
80	Steelman	Empress	9.07755	0.2984	0.76954	0.0253
81	Steelman	TransGas SSDA	3.76011	0.1236	0.14600	0.0048

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Steelman	Centram SSDA	6.50308	0.2138	0.46781	0.0154
2	Steelman	Centram MDA	10.94818	0.3599	0.98885	0.0325
3	Steelman	Centrat MDA	12.93803	0.4254	1.22184	0.0402
4	Steelman	Union WDA	21.25456	0.6988	2.19700	0.0722
5	Steelman	Nipigon WDA	23.70340	0.7793	2.48413	0.0817
6	Steelman	Union NDA	36.09637	1.1867	3.93683	0.1294
7	Steelman	Calstock NDA	29.15133	0.9584	3.12258	0.1027
8	Steelman	Tunis NDA	33.44069	1.0994	3.62536	0.1192
9	Steelman	GMIT NDA	36.97055	1.2155	4.03933	0.1328
10	Steelman	Union SSMDA	32.15163	1.0570	3.47450	0.1142
11	Steelman	Union NCDA	43.99588	1.4464	4.61056	0.1516
12	Steelman	Union CDA	45.34304	1.4907	4.76051	0.1565
13	Steelman	Union ECDA	45.63625	1.5004	4.79336	0.1576
14	Steelman	Union EDA	49.24975	1.6192	5.19608	0.1708
15	Steelman	Union Parkway Belt	45.43672	1.4938	4.77116	0.1569
16	Steelman	Enbridge CDA	46.47332	1.5279	4.88674	0.1607
17	Steelman	Enbridge Parkway CDA	45.43672	1.4938	4.77116	0.1569
18	Steelman	Enbridge EDA	48.06320	1.5802	5.06377	0.1665
19	Steelman	KPUC EDA	50.38977	1.6567	5.32322	0.1750
20	Steelman	GMIT EDA	51.92277	1.7071	5.49416	0.1806
21	Steelman	Enbridge SWDA	41.50719	1.3646	4.33285	0.1425
22	Steelman	Union SWDA	41.44484	1.3626	4.32616	0.1422
23	Steelman	Chippawa	46.74494	1.5368	4.91685	0.1617
24	Steelman	Cornwall	48.99547	1.6108	5.16779	0.1699
25	Steelman	East Hereford	55.16488	1.8136	5.85582	0.1925
26	Steelman	Emerson 1	13.28539	0.4368	1.26260	0.0415
27	Steelman	Emerson 2	13.28539	0.4368	1.26260	0.0415
28	Steelman	Iroquois	48.41999	1.5919	5.10361	0.1678
29	Steelman	Kirkwall	44.77485	1.4721	4.69725	0.1544
30	Steelman	Napierville	51.65632	1.6983	5.46435	0.1797
31	Steelman	Niagara Falls	46.70388	1.5355	4.91229	0.1615
32	Steelman	North Bay Junction	38.95250	1.2806	4.27172	0.1404
33	Steelman	Philipsburg	51.95897	1.7082	5.49812	0.1808
34	Steelman	Spruce	12.93803	0.4254	1.22184	0.0402
35	Steelman	St. Clair	39.08268	1.2849	4.28693	0.1409
36	Steelman	Welwyn	6.50308	0.2138	0.46781	0.0154
37	Steelman	Dawn Export	41.50719	1.3646	4.33285	0.1425
38	Success	Empress	4.98560	0.1639	0.28987	0.0095
39	Success	TransGas SSDA	7.71063	0.2535	0.60925	0.0200
40	Success	Centram SSDA	10.59534	0.3483	0.94748	0.0312
41	Success	Centram MDA	15.03983	0.4945	1.46852	0.0483
42	Success	Centrat MDA	17.02968	0.5599	1.70181	0.0560
43	Success	Union WDA	25.34651	0.8333	2.67667	0.0880
44	Success	Nipigon WDA	27.79566	0.9138	2.96380	0.0974
45	Success	Union NDA	40.18833	1.3213	4.41650	0.1452
46	Success	Calstock NDA	33.24329	1.0929	3.60225	0.1184
47	Success	Tunis NDA	37.53234	1.2339	4.10503	0.1350
48	Success	GMIT NDA	41.06250	1.3500	4.51900	0.1486
49	Success	Union SSMDA	36.24328	1.1916	3.95417	0.1300
50	Success	Union NCDA	48.29832	1.5879	5.09023	0.1674
51	Success	Union CDA	49.64578	1.6322	5.24018	0.1723
52	Success	Union ECDA	49.93839	1.6418	5.27303	0.1734
53	Success	Union EDA	53.55128	1.7606	5.67575	0.1866
54	Success	Union Parkway Belt	49.73916	1.6353	5.25083	0.1726
55	Success	Enbridge CDA	50.77576	1.6693	5.36641	0.1764
56	Success	Enbridge Parkway CDA	49.73916	1.6353	5.25083	0.1726
57	Success	Enbridge EDA	52.36594	1.7216	5.54374	0.1823
58	Success	KPUC EDA	54.69251	1.7981	5.80289	0.1908
59	Success	GMIT EDA	56.22460	1.8485	5.97383	0.1964
60	Success	Enbridge SWDA	45.80963	1.5061	4.81253	0.1582
61	Success	Union SWDA	45.74728	1.5040	4.80583	0.1580
62	Success	Chippawa	51.04768	1.6783	5.39653	0.1774
63	Success	Cornwall	53.29821	1.7523	5.64746	0.1857
64	Success	East Hereford	59.46732	1.9551	6.33549	0.2083
65	Success	Emerson 1	17.37735	0.5713	1.74257	0.0573
66	Success	Emerson 2	17.37735	0.5713	1.74257	0.0573
67	Success	Iroquois	52.72243	1.7333	5.58328	0.1836
68	Success	Kirkwall	49.07729	1.6135	5.17692	0.1702
69	Success	Napierville	55.95906	1.8398	5.94433	0.1954
70	Success	Niagara Falls	51.00662	1.6769	5.39196	0.1773
71	Success	North Bay Junction	43.04475	1.4152	4.75139	0.1562
72	Success	Philipsburg	56.26140	1.8497	5.97779	0.1965
73	Success	Spruce	17.02968	0.5599	1.70181	0.0560
74	Success	St. Clair	43.17494	1.4195	4.76660	0.1567
75	Success	Welwyn	10.59534	0.3483	0.94748	0.0312
76	Success	Dawn Export	45.80963	1.5061	4.81253	0.1582
77	Suffield 2	Empress	2.78708	0.0916	0.03194	0.0011
78	Suffield 2	TransGas SSDA	9.86625	0.3244	0.86201	0.0283
79	Suffield 2	Centram SSDA	12.79355	0.4206	1.20511	0.0396
80	Suffield 2	Centram MDA	17.23773	0.5667	1.72615	0.0568
81	Suffield 2	Centrat MDA	19.22820	0.6322	1.95944	0.0644

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Suffield 2	Union WDA	27.54503	0.9056	2.93430	0.0965
2	Suffield 2	Nipigon WDA	29.99388	0.9861	3.22143	0.1059
3	Suffield 2	Union NDA	42.38654	1.3935	4.67413	0.1537
4	Suffield 2	Calstock NDA	35.44150	1.1652	3.86018	0.1269
5	Suffield 2	Tunis NDA	39.73086	1.3062	4.36297	0.1434
6	Suffield 2	GMIT NDA	43.26071	1.4223	4.77663	0.1570
7	Suffield 2	Union SSMDA	38.44180	1.2638	4.21180	0.1385
8	Suffield 2	Union NCDA	50.61029	1.6639	5.34786	0.1758
9	Suffield 2	Union CDA	51.95714	1.7082	5.49812	0.1808
10	Suffield 2	Union ECDA	52.24975	1.7178	5.53066	0.1818
11	Suffield 2	Union EDA	55.86355	1.8366	5.93368	0.1951
12	Suffield 2	Union Parkway Belt	52.05052	1.7113	5.50846	0.1811
13	Suffield 2	Enbridge CDA	53.08743	1.7453	5.62404	0.1849
14	Suffield 2	Enbridge Parkway CDA	52.05052	1.7113	5.50846	0.1811
15	Suffield 2	Enbridge EDA	54.67791	1.7976	5.80137	0.1907
16	Suffield 2	KPUC EDA	57.00388	1.8741	6.06083	0.1993
17	Suffield 2	GMIT EDA	58.53688	1.9245	6.23146	0.2049
18	Suffield 2	Enbridge SWDA	48.12130	1.5821	5.07046	0.1667
19	Suffield 2	Union SWDA	48.05925	1.5800	5.06346	0.1665
20	Suffield 2	Chippawa	53.35935	1.7543	5.65446	0.1859
21	Suffield 2	Cornwall	55.60958	1.8283	5.90540	0.1942
22	Suffield 2	East Hereford	61.77899	2.0311	6.59312	0.2168
23	Suffield 2	Emerson 1	19.57556	0.6436	2.00020	0.0658
24	Suffield 2	Emerson 2	19.57556	0.6436	2.00020	0.0658
25	Suffield 2	Iroquois	55.03379	1.8093	5.84122	0.1920
26	Suffield 2	Kirkwall	51.38896	1.6895	5.43455	0.1787
27	Suffield 2	Napierville	58.27073	1.9158	6.20196	0.2039
28	Suffield 2	Niagara Falls	53.31798	1.7529	5.64990	0.1858
29	Suffield 2	North Bay Junction	45.24297	1.4874	5.00902	0.1647
30	Suffield 2	Philipsburg	58.57307	1.9257	6.23572	0.2050
31	Suffield 2	Spruce	19.22820	0.6322	1.95944	0.0644
32	Suffield 2	St. Clair	45.37315	1.4917	5.02423	0.1652
33	Suffield 2	Welwyn	12.79355	0.4206	1.20511	0.0396
34	Suffield 2	Dawn Export	48.12130	1.5821	5.07046	0.1667
35	TransGas SSDA	Empress	-	0.3255	-	0.0285
36	TransGas SSDA	TransGas SSDA	-	0.0905	-	0.0009
37	TransGas SSDA	Centram SSDA	-	0.1868	-	0.0122
38	TransGas SSDA	Centram MDA	-	0.3329	-	0.0293
39	TransGas SSDA	Centrat MDA	-	0.3983	-	0.0370
40	TransGas SSDA	Union WDA	-	0.6717	-	0.0691
41	TransGas SSDA	Nipigon WDA	-	0.7523	-	0.0785
42	TransGas SSDA	Union NDA	-	1.1596	-	0.1263
43	TransGas SSDA	Calstock NDA	-	0.9314	-	0.0995
44	TransGas SSDA	Tunis NDA	-	1.0724	-	0.1160
45	TransGas SSDA	GMIT NDA	-	1.1885	-	0.1296
46	TransGas SSDA	Union SSMDA	-	1.0300	-	0.1111
47	TransGas SSDA	Union NCDA	-	1.4180	-	0.1484
48	TransGas SSDA	Union CDA	-	1.4623	-	0.1534
49	TransGas SSDA	Union ECDA	-	1.4719	-	0.1544
50	TransGas SSDA	Union EDA	-	1.5908	-	0.1677
51	TransGas SSDA	Union Parkway Belt	-	1.4654	-	0.1537
52	TransGas SSDA	Enbridge CDA	-	1.4994	-	0.1575
53	TransGas SSDA	Enbridge Parkway CDA	-	1.4654	-	0.1537
54	TransGas SSDA	Enbridge EDA	-	1.5517	-	0.1633
55	TransGas SSDA	KPUC EDA	-	1.6282	-	0.1718
56	TransGas SSDA	GMIT EDA	-	1.6786	-	0.1775
57	TransGas SSDA	Enbridge SWDA	-	1.3362	-	0.1393
58	TransGas SSDA	Union SWDA	-	1.3342	-	0.1391
59	TransGas SSDA	Chippawa	-	1.5084	-	0.1585
60	TransGas SSDA	Cornwall	-	1.5824	-	0.1667
61	TransGas SSDA	East Hereford	-	1.7852	-	0.1894
62	TransGas SSDA	Emerson 1	-	0.4098	-	0.0384
63	TransGas SSDA	Emerson 2	-	0.4098	-	0.0384
64	TransGas SSDA	Iroquois	-	1.5635	-	0.1646
65	TransGas SSDA	Kirkwall	-	1.4436	-	0.1513
66	TransGas SSDA	Napierville	-	1.6699	-	0.1765
67	TransGas SSDA	Niagara Falls	-	1.5071	-	0.1583
68	TransGas SSDA	North Bay Junction	-	1.2536	-	0.1373
69	TransGas SSDA	Philipsburg	-	1.6798	-	0.1776
70	TransGas SSDA	Spruce	-	0.3983	-	0.0370
71	TransGas SSDA	St. Clair	-	1.2579	-	0.1378
72	TransGas SSDA	Welwyn	-	0.1868	-	0.0122
73	TransGas SSDA	Dawn Export	-	1.3362	-	0.1393
74	Tunis NDA	Empress	-	1.3073	-	0.1436
75	Tunis NDA	TransGas SSDA	-	1.0724	-	0.1160
76	Tunis NDA	Centram SSDA	-	0.9761	-	0.1047
77	Tunis NDA	Centram MDA	-	0.8314	-	0.0878
78	Tunis NDA	Centrat MDA	-	0.7646	-	0.0799
79	Tunis NDA	Union WDA	-	0.5137	-	0.0505
80	Tunis NDA	Nipigon WDA	-	0.4107	-	0.0385
81	Tunis NDA	Union NDA	-	0.1942	-	0.0131

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Tunis NDA	Calstock NDA	-	0.2316	-	0.0175
2	Tunis NDA	Tunis NDA	-	0.0905	-	0.0009
3	Tunis NDA	GMIT NDA	-	0.2066	-	0.0145
4	Tunis NDA	Union SSMDA	-	0.9188	-	0.0980
5	Tunis NDA	Union NCDA	-	0.3856	-	0.0333
6	Tunis NDA	Union CDA	-	0.5252	-	0.0489
7	Tunis NDA	Union ECDA	-	0.4970	-	0.0457
8	Tunis NDA	Union EDA	-	0.5604	-	0.0528
9	Tunis NDA	Union Parkway Belt	-	0.4904	-	0.0450
10	Tunis NDA	Enbridge CDA	-	0.4865	-	0.0446
11	Tunis NDA	Enbridge Parkway CDA	-	0.4904	-	0.0450
12	Tunis NDA	Enbridge EDA	-	0.5198	-	0.0483
13	Tunis NDA	KPUC EDA	-	0.5958	-	0.0567
14	Tunis NDA	GMIT EDA	-	0.6462	-	0.0624
15	Tunis NDA	Enbridge SWDA	-	0.6196	-	0.0594
16	Tunis NDA	Union SWDA	-	0.6217	-	0.0596
17	Tunis NDA	Chippawa	-	0.5674	-	0.0536
18	Tunis NDA	Cornwall	-	0.5500	-	0.0516
19	Tunis NDA	East Hereford	-	0.7528	-	0.0742
20	Tunis NDA	Emerson 1	-	0.8415	-	0.0890
21	Tunis NDA	Emerson 2	-	0.8415	-	0.0890
22	Tunis NDA	Iroquois	-	0.5311	-	0.0495
23	Tunis NDA	Kirkwall	-	0.5122	-	0.0474
24	Tunis NDA	Napierville	-	0.6375	-	0.0614
25	Tunis NDA	Niagara Falls	-	0.5660	-	0.0534
26	Tunis NDA	North Bay Junction	-	0.2718	-	0.0222
27	Tunis NDA	Philipsburg	-	0.6474	-	0.0625
28	Tunis NDA	Spruce	-	0.7646	-	0.0799
29	Tunis NDA	St. Clair	-	0.6022	-	0.0609
30	Tunis NDA	Welwyn	-	0.9761	-	0.1047
31	Tunis NDA	Dawn Export	-	0.6196	-	0.0594
32	Union CDA	Empress	-	2.0748	-	0.1809
33	Union CDA	TransGas SSDA	-	1.7750	-	0.1534
34	Union CDA	Centram SSDA	-	1.6521	-	0.1421
35	Union CDA	Centram MDA	-	1.4663	-	0.1250
36	Union CDA	Centrat MDA	-	1.4656	-	0.1249
37	Union CDA	Union WDA	-	1.1775	-	0.0985
38	Union CDA	Nipigon WDA	-	1.0460	-	0.0864
39	Union CDA	Union NDA	-	0.5261	-	0.0386
40	Union CDA	Calstock NDA	-	0.8174	-	0.0654
41	Union CDA	Tunis NDA	-	0.6375	-	0.0489
42	Union CDA	GMIT NDA	-	0.5037	-	0.0366
43	Union CDA	Union SSMDA	-	0.6892	-	0.0536
44	Union CDA	Union NCDA	-	0.2849	-	0.0165
45	Union CDA	Union CDA	-	0.1156	-	0.0009
46	Union CDA	Union ECDA	-	0.1524	-	0.0043
47	Union CDA	Union EDA	-	0.3807	-	0.0253
48	Union CDA	Union Parkway Belt	-	0.1577	-	0.0048
49	Union CDA	Enbridge CDA	-	0.2011	-	0.0088
50	Union CDA	Enbridge Parkway CDA	-	0.1577	-	0.0048
51	Union CDA	Enbridge EDA	-	0.4757	-	0.0340
52	Union CDA	KPUC EDA	-	0.3678	-	0.0241
53	Union CDA	GMIT EDA	-	0.5989	-	0.0453
54	Union CDA	Enbridge SWDA	-	0.2686	-	0.0150
55	Union CDA	Union SWDA	-	0.2711	-	0.0152
56	Union CDA	Chippawa	-	0.1715	-	0.0061
57	Union CDA	Cornwall	-	0.4821	-	0.0346
58	Union CDA	East Hereford	-	0.7283	-	0.0572
59	Union CDA	Emerson 1	-	1.3676	-	0.1159
60	Union CDA	Emerson 2	-	1.3676	-	0.1159
61	Union CDA	Iroquois	-	0.4528	-	0.0319
62	Union CDA	Kirkwall	-	0.1382	-	0.0030
63	Union CDA	Napierville	-	0.5882	-	0.0443
64	Union CDA	Niagara Falls	-	0.1699	-	0.0059
65	Union CDA	North Bay Junction	-	0.4062	-	0.0276
66	Union CDA	Philipsburg	-	0.6003	-	0.0455
67	Union CDA	Spruce	-	1.4656	-	0.1249
68	Union CDA	St. Clair	-	0.2851	-	0.0165
69	Union CDA	Welwyn	-	1.6521	-	0.1421
70	Union CDA	Dawn Export	-	0.2686	-	0.0150
71	Union ECDA	Empress	-	2.0865	-	0.1820
72	Union ECDA	TransGas SSDA	-	1.7867	-	0.1544
73	Union ECDA	Centram SSDA	-	1.6638	-	0.1431
74	Union ECDA	Centram MDA	-	1.4780	-	0.1261
75	Union ECDA	Centrat MDA	-	1.4636	-	0.1247
76	Union ECDA	Union WDA	-	1.1433	-	0.0953
77	Union ECDA	Nipigon WDA	-	1.0118	-	0.0833
78	Union ECDA	Union NDA	-	0.4918	-	0.0355
79	Union ECDA	Calstock NDA	-	0.7832	-	0.0623
80	Union ECDA	Tunis NDA	-	0.6033	-	0.0457
81	Union ECDA	GMIT NDA	-	0.4695	-	0.0334

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Union ECDA	Union SSMDA	-	0.7009	-	0.0547
2	Union ECDA	Union NCDA	-	0.2507	-	0.0133
3	Union ECDA	Union CDA	-	0.1524	-	0.0043
4	Union ECDA	Union ECDA	-	0.1156	-	0.0009
5	Union ECDA	Union EDA	-	0.3465	-	0.0221
6	Union ECDA	Union Parkway Belt	-	0.1235	-	0.0017
7	Union ECDA	Enbridge CDA	-	0.1782	-	0.0067
8	Union ECDA	Enbridge Parkway CDA	-	0.1235	-	0.0017
9	Union ECDA	Enbridge EDA	-	0.4414	-	0.0309
10	Union ECDA	KPUC EDA	-	0.3336	-	0.0210
11	Union ECDA	GMIT EDA	-	0.5646	-	0.0422
12	Union ECDA	Enbridge SWDA	-	0.2803	-	0.0161
13	Union ECDA	Union SWDA	-	0.2828	-	0.0163
14	Union ECDA	Chippawa	-	0.2010	-	0.0088
15	Union ECDA	Cornwall	-	0.4478	-	0.0315
16	Union ECDA	East Hereford	-	0.6940	-	0.0541
17	Union ECDA	Emerson 1	-	1.3792	-	0.1170
18	Union ECDA	Emerson 2	-	1.3792	-	0.1170
19	Union ECDA	Iroquois	-	0.4186	-	0.0288
20	Union ECDA	Kirkwall	-	0.1499	-	0.0041
21	Union ECDA	Napierville	-	0.5540	-	0.0412
22	Union ECDA	Niagara Falls	-	0.1993	-	0.0086
23	Union ECDA	North Bay Junction	-	0.3720	-	0.0245
24	Union ECDA	Philipsburg	-	0.5661	-	0.0423
25	Union ECDA	Spruce	-	1.4636	-	0.1247
26	Union ECDA	St. Clair	-	0.2968	-	0.0176
27	Union ECDA	Welwyn	-	1.6638	-	0.1431
28	Union ECDA	Dawn Export	-	0.2803	-	0.0161
29	Union Dawn	Empress	58.45262	1.9217	5.07441	0.1668
30	Union Dawn	TransGas SSDA	49.33279	1.6219	4.23674	0.1393
31	Union Dawn	Centram SSDA	45.59610	1.4991	3.89333	0.1280
32	Union Dawn	Centram MDA	39.94378	1.3132	3.37412	0.1109
33	Union Dawn	Centrat MDA	39.92370	1.3126	3.37230	0.1109
34	Union Dawn	Union WDA	39.00968	1.2825	3.28835	0.1081
35	Union Dawn	Nipigon WDA	35.30341	1.1607	2.94798	0.0969
36	Union Dawn	Union NDA	19.48765	0.6407	1.49528	0.0492
37	Union Dawn	Calstock NDA	28.35016	0.9321	2.30923	0.0759
38	Union Dawn	Tunis NDA	22.87607	0.7521	1.80645	0.0594
39	Union Dawn	GMIT NDA	18.80845	0.6184	1.43293	0.0471
40	Union Dawn	Union SSMDA	16.30698	0.5361	1.20298	0.0396
41	Union Dawn	Union NCDA	12.15359	0.3996	0.82155	0.0270
42	Union Dawn	Union CDA	8.17083	0.2686	0.45564	0.0150
43	Union Dawn	Union ECDA	8.52640	0.2803	0.48849	0.0161
44	Union Dawn	Union EDA	15.06507	0.4953	1.08892	0.0358
45	Union Dawn	Union Parkway Belt	8.28428	0.2724	0.46629	0.0153
46	Union Dawn	Enbridge CDA	9.81424	0.3227	0.60681	0.0200
47	Union Dawn	Enbridge Parkway CDA	8.28428	0.2724	0.46629	0.0153
48	Union Dawn	Enbridge EDA	17.95465	0.5903	1.35445	0.0445
49	Union Dawn	KPUC EDA	14.67270	0.4824	1.05303	0.0346
50	Union Dawn	GMIT EDA	21.70229	0.7135	1.69877	0.0559
51	Union Dawn	Enbridge SWDA	3.51465	0.1156	0.02798	0.0009
52	Union Dawn	Union SWDA	3.58978	0.1180	0.03498	0.0012
53	Union Dawn	Chippawa	9.87234	0.3246	0.61198	0.0201
54	Union Dawn	Cornwall	18.14902	0.5967	1.37240	0.0451
55	Union Dawn	East Hereford	25.63730	0.8429	2.06012	0.0677
56	Union Dawn	Emerson 1	36.94043	1.2145	3.09824	0.1019
57	Union Dawn	Emerson 2	36.94043	1.2145	3.09824	0.1019
58	Union Dawn	Iroquois	17.25872	0.5674	1.29058	0.0424
59	Union Dawn	Kirkwall	7.48098	0.2460	0.39238	0.0129
60	Union Dawn	Napierville	21.37866	0.7029	1.66896	0.0549
61	Union Dawn	Niagara Falls	9.82215	0.3229	0.60742	0.0200
62	Union Dawn	North Bay Junction	15.84100	0.5208	1.16040	0.0382
63	Union Dawn	Philipsburg	21.74579	0.7149	1.70273	0.0560
64	Union Dawn	Spruce	39.92370	1.3126	3.37230	0.1109
65	Union Dawn	St. Clair	4.01530	0.1320	0.07422	0.0024
66	Union Dawn	Welwyn	45.59610	1.4991	3.89333	0.1280
67	Union Dawn	Dawn Export	3.51465	0.1156	0.02798	0.0009
68	Union EDA	Empress	-	2.2307	-	0.1952
69	Union EDA	TransGas SSDA	-	1.9309	-	0.1677
70	Union EDA	Centram SSDA	-	1.8080	-	0.1564
71	Union EDA	Centram MDA	-	1.6222	-	0.1393
72	Union EDA	Centrat MDA	-	1.5405	-	0.1318
73	Union EDA	Union WDA	-	1.2202	-	0.1024
74	Union EDA	Nipigon WDA	-	1.0888	-	0.0903
75	Union EDA	Union NDA	-	0.5688	-	0.0426
76	Union EDA	Calstock NDA	-	0.8602	-	0.0693
77	Union EDA	Tunis NDA	-	0.6802	-	0.0528
78	Union EDA	GMIT NDA	-	0.5465	-	0.0405
79	Union EDA	Union SSMDA	-	0.9159	-	0.0744
80	Union EDA	Union NCDA	-	0.3984	-	0.0269
81	Union EDA	Union CDA	-	0.3807	-	0.0253

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Union EDA	Union ECDA	-	0.3465	-	0.0221
2	Union EDA	Union EDA	-	0.1156	-	0.0009
3	Union EDA	Union Parkway Belt	-	0.3385	-	0.0214
4	Union EDA	Enbridge CDA	-	0.3179	-	0.0195
5	Union EDA	Enbridge Parkway CDA	-	0.3385	-	0.0214
6	Union EDA	Enbridge EDA	-	0.2376	-	0.0121
7	Union EDA	KPUC EDA	-	0.1714	-	0.0061
8	Union EDA	GMIT EDA	-	0.3345	-	0.0210
9	Union EDA	Enbridge SWDA	-	0.4953	-	0.0358
10	Union EDA	Union SWDA	-	0.4978	-	0.0360
11	Union EDA	Chippawa	-	0.4319	-	0.0300
12	Union EDA	Cornwall	-	0.2181	-	0.0103
13	Union EDA	East Hereford	-	0.4643	-	0.0330
14	Union EDA	Emerson 1	-	1.5740	-	0.1349
15	Union EDA	Emerson 2	-	1.5740	-	0.1349
16	Union EDA	Iroquois	-	0.1932	-	0.0081
17	Union EDA	Kirkwall	-	0.3649	-	0.0238
18	Union EDA	Napierville	-	0.3243	-	0.0201
19	Union EDA	Niagara Falls	-	0.4302	-	0.0298
20	Union EDA	North Bay Junction	-	0.4489	-	0.0315
21	Union EDA	Philipsburg	-	0.3363	-	0.0212
22	Union EDA	Spruce	-	1.5405	-	0.1318
23	Union EDA	St. Clair	-	0.5118	-	0.0373
24	Union EDA	Welwyn	-	1.8080	-	0.1564
25	Union EDA	Dawn Export	-	0.4953	-	0.0358
26	Union NCDA	Empress	-	2.0211	-	0.1760
27	Union NCDA	TransGas SSDA	-	1.7212	-	0.1484
28	Union NCDA	Centram SSDA	-	1.5984	-	0.1371
29	Union NCDA	Centram MDA	-	1.4136	-	0.1202
30	Union NCDA	Centrat MDA	-	1.3284	-	0.1123
31	Union NCDA	Union WDA	-	1.0082	-	0.0829
32	Union NCDA	Nipigon WDA	-	0.8767	-	0.0708
33	Union NCDA	Union NDA	-	0.3565	-	0.0231
34	Union NCDA	Calstock NDA	-	0.6481	-	0.0498
35	Union NCDA	Tunis NDA	-	0.4681	-	0.0333
36	Union NCDA	GMIT NDA	-	0.3343	-	0.0210
37	Union NCDA	Union SSMDA	-	0.8201	-	0.0656
38	Union NCDA	Union NCDA	-	0.1156	-	0.0009
39	Union NCDA	Union CDA	-	0.2849	-	0.0165
40	Union NCDA	Union ECDA	-	0.2507	-	0.0133
41	Union NCDA	Union EDA	-	0.3984	-	0.0269
42	Union NCDA	Union Parkway Belt	-	0.2428	-	0.0126
43	Union NCDA	Enbridge CDA	-	0.2380	-	0.0122
44	Union NCDA	Enbridge Parkway CDA	-	0.2428	-	0.0126
45	Union NCDA	Enbridge EDA	-	0.4646	-	0.0330
46	Union NCDA	KPUC EDA	-	0.3884	-	0.0260
47	Union NCDA	GMIT EDA	-	0.6109	-	0.0464
48	Union NCDA	Enbridge SWDA	-	0.3996	-	0.0270
49	Union NCDA	Union SWDA	-	0.4020	-	0.0272
50	Union NCDA	Chippawa	-	0.3361	-	0.0212
51	Union NCDA	Cornwall	-	0.4942	-	0.0357
52	Union NCDA	East Hereford	-	0.7404	-	0.0583
53	Union NCDA	Emerson 1	-	1.4264	-	0.1213
54	Union NCDA	Emerson 2	-	1.4264	-	0.1213
55	Union NCDA	Iroquois	-	0.4665	-	0.0332
56	Union NCDA	Kirkwall	-	0.2692	-	0.0150
57	Union NCDA	Napierville	-	0.6004	-	0.0455
58	Union NCDA	Niagara Falls	-	0.3345	-	0.0210
59	Union NCDA	North Bay Junction	-	0.2368	-	0.0121
60	Union NCDA	Philipsburg	-	0.6125	-	0.0466
61	Union NCDA	Spruce	-	1.3284	-	0.1123
62	Union NCDA	St. Clair	-	0.4160	-	0.0285
63	Union NCDA	Welwyn	-	1.5984	-	0.1371
64	Union NCDA	Dawn Export	-	0.3996	-	0.0270
65	Union NDA	Empress	-	1.3946	-	0.1538
66	Union NDA	TransGas SSDA	-	1.1596	-	0.1263
67	Union NDA	Centram SSDA	-	1.0634	-	0.1150
68	Union NDA	Centram MDA	-	0.9185	-	0.0980
69	Union NDA	Centrat MDA	-	0.8519	-	0.0902
70	Union NDA	Union WDA	-	0.6009	-	0.0608
71	Union NDA	Nipigon WDA	-	0.4980	-	0.0487
72	Union NDA	Union NDA	-	0.0905	-	0.0009
73	Union NDA	Calstock NDA	-	0.3189	-	0.0277
74	Union NDA	Tunis NDA	-	0.1942	-	0.0131
75	Union NDA	GMIT NDA	-	0.1804	-	0.0115
76	Union NDA	Union SSMDA	-	0.8315	-	0.0878
77	Union NDA	Union NCDA	-	0.2937	-	0.0231
78	Union NDA	Union CDA	-	0.4334	-	0.0386
79	Union NDA	Union ECDA	-	0.4052	-	0.0355
80	Union NDA	Union EDA	-	0.4686	-	0.0426
81	Union NDA	Union Parkway Belt	-	0.3986	-	0.0348

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Union NDA	Enbridge CDA	-	0.3946	-	0.0343
2	Union NDA	Enbridge Parkway CDA	-	0.3986	-	0.0348
3	Union NDA	Enbridge EDA	-	0.4283	-	0.0381
4	Union NDA	KPUC EDA	-	0.5045	-	0.0466
5	Union NDA	GMIT EDA	-	0.5546	-	0.0521
6	Union NDA	Enbridge SWDA	-	0.5278	-	0.0492
7	Union NDA	Union SWDA	-	0.5299	-	0.0494
8	Union NDA	Chippawa	-	0.4756	-	0.0433
9	Union NDA	Cornwall	-	0.4586	-	0.0414
10	Union NDA	East Hereford	-	0.6614	-	0.0641
11	Union NDA	Emerson 1	-	0.9288	-	0.0992
12	Union NDA	Emerson 2	-	0.9288	-	0.0992
13	Union NDA	Iroquois	-	0.4397	-	0.0393
14	Union NDA	Kirkwall	-	0.4204	-	0.0372
15	Union NDA	Napierville	-	0.5461	-	0.0512
16	Union NDA	Niagara Falls	-	0.4742	-	0.0432
17	Union NDA	North Bay Junction	-	0.1848	-	0.0120
18	Union NDA	Philipsburg	-	0.5561	-	0.0523
19	Union NDA	Spruce	-	0.8519	-	0.0902
20	Union NDA	St. Clair	-	0.5149	-	0.0507
21	Union NDA	Welwyn	-	1.0634	-	0.1150
22	Union NDA	Dawn Export	-	0.5278	-	0.0492
23	Union Parkway Belt	Empress	63.22226	2.0785	5.51241	0.1812
24	Union Parkway Belt	TransGas SSDA	54.10243	1.7787	4.67474	0.1537
25	Union Parkway Belt	Centram SSDA	50.36574	1.6559	4.33164	0.1424
26	Union Parkway Belt	Centram MDA	44.71341	1.4700	3.81243	0.1253
27	Union Parkway Belt	Centrat MDA	44.27389	1.4556	3.77197	0.1240
28	Union Parkway Belt	Union WDA	34.53326	1.1353	2.87711	0.0946
29	Union Parkway Belt	Nipigon WDA	30.53408	1.0039	2.50998	0.0825
30	Union Parkway Belt	Union NDA	14.71771	0.4839	1.05728	0.0348
31	Union Parkway Belt	Calstock NDA	23.58052	0.7753	1.87123	0.0615
32	Union Parkway Belt	Tunis NDA	18.10674	0.5953	1.36845	0.0450
33	Union Parkway Belt	GMIT NDA	14.03851	0.4615	0.99463	0.0327
34	Union Parkway Belt	Union SSMMDA	21.07662	0.6929	1.64128	0.0540
35	Union Parkway Belt	Union NCDA	7.38395	0.2428	0.38355	0.0126
36	Union Parkway Belt	Union CDA	4.79732	0.1577	0.14600	0.0048
37	Union Parkway Belt	Union ECDA	3.75676	0.1235	0.05049	0.0017
38	Union Parkway Belt	Union EDA	10.29604	0.3385	0.65092	0.0214
39	Union Parkway Belt	Union Parkway Belt	3.51465	0.1156	0.02798	0.0009
40	Union Parkway Belt	Enbridge CDA	5.26756	0.1732	0.18919	0.0062
41	Union Parkway Belt	Enbridge Parkway CDA	3.51465	0.1156	0.02798	0.0009
42	Union Parkway Belt	Enbridge EDA	13.18532	0.4335	0.91645	0.0301
43	Union Parkway Belt	KPUC EDA	9.90367	0.3256	0.61503	0.0202
44	Union Parkway Belt	GMIT EDA	16.93265	0.5567	1.26047	0.0414
45	Union Parkway Belt	Enbridge SWDA	8.28428	0.2724	0.46629	0.0153
46	Union Parkway Belt	Union SWDA	8.35972	0.2748	0.47328	0.0156
47	Union Parkway Belt	Chippawa	6.35435	0.2089	0.28896	0.0095
48	Union Parkway Belt	Cornwall	13.37938	0.4399	0.93410	0.0307
49	Union Parkway Belt	East Hereford	20.86766	0.6861	1.62212	0.0533
50	Union Parkway Belt	Emerson 1	41.71007	1.3713	3.53655	0.1163
51	Union Parkway Belt	Emerson 2	41.71007	1.3713	3.53655	0.1163
52	Union Parkway Belt	Iroquois	12.48908	0.4106	0.85258	0.0280
53	Union Parkway Belt	Kirkwall	4.31795	0.1420	0.10190	0.0034
54	Union Parkway Belt	Napierville	16.60963	0.5461	1.23096	0.0405
55	Union Parkway Belt	Niagara Falls	6.30416	0.2073	0.28440	0.0094
56	Union Parkway Belt	North Bay Junction	11.07136	0.3640	0.72209	0.0237
57	Union Parkway Belt	Philipsburg	16.97676	0.5581	1.26473	0.0416
58	Union Parkway Belt	Spruce	44.27389	1.4556	3.77197	0.1240
59	Union Parkway Belt	St. Clair	8.78494	0.2888	0.51222	0.0168
60	Union Parkway Belt	Welwyn	50.36574	1.6559	4.33164	0.1424
61	Union Parkway Belt	Dawn Export	8.28428	0.2724	0.46629	0.0153
62	Union SSMMDA	Empress	-	1.2649	-	0.1386
63	Union SSMMDA	TransGas SSDA	-	1.0300	-	0.1111
64	Union SSMMDA	Centram SSDA	-	0.9338	-	0.0998
65	Union SSMMDA	Centram MDA	-	0.7882	-	0.0827
66	Union SSMMDA	Centrat MDA	-	0.7876	-	0.0827
67	Union SSMMDA	Union WDA	-	1.0598	-	0.1146
68	Union SSMMDA	Nipigon WDA	-	1.1416	-	0.1241
69	Union SSMMDA	Union NDA	-	0.8315	-	0.0878
70	Union SSMMDA	Calstock NDA	-	1.0598	-	0.1146
71	Union SSMMDA	Tunis NDA	-	0.9188	-	0.0980
72	Union SSMMDA	GMIT NDA	-	0.8140	-	0.0857
73	Union SSMMDA	Union SSMMDA	-	0.0905	-	0.0009
74	Union SSMMDA	Union NCDA	-	0.6757	-	0.0656
75	Union SSMMDA	Union CDA	-	0.5678	-	0.0536
76	Union SSMMDA	Union ECDA	-	0.5774	-	0.0547
77	Union SSMMDA	Union EDA	-	0.7545	-	0.0744
78	Union SSMMDA	Union Parkway Belt	-	0.5709	-	0.0540
79	Union SSMMDA	Enbridge CDA	-	0.6123	-	0.0586
80	Union SSMMDA	Enbridge Parkway CDA	-	0.5709	-	0.0540
81	Union SSMMDA	Enbridge EDA	-	0.8328	-	0.0832

Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Union SSM DA	KPUC EDA	-	0.7439	-	0.0733
2	Union SSM DA	GMIT EDA	-	0.9343	-	0.0945
3	Union SSM DA	Enbridge SWDA	-	0.4417	-	0.0396
4	Union SSM DA	Union SWDA	-	0.4396	-	0.0393
5	Union SSM DA	Chippawa	-	0.6139	-	0.0588
6	Union SSM DA	Cornwall	-	0.8381	-	0.0838
7	Union SSM DA	East Hereford	-	1.0409	-	0.1064
8	Union SSM DA	Emerson 1	-	0.7108	-	0.0736
9	Union SSM DA	Emerson 2	-	0.7108	-	0.0736
10	Union SSM DA	Iroquois	-	0.8139	-	0.0811
11	Union SSM DA	Kirkwall	-	0.5491	-	0.0515
12	Union SSM DA	Napierville	-	0.9255	-	0.0935
13	Union SSM DA	Niagara Falls	-	0.6125	-	0.0586
14	Union SSM DA	North Bay Junction	-	0.7376	-	0.0768
15	Union SSM DA	Phillipsburg	-	0.9355	-	0.0946
16	Union SSM DA	Spruce	-	0.7876	-	0.0827
17	Union SSM DA	St. Clair	-	0.4072	-	0.0380
18	Union SSM DA	Welwyn	-	0.9338	-	0.0998
19	Union SSM DA	Dawn Export	-	0.4417	-	0.0396
20	Union WDA	Empress	-	0.9067	-	0.0966
21	Union WDA	TransGas SSDA	-	0.6717	-	0.0691
22	Union WDA	Centram SSDA	-	0.5755	-	0.0578
23	Union WDA	Centram MDA	-	0.4307	-	0.0408
24	Union WDA	Centrat MDA	-	0.3640	-	0.0330
25	Union WDA	Union WDA	-	0.0905	-	0.0009
26	Union WDA	Nipigon WDA	-	0.1974	-	0.0135
27	Union WDA	Union NDA	-	0.6009	-	0.0608
28	Union WDA	Calstock NDA	-	0.3727	-	0.0340
29	Union WDA	Tunis NDA	-	0.5137	-	0.0505
30	Union WDA	GMIT NDA	-	0.6297	-	0.0641
31	Union WDA	Union SSM DA	-	1.0598	-	0.1146
32	Union WDA	Union NCDA	-	0.8306	-	0.0829
33	Union WDA	Union CDA	-	0.9701	-	0.0985
34	Union WDA	Union ECDA	-	0.9419	-	0.0953
35	Union WDA	Union EDA	-	1.0052	-	0.1024
36	Union WDA	Union Parkway Belt	-	0.9354	-	0.0946
37	Union WDA	Enbridge CDA	-	0.9315	-	0.0942
38	Union WDA	Enbridge Parkway CDA	-	0.9354	-	0.0946
39	Union WDA	Enbridge EDA	-	0.9647	-	0.0979
40	Union WDA	KPUC EDA	-	1.0408	-	0.1063
41	Union WDA	GMIT EDA	-	1.0912	-	0.1120
42	Union WDA	Enbridge SWDA	-	1.0566	-	0.1081
43	Union WDA	Union SWDA	-	1.0583	-	0.1083
44	Union WDA	Chippawa	-	1.0123	-	0.1032
45	Union WDA	Cornwall	-	0.9949	-	0.1012
46	Union WDA	East Hereford	-	1.1977	-	0.1239
47	Union WDA	Emerson 1	-	0.4408	-	0.0420
48	Union WDA	Emerson 2	-	0.4408	-	0.0420
49	Union WDA	Iroquois	-	0.9760	-	0.0991
50	Union WDA	Kirkwall	-	0.9571	-	0.0970
51	Union WDA	Napierville	-	1.0824	-	0.1110
52	Union WDA	Niagara Falls	-	1.0109	-	0.1030
53	Union WDA	North Bay Junction	-	0.6949	-	0.0718
54	Union WDA	Phillipsburg	-	1.0924	-	0.1121
55	Union WDA	Spruce	-	0.3640	-	0.0330
56	Union WDA	St. Clair	-	1.0156	-	0.1094
57	Union WDA	Welwyn	-	0.5755	-	0.0578
58	Union WDA	Dawn Export	-	1.0566	-	0.1081
59	Welwyn	Empress	12.82701	0.4217	1.20906	0.0398
60	Welwyn	TransGas SSDA	5.68153	0.1868	0.37139	0.0122
61	Welwyn	Centram SSDA	2.75362	0.0905	0.02798	0.0009
62	Welwyn	Centram MDA	7.19810	0.2367	0.54902	0.0181
63	Welwyn	Centrat MDA	9.18827	0.3021	0.78232	0.0257
64	Welwyn	Union WDA	17.50449	0.5755	1.75748	0.0578
65	Welwyn	Nipigon WDA	19.95394	0.6560	2.04461	0.0672
66	Welwyn	Union NDA	32.34600	1.0634	3.49731	0.1150
67	Welwyn	Calstock NDA	25.40157	0.8351	2.68305	0.0882
68	Welwyn	Tunis NDA	29.69093	0.9761	3.18584	0.1047
69	Welwyn	GMIT NDA	33.22108	1.0922	3.59981	0.1184
70	Welwyn	Union SSM DA	28.40187	0.9338	3.03498	0.0998
71	Welwyn	Union NCDA	40.05358	1.3168	4.17073	0.1371
72	Welwyn	Union CDA	41.40043	1.3611	4.32099	0.1421
73	Welwyn	Union ECDA	41.69365	1.3708	4.35384	0.1431
74	Welwyn	Union EDA	45.30715	1.4896	4.75656	0.1564
75	Welwyn	Union Parkway Belt	41.49411	1.3642	4.33164	0.1424
76	Welwyn	Enbridge CDA	42.53071	1.3983	4.44722	0.1462
77	Welwyn	Enbridge Parkway CDA	41.49411	1.3642	4.33164	0.1424
78	Welwyn	Enbridge EDA	44.12059	1.4505	4.62425	0.1520
79	Welwyn	KPUC EDA	46.44747	1.5270	4.88370	0.1606
80	Welwyn	GMIT EDA	47.98016	1.5774	5.05464	0.1662
81	Welwyn	Enbridge SWDA	37.56458	1.2350	3.89333	0.1280



Line No.	Receipt Point	Delivery Point	FT Toll (\$/GJ/Month)	Daily Equivalent FT for IT / STFT (\$/GJ)	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Welwyn	Union SWDA	37.50223	1.2330	3.88634	0.1278
2	Welwyn	Chippawa	42.80264	1.4072	4.47733	0.1472
3	Welwyn	Cornwall	45.05286	1.4812	4.72827	0.1555
4	Welwyn	East Hereford	51.22258	1.6840	5.41599	0.1781
5	Welwyn	Emerson 1	9.53593	0.3135	0.82308	0.0271
6	Welwyn	Emerson 2	9.53593	0.3135	0.82308	0.0271
7	Welwyn	Iroquois	44.47708	1.4623	4.66409	0.1533
8	Welwyn	Kirkwall	40.83225	1.3424	4.25773	0.1400
9	Welwyn	Napierville	47.71371	1.5687	5.02483	0.1652
10	Welwyn	Niagara Falls	42.76127	1.4059	4.47277	0.1471
11	Welwyn	North Bay Junction	35.20334	1.1574	3.83220	0.1260
12	Welwyn	Philipsburg	48.01605	1.5786	5.05860	0.1663
13	Welwyn	Spruce	9.18827	0.3021	0.78232	0.0257
14	Welwyn	St. Clair	35.33322	1.1616	3.84740	0.1265
15	Welwyn	Welwyn	2.75362	0.0905	0.02798	0.0009
16	Welwyn	Dawn Export	37.56458	1.2350	3.89333	0.1280
17	Whitewood	Empress	11.88562	0.3908	1.09865	0.0361
18	Whitewood	TransGas SSDA	4.76842	0.1568	0.26432	0.0087
19	Whitewood	Centram SSDA	3.69532	0.1215	0.13840	0.0046
20	Whitewood	Centram MDA	8.13980	0.2676	0.65943	0.0217
21	Whitewood	Centrat MDA	10.12936	0.3330	0.89273	0.0294
22	Whitewood	Union WDA	18.44649	0.6065	1.86789	0.0614
23	Whitewood	Nipigon WDA	20.89534	0.6870	2.15472	0.0708
24	Whitewood	Union NDA	33.28800	1.0944	3.60772	0.1186
25	Whitewood	Calstock NDA	26.34327	0.8661	2.79347	0.0918
26	Whitewood	Tunis NDA	30.63232	1.0071	3.29625	0.1084
27	Whitewood	GMIT NDA	34.16248	1.1232	3.71023	0.1220
28	Whitewood	Union SSMDA	29.34326	0.9647	3.14508	0.1034
29	Whitewood	Union NCDA	41.04334	1.3494	4.28115	0.1408
30	Whitewood	Union CDA	42.39049	1.3937	4.43140	0.1457
31	Whitewood	Union ECDA	42.68310	1.4033	4.46395	0.1468
32	Whitewood	Union EDA	46.29660	1.5221	4.86697	0.1600
33	Whitewood	Union Parkway Belt	42.48387	1.3967	4.44175	0.1460
34	Whitewood	Enbridge CDA	43.51865	1.4308	4.55733	0.1498
35	Whitewood	Enbridge Parkway CDA	42.48387	1.3967	4.44175	0.1460
36	Whitewood	Enbridge EDA	45.11065	1.4831	4.73466	0.1557
37	Whitewood	KPUC EDA	47.43723	1.5596	4.99411	0.1642
38	Whitewood	GMIT EDA	48.97023	1.6100	5.16505	0.1698
39	Whitewood	Enbridge SWDA	38.55465	1.2676	4.00375	0.1316
40	Whitewood	Union SWDA	38.49260	1.2655	3.99675	0.1314
41	Whitewood	Chippawa	43.79270	1.4398	4.58775	0.1508
42	Whitewood	Cornwall	46.04293	1.5137	4.83868	0.1591
43	Whitewood	East Hereford	52.21234	1.7166	5.52640	0.1817
44	Whitewood	Emerson 1	10.47733	0.3445	0.93349	0.0307
45	Whitewood	Emerson 2	10.47733	0.3445	0.93349	0.0307
46	Whitewood	Iroquois	45.46714	1.4948	4.77450	0.1570
47	Whitewood	Kirkwall	41.82231	1.3750	4.36814	0.1436
48	Whitewood	Napierville	48.70378	1.6012	5.13525	0.1688
49	Whitewood	Niagara Falls	43.75133	1.4384	4.58318	0.1507
50	Whitewood	North Bay Junction	36.14473	1.1883	3.94261	0.1296
51	Whitewood	Philipsburg	49.00612	1.6112	5.16901	0.1699
52	Whitewood	Spruce	10.12936	0.3330	0.89273	0.0294
53	Whitewood	St. Clair	36.27492	1.1926	3.95782	0.1301
54	Whitewood	Welwyn	3.69532	0.1215	0.13840	0.0046
55	Whitewood	Dawn Export	38.55465	1.2676	4.00375	0.1316

Notes: (i) Aggregate charges for Mainline transportation service will include the applicable transportation toll, abandonment surcharge, delivery pressure toll (if applicable) and Dawn receipt surcharge (if applicable) pursuant to the Mainline Tariff.

(ii) Any transportation with a Union Dawn receipt point is subject to a Union Dawn Receipt Point Surcharge. Transport under FT, FT-NR, FT-SN and EMB service is subject to the monthly surcharge toll, and other transportation services are subject to the daily equivalent toll. Refer to page 2 for the Union Dawn Receipt Point Surcharge tolls.

(iii) Transportation with receipt points from delivery areas or Spruce is for STFT and IT service only.

(iv) The following delivery points are subject to an additional charge for delivery pressure: Emerson 1 & 2, Union SWDA, Enbridge SWDA, Dawn Export, Niagara Falls, Iroquois, Chippawa, and East Hereford. Refer to page 2 for the delivery pressure toll.

(v) The following transportation services are subject to the Abandonment Surcharges: FT, FT-NR, STS, STS-L, SSS, FT-SN, MFP, EMB, IT, STFT, and ST-SN. The Daily Equivalent Abandonment Surcharge is only applicable to IT, SSS, STFT, ST-SN, ARPs, Diversions and STS Overrun.

ANNUALIZED IMPACT OF THE APRIL 1, 2018  
QUARTERLY RATE ADJUSTMENT ON THE COMPANY'S  
FISCAL 2018 RATES AND REVENUE REQUIREMENT

1. The evidence found at Exhibit Q2-3, Tab 2, Schedules 1 through 5, details the annualized revenue requirement impact which would occur upon applying an anticipated gas reference unit price change to the forecast volumes for 2018. As a result of the quarterly gas cost unit rate adjustment within this application, the Company's revenue requirement would decrease by \$134.0 million on an annualized basis. This decrease is the result of a decrease in the purchase cost of gas, a decrease in the T-Service transportation cost forecast, and a decrease in the gross carrying cost of gas in storage and working cash related elements of rate base. The details of the components of this decrease are listed at Exhibit Q2-3, Tab 2, Schedule 1, and are examined further in the balance of this exhibit.
  
2. The annualized impact of the gas cost decrease, in the amount of \$132.1 million, is determined by applying the decrease in the gas cost reference price against the applicable volumes, and then incorporating the decrease in the T-Service transportation cost forecast which resulted primarily from incorporating the interim TransCanada tolls effective January 1, 2018, inclusive of updated abandonment surcharges. The volumes used within this QRAM application are the Board Approved 2018 volumes from the EB-2017-0086 Decision and Rate Order. The use of these volumes is consistent with the QRAM approved guidelines as filed at Exhibit Q2-1, Tab 2, Schedule 1, Appendix A. The change in the unit rates and the volumes against which they are applied is examined in evidence at Exhibit Q2-3, Tab 2, Schedule 1. The calculations in support of the \$132.1 million decrease in the purchase cost of gas are found on Lines 1 through 8, and summarized at Line 9, of Exhibit Q2-3, Tab 2, Schedule 1.

3. Exhibit Q2-3, Tab 2, Schedule 2, details the impact of the annualized decrease on gas in storage and working cash elements of rate base and the associated carrying cost which is calculated to be \$1.9 million and is included at Exhibit Q2-3, Tab 2, Schedule 1, at Line 10. The decrease in the PGVA unit rate results in a decrease in the gas in storage inventory value in the amount of \$25.6 million, calculated at Line 2 of Schedule 2. The decrease is calculated by multiplying the Company's average-of-monthly-averages ("AOA's") storage volume of 1,610,410.7  $10^3\text{m}^3$ , which can be found at Exhibit Q2-3, Tab 2, Schedule 5, by the decrease in the PGVA reference price in the amount of \$15.871/ $10^3\text{m}^3$ . The decrease in the working cash allowance is calculated by applying 2.3 net lag days to the annualized decrease in gas costs of \$132.1 million, resulting in a decrease of \$0.8 million. The working cash allowance calculations are found at Lines 3.1 through 3.4 of Schedule 2. The details of the increase in the HST amount of \$0.0 million, shown at Line 4 of Schedule 2, can be found in evidence at Exhibit Q2-2, Tab 3, Schedule 1.
4. As shown at Lines 5 through 7 of Exhibit Q2-3, Tab 2, Schedule 2, the \$26.4 million decrease in the valuation of the components of gas in storage and working cash is multiplied by a gross return component of 7.38% (filed at Exhibit Q2-3, Tab 2, Schedule 3) causing a \$1.9 million decrease in carrying costs.
5. The details supporting the calculation of the Company's grossed up rate of return are found at Exhibit Q2-3, Tab 2, Schedule 3. The capital structure components, cost rates, and return rate(s), in Columns 1 through 3, including the rate of return on common equity, are the 2018 Board Approved values found in the EB-2017-0086 Decision and Rate Order, Schedule 4, page 8, Columns 2 to 4, Dated: 2017-12-07. The calculation of the grossed up rate of return in Columns 4 and 5 has utilized the

Company's Board Approved 2018 forecast corporate tax rate of 26.5%, as was determined within EB-2012-0459.

6. Exhibit Q2-3, Tab 2, Schedule 4 details the calculation of the forecast inventory valuation adjustment in the amount of \$10.1 million. The inventory adjustment is related to the change in the unit cost of gas. The forecast inventory adjustment represents the forecast volume of inventory at March 31, 2018 revalued at the new PGVA reference price arising from this quarterly rate adjustment proceeding.
7. Exhibit Q2-3, Tab 2, Schedule 5 shows the month end and AOA volume of gas in storage as approved within the EB-2017-0086 proceeding.

DEFERRAL AND VARIANCE ACCOUNT  
ACTUAL AND FORECAST BALANCES

1. The evidence found at page 2 of this schedule (Exhibit Q2-2, Tab 2, Schedule 2, page 2) provides the February 28, 2018 actual and December 31, 2018 projected deferral and variance account balances.
2. Due to the timing requirements of this filing, these are the most recent actual balances which can be provided.

ENBRIDGE GAS DISTRIBUTION INC.  
DEFERRAL & VARIANCE ACCOUNT  
ACTUAL & FORECAST BALANCES

		Col. 1	Col. 2	Col. 3	Col. 4	
		Actual at February 28, 2018		Forecast at December 31, 2018		
Line No.	Account Description	Account Acronym	Principal (\$000's)	Interest (\$000's)	Principal (\$000's)	Interest (\$000's)
<u>Non Commodity Related Accounts</u>						
1.	Demand Side Management V/A	2017 DSMVA	(1,277.1)	(3.2)	(1,277.1)	(19.2)
2.	Demand Side Management V/A	2016 DSMVA	(704.0)	(10.2)	(704.0)	(19.2)
3.	Demand Side Management V/A	2015 DSMVA	825.5	23.1	-	-
4.	Lost Revenue Adjustment Mechanism	2016 LRAM	(100.0)	(0.3)	(100.0)	(1.3)
5.	Lost Revenue Adjustment Mechanism	2015 LRAM	(72.3)	(1.0)	-	-
6.	Demand Side Management Incentive D/A	2016 DSMIDA	2,893.5	10.9	2,893.5	46.9
7.	Demand Side Management Incentive D/A	2015 DSMIDA	6,068.6	93.6	-	-
8.	Deferred Rebate Account	2017 DRA	1,833.2	28.6	-	-
9.	Manufactured Gas Plant D/A	2017 MGPD	604.6	48.1	604.6	56.1
10.	Electric Program Earnings Sharing D/A	2017 EPESDA	(680.2)	(1.7)	-	-
11.	Average Use True-Up V/A	2017 AUTUVA	(4,035.7)	(10.1)	-	-
12.	Earnings Sharing Mechanism Deferral Account	2017 ESMDA	(23,700.0)	(59.3)	-	-
13.	Customer Care CIS Rate Smoothing D/A	2018 CCCISRSDA	(833.9)	(0.5)	(5,002.9)	(34.3)
14.	Customer Care CIS Rate Smoothing D/A	2017 CCCISRSDA	(2,785.3)	(25.6)	(2,785.3)	(10.5)
15.	Customer Care CIS Rate Smoothing D/A	2016 CCCISRSDA	(779.9)	(4.8)	(779.9)	(3.0)
16.	Customer Care CIS Rate Smoothing D/A	2015 CCCISRSDA	1,124.2	6.9	1,124.2	4.2
17.	Customer Care CIS Rate Smoothing D/A	2014 CCCISRSDA	2,927.0	17.9	2,927.0	10.8
18.	Customer Care CIS Rate Smoothing D/A	2013 CCCISRSDA	4,634.9	28.4	4,634.9	17.1
19.	Transition Impact of Accounting Changes D/A	2018 TIACDA	66,537.0	-	62,101.2	-
20.	Post-Retirement True-Up V/A	2017 PTUVA	-	-	1,000.0	-
21.	Post-Retirement True-Up V/A	2016 PTUVA	(4,299.2)	(28.2)	-	-
22.	Constant Dollar Net Salvage Adjustment D/A	2017 CDNSADA	28,175.0	-	-	-
23.	Greenhouse Gas Emissions Impact D/A	2018 GGEIDA	246.3	-	5,251.0	31.4
24.	Greenhouse Gas Emissions Impact D/A	2017 GGEIDA	2,176.1	18.1	2,176.1	45.1
25.	Greenhouse Gas Emissions Impact D/A	2016 GGEIDA	939.8	18.0	-	-
26.	OEB Cost Assessment V/A	2018 OEBCAVA	620.2	0.8	2,480.8	20.3
27.	OEB Cost Assessment V/A	2017 OEBCAVA	2,649.9	23.5	-	-
28.	Greenhouse Gas Emissions Compliance Oblig. - Cust. Rel. V/A	2018 GGECOCRVA	15,027.2	11.2	15,027.2	199.2
29.	Greenhouse Gas Emissions Compliance Oblig. - Cust. Rel. V/A	2017 GGECOCRVA	11,471.8	105.7	11,471.8	248.7 *
30.	Pension & OPEB Forecast Accrual vs Cash Payment Diff. V/A	2018 P&OPEBFAVACPDVA	-	(2.2)	-	(2.2)
31.	Total non commodity Related Accounts		109,487.2	287.7	101,043.1	590.1
<u>Commodity Related Accounts</u>						
32.	Purchased Gas V/A	2018 PGVA	51,697.7	261.9	-	- **
33.	Transactional Services D/A	2017 TSDA	864.4	2.6	-	-
34.	Unaccounted for Gas V/A	2017 UAFVA	(1,129.9)	(16.9)	-	-
35.	Storage and Transportation D/A	2018 S&TDA	2,501.4	2.0	17,198.3	117.9
36.	Storage and Transportation D/A	2017 S&TDA	22,654.8	180.6	-	-
37.	Total commodity related accounts		76,588.4	430.2	17,198.3	117.9
38.	Total Deferral and Variance Accounts		186,075.6	717.9	118,241.4	708.0

\* The balance recorded in the Greenhouse Gas Emissions Compliance Obligation - Customer-Related V/A reflects the variance in actual customer-related and facility-related obligation costs, and actual customer-related and facility-related obligation costs recovered in rates. In accordance with the EB-2016-0300 Decision and Rate Order, the balance will be segregated between the Greenhouse Gas Emissions Compliance Obligation - Customer-Related V/A and the Greenhouse Gas Emissions Compliance Obligation - Facility-Related V/A.

\*\* As a result of the adoption of the PGVA disposition methodology approved in the EB-2008-0106 proceeding, a projected December 31st balance is no longer required or meaningful.

Witness: R. Small

WORKING CASH AND COST ALLOCATION

1. The purpose of this evidence is to describe: a) the impact on the working cash requirement, and b) the allocation of the change in revenue requirement to the rate classes due to the change in the commodity cost of gas and upstream transportation costs. This evidence is presented at Exhibit Q2-3 Supporting Schedules, Tabs 2 and 3.

Impact on the Working Cash Requirement

2. The gas supply expense mix has been applied to the individual expense lag days of supply sources that make up the gas supply portfolio presented at Exhibit Q2-3, Tab 1, Schedule 1. There was a decrease to the gas supply expense lag in comparison to the expense lag underpinning the evidence filed in EB-2017-0347. The gas cost expense lag is 38.4 days resulting in a net gas cost expense lag of 2.3 days.
3. The above net gas cost expense lag of 2.3 days is used to calculate the impact on the working cash requirement in rate base. Exhibit Q2-3, Tab 2, Schedule 2, Item 3 applies the net gas cost expense lag to the net change in the purchase cost of gas to determine the change in working cash allowance and associated impact on rate base. For this QRAM, the above calculation determined a decrease in the working cash requirement of \$0.825 million.
4. The change in gas costs also gives rise to a change in the working cash requirement associated with the Harmonized Sales Tax (HST). For this QRAM, the change in gas costs results in a \$0.023 million increase in working cash requirement. This increase can be seen at Exhibit Q2-3, Tab 2, Schedule 2, Item 4

and captures the change in working cash requirement associated with the HST as brought about by the change in gas costs.

#### Allocation of the Change in Revenue Requirement

5. Exhibit Q2-3, Tab 3 exhibits show the allocation of the change in revenue requirement to the customer rate classes and determine the impact on Tecumseh's rate derivation. Schedule 1 classifies the impact of the change in gas supply costs on rate base as determined at Exhibit Q2-3, Tab 2, Schedule 2. The return on the classified rate base is determined by applying the before tax rate of return.
6. The impact on return and taxes is allocated to the customer rate classes at Exhibit Q2-3, Tab 3, Schedule 2, Item 2. Schedule 2 of Tab 3 also allocates the changes in the revenue requirement to the customer rate classes, and determines the unit rate increase/decrease by component. The corresponding impacts on the gas supply, upstream transportation, gas supply load balancing and delivery charges are presented at Exhibit Q2-3, Tab 4, Schedule 3.
7. Items 1.1 to 1.8 on Schedule 2 of Tab 3, show the annualized increase/decrease in costs, by classifier, arising from the new costs of gas found at Exhibit Q2-3, Tab 2, Schedule 1, page 1. The classification of the cost changes associated with the forecast sales volumes, Company use volumes, lost and unaccounted for ("LUF") volume, unbilled and unaccounted for volume as identified in the exhibit above, follow the classification of gas costs to operations set out in the EB-2006-0034 Fully Allocated Cost Study, Exhibit G2. Item 1.6 on Schedule 2, Tab 3 includes the impact of the cost decrease in LUF as it is charged back to the distribution utility from Tecumseh Gas. The total change in the revenue requirement found at Item 3 differs from the impact shown at Exhibit Q2-3, Tab 2, Schedule 1, Item 11. The difference of approximately (\$0.020) million corresponds to the portion of the LUF



decrease that will be passed on to ex-franchise customers through Rates 325 and 330. The effect on these rates is found at Exhibit Q2-3, Tab 3, Schedule 3.

8. Items 2 on Schedule 2, Tab 3, are the before tax return components of rate base and taxes determined on Schedule 1 of Exhibit Q2-3, Tab 3.
9. Items 3 on Schedule 2 are the sum of the respective Items 1 and 2. The allocation factors, found at Exhibit Q2-3, Tab 3, Schedule 4, are based on the Board-approved 2018 Volume Forecast from EB-2017-0086 (Test Year 2018), and are used to allocate these costs to the rate classes as specified in column 14.
10. Items 4 are the unit rate changes that will be applied to the gas supply, upstream transportation, load balancing and delivery components of the rates.
11. The rate derivation of Tecumseh Gas is affected by the decrease in LUF costs due to the decrease in gas costs, as shown at Exhibit Q2-3, Tab 2, Schedule 1. Based on the methodology approved in the RP-2003-0203 Decision, LUF costs are included in Tecumseh's Fully Allocated Cost Study, and are functionalized to transmission and compression, and to storage pool. These costs are classified entirely as commodity and recovered in rates on the basis of volumes injected and withdrawn from ex-franchise customers. The impact on Tecumseh's rates (Rate 325 and 330) reflecting this methodology is shown at Exhibit Q2-3, Tab 3, Schedule 3. The portion of LUF costs flowing to in-franchise customers is included in Item 1.6 of Exhibit Q2-3, Tab 3, Schedule 2.

## RATE DESIGN – QUARTERLY RATE ADJUSTMENT MECHANISM

1. The purpose of this evidence is to describe the effect on rates from a change in the gas cost revenue requirement as part of the Ontario Energy Board (“Board”) approved Quarterly Rate Adjustment Mechanism (“QRAM”). The decrease in the utility reference price reflects lower costs for gas purchases and lower transportation and load balancing related costs as compared to rates approved in EB-2017-0347 January 1, 2018 QRAM. The April 1, 2018 QRAM rates incorporate the impact from TransCanada PipeLines (“TCPL”) TG1-003-2017 Order dated December 19, 2017 for tolls effective January 1, 2018.
2. The rate design exhibits supporting this QRAM application are found at Exhibit Q2-3, Tab 4. Schedules 1 to 5 present the effect of the proposed utility price on revenues and rates when compared with January 1, 2018 QRAM rates. Schedule 6 shows customer bill impacts for various rate classes relative to the EB-2017-0347 January 1, 2018 QRAM rates currently in effect (i.e., the current bill the customer sees). Schedule 7 shows customer bill impacts for various rate classes relative to the EB-2017-0347 January 1, 2018 QRAM rates currently in effect inclusive of Cap and Trade charges for Non-Large Final Emitters. Schedule 8 shows customer bill impacts for various rate classes relative to the EB-2017-0347 January 1, 2018 QRAM rates currently in effect inclusive of cap and trade charges for Large Final Emitters. Schedule 9 contains the rate handbook. The derivation of the Rider C unit rates can be found at Schedule 10.

### Utility Price

3. The utility price during the first quarter of 2018 is \$169.446/10<sup>3</sup>m<sup>3</sup> (\$4.410/GJ @ 38.42MJ/m<sup>3</sup>). Enbridge has recalculated the utility price for the second quarter of the 2018 Test Year using the prescribed methodology set forth Exhibit Q2-1, Tab 2,

Schedule 1, Appendix A. The recalculated utility price for the second quarter is \$153.575/10<sup>3</sup>m<sup>3</sup> (\$3.997/GJ @ 38.42 MJ/m<sup>3</sup>) as outlined at Exhibit Q2-3, Tab 1, Schedule 1. Enbridge is proposing to adjust its rates accordingly effective April 1, 2018.

4. The decreased utility price translates into a decrease in the revenue requirement of approximately \$134.0 million, as seen at Exhibit Q2-3, Tab 2, Schedule 1, Line 11. As shown in the above referenced exhibit, this impact is derived by calculating the difference between the recalculated reference price of \$153.575/10<sup>3</sup>m<sup>3</sup> and the January 1, 2018 reference price of \$169.446/10<sup>3</sup>m<sup>3</sup>. This differential of (\$15.871)/10<sup>3</sup>m<sup>3</sup> is then applied to the 2018 forecast of sales volumes, Company use, Unbilled and Unaccounted For (“UUF”), and Lost and Unaccounted For (“LUF”) volumes.
5. The change in carrying cost on inventory and working cash requirements were also considered in the change in the revenue requirement calculation.

#### Customer Impacts

6. Exhibit Q2-3, Tab 4, Schedule 6 depicts the typical customer rate impacts relative to the EB-2017-0347 January 1, 2018 QRAM rates. The impacts vary by rate class and are a function of the proposed utility price which is comprised of commodity, transportation and load balancing costs.
7. For rate design purposes, the Company uses the Empress reference price inclusive of fuel to determine the variable unit rate for costing its commodity purchases and receipts. The change in the Empress reference price from January (\$100.6764 /10<sup>3</sup>m<sup>3</sup>) to April 1, 2018 (\$92.9441 /10<sup>3</sup>m<sup>3</sup>) is a decrease of \$7.7323/10<sup>3</sup>m<sup>3</sup>. These costs are recovered from system gas customers through the Company's gas supply

commodity charge which will decrease from 10.0943 ¢/m<sup>3</sup> to 9.4452 ¢/m<sup>3</sup> for the April 1, 2018 QRAM. Transportation charges will decrease due to a decrease in TCPL tolls approved by the NEB under TG1-003-2017, a decrease in the basis differential and a decrease in the US exchange rate. Load balancing charges will decrease due to a decrease in seasonal and peak load balancing related costs and a decrease in carrying costs of gas in inventory. The change in the utility price also decreases the cost of lost and unaccounted for gas and results in decrease in delivery charges.

8. The impact of the price changes discussed above on a typical residential customer on sales service (system gas) is an annualized decrease of approximately 4.3%, or \$36.94. The customer's new annual bill is approximately \$824 (excluding all Riders and Cap and Trade charges). The customer's new annual bill including Cap and Trade charges is approximately \$904 (excluding all Riders). On a T-service basis (total bill excluding commodity charges), a typical residential customer will see a decrease of approximately 3.5% or \$21.37 annually.

#### PGVA Clearing

9. Effective January 1, 2010, Enbridge adopted its new PGVA clearing methodology as approved by the Board in the EB-2008-0106 QRAM generic proceeding. Through the new methodology, Enbridge identifies components of its PGVA that are attributable to commodity, transportation and load balancing costs. Based on this breakdown, individual riders are determined and applied (where applicable) to Sales, Western T-service and Ontario T-service customers. The PGVA balances attributable to commodity, transportation and load balancing for the April 1, 2018 QRAM can be found at Exhibit Q2-3, Tab 1, Schedule 2. Exhibit Q2-2, Tab 1, Schedule 1, pages 2 to 6 provides an explanation of the amounts in the PGVA balance which are forecast to be cleared. Exhibit Q2-3, Tab 4, Schedule 10,

pages 1-16 depicts the schedules supporting the derivation of each of the Rider C unit rates for commodity, transportation and load balancing.

10. Effective from April 1, 2018 to March 31, 2019, the Rider C unit rate for residential customer's on sales service is (0.0885) ¢/m<sup>3</sup>, for Western T-service is 0.1221 ¢/m<sup>3</sup> and for Ontario T-service and Dawn T-service it is 0.2340 ¢/m<sup>3</sup>.

Summary of Gas Cost to Operations  
Year ended March 31, 2019

Item #	Col. 1 10 <sup>3</sup> m <sup>3</sup>	Col. 2 \$(000)	Col. 3 \$/10 <sup>3</sup> m <sup>3</sup> (Col.2 / Col.1)	Col. 4 \$/GJ (Col.3 / 38.42)	Col. 5 % Change from Previous QRAM
<u>Western Canadian Supplies</u>					
1.1 Alberta Production	0.0	0.0	0.000	0.000	0.0%
1.2 Western - @ Empress - TCPL	1,359,426.2	121,357.1	89.271	2.324	-7.8%
1.3 Western - @ Nova - TCPL	475,013.0	25,634.7	53.966	1.405	-25.9%
1.4 Western Buy/Sell - with Fuel	380.0	35.4	93.195	2.426	-7.7%
1.5 Western - @ Alliance	-	-	0.000	-	0.0%
1.6 Less TCPL Fuel Requirement	(69,861.8)	0.0			
1. Total Western Canadian Supplies	1,764,957.5	147,027.2	83.304	2.168	-11.6%
2. <u>Peaking Supplies</u>	3,520.5	1,579.9	448.786	11.681	n/a
3. <u>Ontario Production</u>	358.0	46.4	129.506	3.371	n/a
4. <u>Chicago Supplies</u>	651,515.0	79,393.0	121.859	3.172	-9.6%
5. <u>Delivered Supplies</u>	2,613,645.4	338,325.5	129.446	3.369	-9.7%
6. <u>Niagara Supplies</u>	1,900,052.1	229,946.3	121.021	3.150	-8.5%
7. <u>Link Supplies</u>	-	-	0.000	-	n/a
8. <u>Dominion Supplies</u>	1,102,563.7	110,800.1	100.493	2.616	-11.1%
9. <u>Total Supply Costs</u>	8,036,612.1	907,118.4	112.873	2.938	-9.9%
<u>Transportation Costs</u>					
10.1 TCPL - FT - Demand		135,088.2			
10.2 - FT - Commodity	1,764,957.5	0.0			
10.3 TCPL - Niagara Falls to Enb. Pkwy CDA		15,893.6			
10.4 - Firm Transportation Short Notice		5,598.8			
10.5 TCPL - Dawn to CDA		16,768.5			
10.6 - Dawn to EDA		26,614.4			
10.7 - Dawn to Iroquois		8,973.7			
10.8 - Parkway to CDA		6,447.7			
10.9 - Parkway to EDA		56,473.4			
10.10 Other Charges		0.0			
10.11 Nova Transmission		6,618.0			
10.12 Alliance Pipeline		0.0			
10.13 Vector Pipeline		13,404.7			
10.14 Nexus Pipeline		35,227.2			
10.15 Niagara Link Pipeline		0.0			
10. Total Transportation Costs		327,108.1			
11. Total Before PGVA Adjustment	8,036,612.1	1,234,226.5	153.575	3.997	-9.4%
12. PGVA Adjustment		0.0			
13. <u>Total Purchases &amp; Receipt</u>	8,036,612.1	1,234,226.5	153.575	3.997	
14. January 1, 2018 PGVA Reference Price - as per note			169.446	4.410	
15. Upstream Increase/Decrease on 2018 PGVA Reference Price			(15.871)	(0.413)	
16. Updated T-Service Transportation Costs	704,240.3	52,263.6	74.213	1.932	
17. T-Service Transportation Costs - 2018 forecasted volumes at January 1, 2018 QRAM TCPL tolls	704,240.3	54,715.1	77.694	2.022	
18. Upstream Increase/Decrease on T-Service Costs			(3.481)	(0.091)	
19. Updated Dawn T-Service Transport Costs	2,200,721.4	25,499.5	11.587	0.302	
20. Dawn T-Service Transport Costs - 2018 forecasted volumes at January 1, 2018 QRAM TCPL tolls	2,200,721.4	26,861.6	12.206	0.318	
21. Upstream Increase/Decrease on Dawn T-Service Costs			(0.619)	(0.016)	

**ENBRIDGE GAS DISTRIBUTION INC.**  
Component of the Purchased Gas Variance Account  
Gas Acquisition Costs

Item #	Particulars	Col. 1 Purchase Cost \$(000)	Col. 2 10 <sup>3</sup> m <sup>3</sup>	Col. 3 Unit Cost \$/10 <sup>3</sup> m <sup>3</sup>	Col. 4 Reference Price \$/10 <sup>3</sup> m <sup>3</sup>	Col. 5 Unit Rate Difference \$/10 <sup>3</sup> m <sup>3</sup>	Col. 6 Monthly Variance \$(000)	Col. 7 Forecast Clearance January 1, 2018 QRAM \$(000)	Col. 8 minus Col. 7 \$(000)	Col. 9 Commodity Component \$(000)	Col. 10 Transportation Component \$(000)	Col. 11 Load Balancing Component Delivered Supplies \$(000)	Col. 12 Peaking Supplies \$(000)
1	Apr-17	92,443.3	473,785.6	195,116	181.547	13.569	6,428.8	(6,428.8)	-	-	-	-	-
2	May-17	113,463.3	636,835.8	178,167	181.547	(3.380)	(2,152.5)	2,152.5	-	(0.0)	0.0	0.0	-
3	Jun-17	95,374.9	551,295.9	173,001	181.547	(8.546)	(4,711.4)	4,711.4	-	(0.0)	-	(0.0)	-
4	Jul-17	96,483.4	609,421.6	158,320	188.611	(30.291)	(18,460.0)	18,460.0	-	-	-	-	-
5	Aug-17	97,642.4	642,005.9	152,090	188.611	(36.521)	(23,446.8)	23,446.8	-	-	-	-	-
6	Sep-17	99,500.8	628,841.6	158,229	188.611	(30.382)	(19,105.6)	19,105.6	-	-	-	-	-
7	Oct-17	88,886.0	575,240.8	154,520	164.267	(9.747)	(5,607.0)	5,607.0	-	-	-	-	-
8	Nov-17	123,776.9	767,282.1	161,319	164.267	(2.948)	(2,262.0)	3,245.2	983.2	(358.9)	12.1	1,330.1	-
9	Dec-17	163,102.4	1,002,270.5	162,733	164.267	(1.534)	(1,537.5)	(2,889.6)	(4,427.1)	(4,584.3)	1,316.0	(1,195.7)	36.3
10	Jan-18	220,280.3	1,244,517.7	177,001	169.446	7.555	9,402.3	-	9,402.3	(7,164.7)	(169.6)	15,781.2	954.8
11	Feb-18	203,524.5	1,091,980.8	186,381	169.446	16.935	18,492.6	-	18,492.6	702.0	(313.4)	18,066.5	37.5
12	Mar-18	91,397.2	575,548.8	158,800	169.446	(10.646)	(6,127.4)	-	(6,127.4)	(2,886.5)	(653.9)	(2,624.1)	37.1
13	Total (Lines 1 to 12)	<u>1,485,875.5</u>	<u>8,799,027.2</u>	<u>168,868</u>			<u>(49,086.5)</u>	<u>67,410.1</u>	<u>18,323.6</u>	<u>(14,292.4)</u>	<u>191.4</u>	<u>31,358.0</u>	<u>1,065.6</u>
Current QRAM Period													
14	Apr-18	69,616.3	437,688.8	159,054	153.575	5.479	2,397.9	2,397.9					
15	May-18	89,959.6	624,588.9	144,030	153.575	(9.545)	(5,962.0)	(5,962.0)					
16	Jun-18	89,555.9	607,796.2	147,345	153.575	(6.230)	(3,786.9)	(3,786.9)					
17	Jul-18	92,143.2	632,547.7	145,670	153.575	(7.906)	(5,000.6)	(5,000.6)					
18	Aug-18	93,403.1	635,322.6	147,017	153.575	(6.558)	(4,166.7)	(4,166.7)					
19	Sep-18	91,617.0	618,790.5	148,058	153.575	(5.517)	(3,414.2)	(3,414.2)					
20	Oct-18	88,506.7	585,398.6	151,190	153.575	(2.385)	(1,396.5)	(1,396.5)					
21	Nov-18	99,442.8	623,851.1	159,402	153.575	5.827	3,634.9	3,634.9					
22	Dec-18	151,053.5	988,323.1	152,838	153.575	(0.737)	(728.9)	(728.9)					
23	Jan-19	155,592.4	991,247.2	156,966	153.575	3.391	3,360.8	3,360.8					
24	Feb-19	135,080.9	843,172.1	160,206	153.575	6.631	5,590.7	5,590.7					
25	Mar-19	78,255.0	447,885.0	174,721	153.575	21.146	9,471.5	9,471.5					
26	Total (Lines 14 to 25)	<u>1,234,226.5</u>	<u>8,036,612.1</u>	<u>153,575</u>			<u>0.0</u>	<u>0.0</u>					

Item #		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
<b>April 2017 to March 2018 Variances</b>							
		<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)	<u>Total</u> \$(000)	<u>Load Balancing</u> <u>Ontario Delivered</u> \$(000)	<u>Load Balancing</u> <u>Peaking</u> \$(000)
1.1	April	5,847.5	238.1	343.3	6,428.9	343.3	-
1.2	May	(1,653.6)	(909.3)	410.6	(2,152.3)	410.6	-
1.3	June	(3,706.2)	(893.2)	(111.9)	(4,711.2)	(111.9)	-
1.4	July	(17,863.0)	(794.3)	197.2	(18,460.2)	197.2	-
1.5	August	(23,010.6)	(773.0)	336.5	(23,447.1)	336.5	-
1.6	September	(19,753.4)	(540.4)	1,188.1	(19,105.8)	1,188.1	-
1.7	October	(7,667.5)	(765.5)	2,825.8	(5,607.1)	2,825.8	-
1.8	November	9,269.8	(2,519.1)	(9,012.9)	(2,262.3)	(9,012.9)	-
1.9	December	6,010.6	(1,602.1)	(5,946.1)	(1,537.6)	(5,551.6)	(394.6)
1.10	January	(7,164.7)	(169.6)	16,736.0	9,401.7	15,781.2	954.8
1.11	February	702.0	(313.4)	18,104.0	18,492.6	18,066.5	37.5
1.12	March	(2,886.5)	(653.9)	(2,587.0)	(6,127.3)	(2,624.1)	37.1
1.0		<b>(61,875.5)</b>	<b>(9,695.7)</b>	<b>22,483.5</b>	<b>(49,087.7)</b>	<b>21,848.7</b>	<b>634.8</b>

- note 1 - see Col. 6 Ex Q2-3, T1, S2, page 1

**As per January 2018 QRAM**

		<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)	<u>Total</u> \$(000)	<u>Load Balancing</u> <u>Ontario Delivered</u> \$(000)	<u>Load Balancing</u> <u>Peaking</u> \$(000)
2.1	April	5,847.5	238.1	343.3	6,428.9	343.3	-
2.2	May	(1,653.6)	(909.3)	410.5	(2,152.3)	410.5	-
2.3	June	(3,706.1)	(893.2)	(111.9)	(4,711.2)	(111.9)	-
2.4	July	(17,863.0)	(794.3)	197.2	(18,460.2)	197.2	-
2.5	August	(23,010.6)	(773.0)	336.5	(23,447.1)	336.5	-
2.6	September	(19,753.4)	(540.4)	1,188.1	(19,105.8)	1,188.1	-
2.7	October	(7,667.5)	(765.5)	2,825.8	(5,607.1)	2,825.8	-
2.8	November	9,628.7	(2,531.3)	(10,343.0)	(3,245.6)	(10,343.0)	-
2.9	December	10,594.9	(2,918.2)	(4,786.7)	2,890.0	(4,355.9)	(430.8)
2.10	January	-	-	-	-	-	-
2.11	February	-	-	-	-	-	-
2.12	March	-	-	-	-	-	-
2.0		<b>(47,583.1)</b>	<b>(9,887.1)</b>	<b>(9,940.2)</b>	<b>(67,410.3)</b>	<b>(9,509.3)</b>	<b>(430.8)</b>

- note 2 - see Col. 7 Ex Q2-3, T1, S2, page 1

**Variances to be Cleared in April 2018 QRAM**

		<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)	<u>Total</u> \$(000)	<u>Load Balancing</u> <u>Ontario Delivered</u> \$(000)	<u>Load Balancing</u> <u>Peaking</u> \$(000)
3.1	April	-	-	-	-	-	-
3.2	May	(0.0)	0.0	0.0	0.0	0.0	-
3.3	June	(0.0)	-	(0.0)	(0.0)	(0.0)	-
3.4	July	-	-	-	-	-	-
3.5	August	-	-	-	-	-	-
3.6	September	-	-	-	-	-	-
3.7	October	-	-	-	-	-	-
3.8	November	(358.9)	12.1	1,330.1	983.3	1,330.1	-
3.9	December	(4,584.3)	1,316.0	(1,159.4)	(4,427.6)	(1,195.7)	36.3
3.10	January	(7,164.7)	(169.6)	16,736.0	9,401.7	15,781.2	954.8
3.11	February	702.0	(313.4)	18,104.0	18,492.6	18,066.5	37.5
3.12	March	(2,886.5)	(653.9)	(2,587.0)	(6,127.3)	(2,624.1)	37.1
3.0		<b>(14,292.4)</b>	<b>191.4</b>	<b>32,423.6</b>	<b>18,322.6</b>	<b>31,358.0</b>	<b>1,065.6</b>

- note 3 - see Col. 8 Ex Q2-3, T1, S2, page 1



Item # Col. 1 Col. 2 Col. 3 Col. 4 Col. 5 Col. 6 Col. 7

Apr-17							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
1.1 Ontario Delivered	(6,147.3)	1,250.2	(4,897.1)	(5,240.4)		343.3	(4,897.1)
1.2 Peaking Service	-	-	-	-		-	-
1.3 Ontario Production	(5.2)	-	(5.2)	(5.2)		-	(5.2)
1.4 Link Supplies	133.8	464.9	598.6	598.6		-	598.6
1.5 Western Canadian - TCPL	(649.1)	2,076.0	1,426.9	1,426.9		-	1,426.9
1.6 Dominion Supplies	(590.3)	2,021.9	1,431.5	1,431.5		-	1,431.5
1.7 Chicago Supplies	(552.9)	2,266.8	1,713.8	1,713.8		-	1,713.8
1.8 Niagara Supplies	-	238.1	238.1	-	238.1	-	238.1
1.9 Other	-	5,922.2	5,922.2	5,922.2		-	5,922.2
1.10 PGVA	-	-	-	-	-	-	-
1.	(7,811.1)	14,240.0	6,428.9	5,847.5	238.1	343.3	6,428.9
May-17							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
2.1 Ontario Delivered	6,880.8	2,052.8	8,933.6	8,523.0		410.6	8,933.6
2.2 Peaking Service	-	-	-	-		-	-
2.3 Ontario Production	(5.3)	-	(5.3)	(5.3)		-	(5.3)
2.4 Link Supplies	164.8	173.0	337.8	337.8		-	337.8
2.5 Western Canadian - TCPL	357.1	2,898.3	3,255.4	3,255.4		-	3,255.4
2.6 Dominion Supplies	-	-	-	-		-	-
2.7 Chicago Supplies	(6,467.2)	1,469.9	(4,997.3)	(4,997.3)		-	(4,997.3)
2.8 Niagara Supplies	(472.9)	1,070.7	597.8	597.8		-	597.8
2.9 Other	-	(909.3)	(909.3)	-	(909.3)	-	(909.3)
2.10 PGVA	-	(9,364.9)	(9,364.9)	(9,364.9)		-	(9,364.9)
2.	457.3	(2,609.7)	(2,152.3)	(1,653.6)	(909.3)	410.6	(2,152.3)
Jun-17							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
3.1 Ontario Delivered	(6,902.0)	(58.4)	(6,960.4)	(6,848.5)		(111.9)	(6,960.4)
3.2 Peaking Service	-	-	-	-		-	-
3.3 Ontario Production	(5.2)	-	(5.2)	(5.2)		-	(5.2)
3.4 Link Supplies	197.0	(46.0)	150.9	150.9		-	150.9
3.5 Western Canadian - TCPL	(1,905.2)	871.0	(1,034.2)	(1,034.2)		-	(1,034.2)
3.6 Dominion Supplies	-	-	-	-		-	-
3.7 Chicago Supplies	(702.4)	34.1	(668.3)	(668.3)		-	(668.3)
3.8 Niagara Supplies	(309.6)	43.6	(266.0)	(266.0)		-	(266.0)
3.9 Other	-	(893.2)	(893.2)	-	(893.2)	-	(893.2)
3.10 PGVA	-	4,965.1	4,965.1	4,965.1		-	4,965.1
3.	(9,627.5)	4,916.3	(4,711.2)	(3,706.2)	(893.2)	(111.9)	(4,711.2)
Jul-17							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
4.1 Ontario Delivered	(2,394.6)	(2,698.2)	(5,092.8)	(5,290.0)		197.2	(5,092.8)
4.2 Peaking Service	-	-	-	-		-	-
4.3 Ontario Production	(5.9)	-	(5.9)	(5.9)		-	(5.9)
4.4 Link Supplies	221.3	(894.9)	(673.6)	(673.6)		-	(673.6)
4.5 Western Canadian - TCPL	(1,786.7)	(4,662.2)	(6,448.9)	(6,448.9)		-	(6,448.9)
4.6 Dominion Supplies	-	-	-	-		-	-
4.7 Chicago Supplies	(398.5)	(3,314.6)	(3,713.1)	(3,713.1)		-	(3,713.1)
4.8 Niagara Supplies	(352.6)	(3,457.6)	(3,810.2)	(3,810.2)		-	(3,810.2)
4.9 Other	-	(794.3)	(794.3)	-	(794.3)	-	(794.3)
4.10 PGVA	-	2,078.7	2,078.7	2,078.7		-	2,078.7
4.	(4,717.0)	(13,743.1)	(18,460.2)	(17,863.0)	(794.3)	197.2	(18,460.2)
Aug-17							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
5.1 Ontario Delivered	2,859.4	(4,557.0)	(1,697.6)	(2,034.1)		336.5	(1,697.6)
5.2 Peaking Service	-	-	-	-		-	-
5.3 Ontario Production	(6.0)	-	(6.0)	(6.0)		-	(6.0)
5.4 Link Supplies	211.4	(1,239.4)	(1,028.0)	(1,028.0)		-	(1,028.0)
5.5 Western Canadian - TCPL	(2,220.6)	(6,133.5)	(8,354.1)	(8,354.1)		-	(8,354.1)
5.6 Dominion Supplies	-	-	-	-		-	-
5.7 Chicago Supplies	(458.3)	(4,795.7)	(5,254.0)	(5,254.0)		-	(5,254.0)
5.8 Niagara Supplies	(407.8)	(5,178.0)	(5,585.9)	(5,585.9)		-	(5,585.9)
5.9 Other	-	(773.0)	(773.0)	-	(773.0)	-	(773.0)
5.10 PGVA	-	(748.6)	(748.6)	(748.6)		-	(748.6)
5.	(21.9)	(23,425.2)	(23,447.1)	(23,010.6)	(773.0)	336.5	(23,447.1)
Sep-17							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
6.1 Ontario Delivered	5,593.5	(3,712.0)	1,881.5	693.4		1,188.1	1,881.5
6.2 Peaking Service	-	-	-	-		-	-
6.3 Ontario Production	(5.8)	-	(5.8)	(5.8)		-	(5.8)
6.4 Link Supplies	211.0	(1,063.5)	(852.6)	(852.6)		-	(852.6)
6.5 Western Canadian - TCPL	(2,841.8)	(8,595.7)	(11,437.5)	(11,437.5)		-	(11,437.5)
6.6 Dominion Supplies	-	-	-	-		-	-
6.7 Chicago Supplies	(427.1)	(3,821.8)	(4,248.9)	(4,248.9)		-	(4,248.9)
6.8 Niagara Supplies	(1,834.6)	(3,971.6)	(5,806.2)	(5,806.2)		-	(5,806.2)
6.9 Other	-	(540.4)	(540.4)	-	(540.4)	-	(540.4)
6.10 PGVA	-	1,904.1	1,904.1	1,904.1		-	1,904.1
6.	695.3	(19,801.0)	(19,105.8)	(19,753.4)	(540.4)	1,188.1	(19,105.8)

Item #	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
	<b>Oct-17</b>						
	<b>Supplies</b>	<b>Volume Variance</b>	<b>Price Variance</b>	<b>Variance Amount</b>	<b>Commodity</b>	<b>Transportation</b>	<b>Load Balancing</b>
		<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>
1.1	Ontario Delivered	(6,283.0)	420.9	(5,862.1)	(8,687.9)		2,825.8
1.2	Peaking Service	-	-	-	-		-
1.3	Ontario Production	(5.0)	-	(5.0)	(5.0)		(5.0)
1.4	Link Supplies	160.2	1.8	162.0	162.0		162.0
1.5	Western Canadian - TCPL	(2,581.9)	(4,198.9)	(6,780.9)	(6,780.9)		(6,780.9)
1.6	Dominion Supplies	(442.4)	356.0	(86.4)	(86.4)		(86.4)
1.7	Chicago Supplies	(392.8)	306.1	(86.7)	(86.7)		(86.7)
1.8	Niagara Supplies	-	(765.5)	(765.5)		(765.5)	(765.5)
1.9	Other	-	7,817.4	7,817.4	7,817.4		7,817.4
1.10	PGVA	-	-	-	-		-
1.		(9,544.9)	3,937.8	(5,607.1)	(7,667.5)	(765.5)	2,825.8
							(5,607.1)
	<b>Nov-17</b>						
	<b>Supplies</b>	<b>Volume Variance</b>	<b>Price Variance</b>	<b>Variance Amount</b>	<b>Commodity</b>	<b>Transportation</b>	<b>Load Balancing</b>
		<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>
2.1	Ontario Delivered	26,270.2	(4,611.0)	21,659.1	30,672.0		(9,012.9)
2.2	Peaking Service	-	-	-	-		-
2.3	Ontario Production	(5.2)	-	(5.2)	(5.2)		(5.2)
2.4	Link Supplies	-	-	-	-		-
2.5	Western Canadian - TCPL	(2,689.5)	1,147.0	(1,542.4)	(1,542.4)		(1,542.4)
2.6	Dominion Supplies	(11,240.1)	-	(11,240.1)	(11,240.1)		(11,240.1)
2.7	Chicago Supplies	13,657.0	(1,355.3)	12,301.7	12,301.7		12,301.7
2.8	Niagara Supplies	(542.3)	120.2	(422.1)	(422.1)		(422.1)
2.9	Other	-	(2,519.1)	(2,519.1)		(2,519.1)	(2,519.1)
2.10	PGVA	-	(20,494.1)	(20,494.1)	(20,494.1)		(20,494.1)
2.		25,450.1	(27,712.4)	(2,262.3)	9,269.8	(2,519.1)	(9,012.9)
							(2,262.3)
	<b>Dec-17</b>						
	<b>Supplies</b>	<b>Volume Variance</b>	<b>Price Variance</b>	<b>Variance Amount</b>	<b>Commodity</b>	<b>Transportation</b>	<b>Load Balancing</b>
		<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>
3.1	Ontario Delivered	13,836.8	(3,672.0)	10,164.8	15,716.4		(5,551.6)
3.2	Peaking Service	-	(394.6)	(394.6)	-		(394.6)
3.3	Ontario Production	(5.4)	-	(5.4)	(5.4)		(5.4)
3.4	Link Supplies	-	-	-	-		-
3.5	Western Canadian - TCPL	(3,655.1)	356.6	(3,298.6)	(3,298.6)		(3,298.6)
3.6	Dominion Supplies	(12,733.4)	-	(12,733.4)	(12,733.4)		(12,733.4)
3.7	Chicago Supplies	14,621.7	(1,419.0)	13,202.7	13,202.7		13,202.7
3.8	Niagara Supplies	(648.3)	887.9	239.6	239.6		239.6
3.9	Other	-	(1,602.1)	(1,602.1)		(1,602.1)	(1,602.1)
3.10	PGVA	-	(7,110.7)	(7,110.7)	(7,110.7)		(7,110.7)
3.		11,416.3	(12,953.9)	(1,537.6)	6,010.6	(1,602.1)	(5,946.1)
							(1,537.6)
	<b>Jan-18</b>						
	<b>Supplies</b>	<b>Volume Variance</b>	<b>Price Variance</b>	<b>Variance Amount</b>	<b>Commodity</b>	<b>Transportation</b>	<b>Load Balancing</b>
		<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>
4.1	Ontario Delivered	39,633.9	9,510.3	49,144.2	33,363.0		15,781.2
4.2	Peaking Service	1,317.5	954.8	2,272.3	1,317.5		954.8
4.3	Ontario Production	(4.4)	-	(4.4)	(4.4)		(4.4)
4.4	Link Supplies	-	-	-	-		-
4.5	Western Canadian - TCPL	(48.7)	(684.9)	(733.7)	(733.7)		(733.7)
4.6	Dominion Supplies	(14,674.7)	-	(14,674.7)	(14,674.7)		(14,674.7)
4.7	Chicago Supplies	15,925.5	(2,179.1)	13,746.4	13,746.4		13,746.4
4.8	Niagara Supplies	(232.2)	(2,420.1)	(2,652.3)	(2,652.3)		(2,652.3)
4.9	Other	-	(169.6)	(169.6)		(169.6)	(169.6)
4.10	PGVA	-	(37,526.5)	(37,526.5)	(37,526.5)		(37,526.5)
4.		41,916.8	(32,515.1)	9,401.7	(7,164.7)	(169.6)	16,736.0
							9,401.7
	<b>Feb-18</b>						
	<b>Supplies</b>	<b>Volume Variance</b>	<b>Price Variance</b>	<b>Variance Amount</b>	<b>Commodity</b>	<b>Transportation</b>	<b>Load Balancing</b>
		<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>
5.1	Ontario Delivered	39,174.9	7,115.2	46,290.1	28,223.6		18,066.5
5.2	Peaking Service	-	37.5	37.5	-		37.5
5.3	Ontario Production	(4.0)	-	(4.0)	(4.0)		(4.0)
5.4	Link Supplies	-	-	-	-		-
5.5	Western Canadian - TCPL	(247.7)	(1,475.2)	(1,722.9)	(1,722.9)		(1,722.9)
5.6	Dominion Supplies	(13,690.4)	-	(13,690.4)	(13,690.4)		(13,690.4)
5.7	Chicago Supplies	14,953.9	6,095.1	21,049.0	21,049.0		21,049.0
5.8	Niagara Supplies	(171.8)	3,174.8	3,003.1	3,003.1		3,003.1
5.9	Other	-	(313.4)	(313.4)		(313.4)	(313.4)
5.10	PGVA	-	(36,156.3)	(36,156.3)	(36,156.3)		(36,156.3)
5.		40,014.9	(21,522.3)	18,492.6	702.0	(313.4)	18,104.0
							18,492.6
	<b>Mar-18</b>						
	<b>Supplies</b>	<b>Volume Variance</b>	<b>Price Variance</b>	<b>Variance Amount</b>	<b>Commodity</b>	<b>Transportation</b>	<b>Load Balancing</b>
		<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>	<b>\$(000)</b>
6.1	Ontario Delivered	23,413.4	(6,189.8)	17,223.6	19,847.7		(2,624.1)
6.2	Peaking Service	-	37.1	37.1	-		37.1
6.3	Ontario Production	(4.4)	-	(4.4)	(4.4)		(4.4)
6.4	Link Supplies	-	-	-	-		-
6.5	Western Canadian - TCPL	0.0	(3,948.3)	(3,948.3)	(3,948.3)		(3,948.3)
6.6	Dominion Supplies	(14,575.7)	-	(14,575.7)	(14,575.7)		(14,575.7)
6.7	Chicago Supplies	15,237.4	(4,566.1)	10,671.2	10,671.2		10,671.2
6.8	Niagara Supplies	0.0	(3,375.9)	(3,375.9)	(3,375.9)		(3,375.9)
6.9	Other	-	(653.9)	(653.9)		(653.9)	(653.9)
6.10	PGVA	-	(11,501.1)	(11,501.1)	(11,501.1)		(11,501.1)
6.		24,070.7	(30,198.0)	(6,127.3)	(2,886.5)	(653.9)	(2,587.0)
							(6,127.3)

**ENBRIDGE GAS DISTRIBUTION INC.**  
True-up of Prospective Clearing Amounts  
Gas Acquisition - Commodity Component

Item #	Particulars	Col.1	Col.2		Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Col.9
		Year 2016	Year 2017					Year 2018			
		Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)		
1	Forecast Recovery Amount										
2	October 2016 QRAM	(1,281.9)	(2,548.4)	(1,061.5)	(392.6)	n/a	n/a	n/a	n/a	(5,284.3)	(1)
3	January 2017 QRAM	n/a	13,175.7	5,469.3	2,011.0	6,408.7	n/a	n/a	n/a	27,064.7	(2)
4	April 2017 QRAM	n/a	n/a	9,995.5	3,675.2	11,712.3	24,079.4	n/a	n/a	49,462.5	(3)
5	July 2017 QRAM	n/a	n/a	n/a	536.5	1,709.7	3,515.1	1,459.1	n/a	7,220.4	(4)
	October 2017 QRAM	n/a	n/a	n/a	n/a	(17,317.4)	(35,602.8)	(14,778.9)	(5,434.0)	(73,133.1)	(5)
6	Total Forecast Recovery Amount	(1,281.9)	10,627.3	14,403.3	5,830.1	2,513.4	(8,008.3)	(13,319.8)	(5,434.0)	5,330.2	
7	Actual Recovery Amount										
8	October 2016 QRAM					n/a					
9	January 2017 QRAM					8,672.6					
10	April 2017 QRAM					15,849.8					
11	July 2017 QRAM					2,313.7					
	October 2017 QRAM					(23,434.8)					
12	Total Actual Recovery Amount					3,401.3					
13	(Over Collection)/Under Collection					(887.9)				(887.9)	(6)

(1) as per EB-2016-0260 Ex. Q4-3, Tab 4, Schedule 8 page 12 of 16  
(2) as per EB-2016-0326 Ex. Q1-3, Tab 4, Schedule 10 page 12 of 16  
(3) as per EB-2017-0092 Ex. Q2-3, Tab 4, Schedule 10 page 12 of 16  
(4) as per EB-2017-0181 Ex. Q3-3, Tab 4, Schedule 10 page 12 of 16  
(5) as per EB-2017-0281 Ex. Q4-3, Tab 4, Schedule 10 page 12 of 16  
(6) Rider C (Over)/Under Clearance

**ENBRIDGE GAS DISTRIBUTION INC.**  
True-up of Prospective Clearing Amounts  
Gas Acquisition - Transportation Component

Item #	Particulars	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9
		Year 2016	Year 2017				Year 2018			
		Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	\$(000)
1	Forecast Recovery Amount									
2	October 2016 QRAM	140.2								
3	January 2017 QRAM	n/a	274.4 (3,085.9)	117.4 (1,319.7)	46.2 (520.8)	n/a (1,498.5)	n/a	n/a	n/a	578.1 (6,425.0)
4	April 2017 QRAM	n/a	n/a	(217.1)	(85.7)	(246.5)	(507.6)	n/a	n/a	(1,056.8)
5	July 2017 QRAM	n/a	n/a	n/a	(135.7)	(390.4)	(804.0)	(343.9)	n/a	(1,674.0)
	October 2017 QRAM	n/a	n/a	n/a	n/a	(787.4)	(1,621.6)	(693.5)	(273.7)	(3,376.2)
6	Total Forecast Recovery Amount	140.2	(2,811.5)	(1,419.5)	(696.0)	(2,922.9)	(2,933.2)	(1,037.4)	(273.7)	(11,953.8)
7	Actual Recovery Amount									
8	October 2016 QRAM					n/a				
9	January 2017 QRAM					(2,004.9)				
10	April 2017 QRAM					(329.8)				
11	July 2017 QRAM					(522.4)				
	October 2017 QRAM					(1,053.5)				
12	Total Actual Recovery Amount					(3,910.6)				
13	(Over Collection)/Under Collection					987.8				987.8

(1) as per EB-2016-0260 Ex. Q4-3, Tab 4, Schedule 8 page 13 of 16  
(2) as per EB-2016-0326 Ex. Q1-3, Tab 4, Schedule 10 page 13 of 16  
(3) as per EB-2017-0092 Ex. Q2-3, Tab 4, Schedule 10 page 13 of 16  
(4) as per EB-2017-0181 Ex. Q3-3, Tab 4, Schedule 10 page 13 of 16  
(5) as per EB-2017-0281 Ex. Q4-3, Tab 4, Schedule 10 page 13 of 16  
(6) Rider C (Over)/Under Clearance

**ENBRIDGE GAS DISTRIBUTION INC.**  
True-up of Prospective Clearing Amounts  
Gas Acquisition - Load Balancing Component

Item #	Particulars	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9
		Year 2016	Year 2017				Year 2018			
		Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	\$(000)
1	Forecast Recovery Amount									
2	October 2016 QRAM	57.9	115.5	49.3	18.5	n/a	n/a	n/a		241.2 (1)
3	January 2017 QRAM	n/a	(3,172.3)	(1,350.5)	(514.7)	(1,550.1)	n/a	n/a		(6,587.7) (2)
4	April 2017 QRAM	n/a	n/a	1,836.8	701.8	2,108.5	4,311.3	n/a		8,958.4 (3)
5	July 2017 QRAM	n/a	n/a	n/a	109.2	323.9	658.9	282.2		1,374.1 (4)
	October 2017 QRAM	n/a	n/a	n/a	n/a	96.1	197.0	83.7	31.8	408.5 (5)
6	Total Forecast Recovery Amount	57.9	(3,056.9)	535.6	314.8	978.3	5,167.2	365.9	31.8	4,394.5
7	Actual Recovery Amount									
8	October 2016 QRAM					n/a				
9	January 2017 QRAM					(1,958.1)				
10	April 2017 QRAM					2,659.1				
11	July 2017 QRAM					404.6				
	October 2017 QRAM					121.8				
12	Total Actual Recovery Amount					1,227.4				
13	(Over Collection)/Under Collection					(249.1)				(249.1) (6)

(1) as per EB-2016-0260 Ex. Q4-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16  
(2) as per EB-2016-0326 Ex. Q1-3, Tab 4, Schedule 10 page 14, 15 and 16 of 16  
(3) as per EB-2017-0092 Ex. Q2-3, Tab 4, Schedule 10 page 14, 15 and 16 of 16  
(4) as per EB-2017-0181 Ex. Q3-3, Tab 4, Schedule 10 page 14, 15 and 16 of 16  
(5) as per EB-2017-0281 Ex. Q4-3, Tab 4, Schedule 10 page 14, 15 and 16 of 16  
(6) Rider C (Over)/Under Clearance

**ENBRIDGE GAS DISTRIBUTION INC.**  
Component of the Purchased Gas Variance Account  
Gas in Inventory Re-valuation

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
Item #	Particulars	Reference Price \$/10 <sup>3</sup> m <sup>3</sup>	Unit Rate Difference \$/10 <sup>3</sup> m <sup>3</sup>	Total Variance Col.2 times Col. 3 \$(000)	Forecast Clearance January 1, 2018 QRAM \$(000)	Col. 4 minus Col. 5 \$(000)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13	Total (Lines 1 to 12)			44,175.7	(45,420.4)	(1,244.7)
Current QRAM Period						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26	Total (Lines 14 to 25)			10,070.1	0.0	10,070.1
27	Total (Lines 13 plus 26)					8,825.5

ENBRIDGE GAS DISTRIBUTION INC.										
True-up of Prospective Clearing Amounts										
Gas in Inventory Re-valuation										
Item #	Particulars	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9
		Year 2016		Year 2017		Year 2018				
		Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application.										
Forecast Recovery Amount										
1	October 2016 QRAM	(8,305.2)	(16,569.4)	(6,868.6)	(2,501.4)	n/a	n/a	n/a		(34,244.6)
2	January 2017 QRAM	n/a	(2,281.2)	(941.6)	(341.5)	(1,104.9)	n/a	n/a		(4,669.2)
3	April 2017 QRAM	n/a	n/a	289.6	105.0	339.9	701.7	n/a		1,436.2
4	July 2017 QRAM	n/a	n/a	n/a	(794.5)	(2,571.2)	(5,308.3)	(2,191.3)		(10,865.4)
5	October 2017 QRAM	n/a	n/a	n/a	n/a	14,574.5	30,089.4	12,420.8	4,503.6	61,588.3
6	Total Forecast Recovery Amount	(8,305.2)	(18,850.6)	(7,520.6)	(3,532.3)	11,238.2	25,482.8	10,229.5	4,503.6	13,245.4
Actual Recovery Amount										
7	October 2016 QRAM	n/a				n/a				
8	January 2017 QRAM					(1,499.5)				
9	April 2017 QRAM					461.3				
10	July 2017 QRAM					(3,489.1)				
11	October 2017 QRAM					19,777.4				
12	Total Actual Recovery Amount					15,250.1				
13	(Over Collection)/Under Collection					(4,011.9)				(4,011.9)

Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:

Forecast Recovery Amount

- 1 October 2016 QRAM
- 2 January 2017 QRAM
- 3 April 2017 QRAM
- 4 July 2017 QRAM
- 5 October 2017 QRAM

6 Total Forecast Recovery Amount

Actual Recovery Amount

- 7 October 2016 QRAM  
8 January 2017 QRAM  
9 April 2017 QRAM  
10 July 2017 QRAM  
11 October 2017 QRAM

12 Total Actual Recovery Amount

13 (Over Collection)/Under Collection

- (1) as per EB-2016-0260 Ex. Q4-3, Tab 4, Schedule 8 page 11 of 16
- (2) as per EB-2016-0326 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 16
- (3) as per EB-2017-0092 Ex. Q2-3, Tab 4, Schedule 10 page 11 of 16
- (4) as per EB-2017-0181 Ex. Q3-3, Tab 4, Schedule 10 page 11 of 16
- (5) as per EB-2017-0281 Ex. Q4-3, Tab 4, Schedule 10 page 11 of 16
- (6) Rider C (Over)/Under Clearance

**MONTHLY PRICING INFORMATION**

	Col. 1 21 Day Average Empress CGPR	Col. 2 21 Day Average NYMEX	Col. 3 21 Day Average Chicago	Col. 4 21 Day Average Dawn	Col. 5 21 Day Average US Exchange	Col. 6 \$CAD/10 <sup>3</sup> m <sup>3</sup> Equivalent (Note 1)
	\$CAD/GJ	\$US/MMBtu	\$US/MMBtu	\$US/MMBtu	\$CAD/\$US	
Apr-18	2.0811	2.6769	2.4789	2.6199	1.2566	
May-18	2.0509	2.6995	2.4187	2.5281	1.2558	
Jun-18	2.1855	2.7352	2.4370	2.5036	1.2553	
Jul-18	2.1557	2.7774	2.4136	2.5029	1.2547	
Aug-18	2.2652	2.7852	2.4252	2.5195	1.2540	
Sep-18	2.3715	2.7708	2.3997	2.4764	1.2536	
Oct-18	2.3335	2.7887	2.4243	2.4967	1.2531	
Nov-18	2.3921	2.8379	2.6292	2.7573	1.2525	
Dec-18	2.5140	2.9673	2.8811	2.8867	1.2521	
Jan-19	2.5993	3.0564	3.0179	2.9758	1.2516	
Feb-19	2.5560	3.0290	3.0382	2.9484	1.2511	
Mar-19	2.4195	2.9338	2.7851	2.8532	1.2508	

2.3270 2.8382 2.6124 2.6724 1.2534 89.4044

TCPL Fuel Ratio 3.96% 92.9441

(Note 1) \$CAD/10<sup>3</sup>m<sup>3</sup> = \$CAD/GJ \* 38.42 MJ/m<sup>3</sup>

**21 Day Period 31-Jan-18 to 28-Feb-18**

**Natural Gas Conversions**

mcf times 0.028328 = 10<sup>3</sup>m<sup>3</sup>

1 Dth = 1 mcf

MMBtu times 1.055056 = GJ's

\$/mcf divided by .028328 = \$/10<sup>3</sup>m<sup>3</sup>

\$/MMBtu divided by 1.055056 = \$/GJ

\$/GJ times MJ/m<sup>3</sup> = \$/10<sup>3</sup>m<sup>3</sup>

Enbridge Gas Distribution Inc. assumes a heat content of 38.42 MJ/m<sup>3</sup>



2015	\$(000's)	2016	\$(000's)	2017	\$(000's)	2018	\$(000's)
January	1,001.8	January	61.1	January	29.4	January	49.7
February	850.0	February	54.5	February	26.9	February - est	50.0
March	976.3	March	61.3	March	29.3	March	-
April	707.9	April	63.2	April	28.8	April	-
May	799.7	May	48.4	May	29.8	May	-
June	716.4	June	50.5	June	27.9	June	-
July	737.7	July	61.5	July	29.7	July	-
August	730.5	August	77.4	August	29.7	August	-
September	690.6	September	80.3	September	28.7	September	-
October	746.4	October	66.9	October	29.8	October	-
November	59.6	November	45.2	November	22.5	November	-
December	61.4	December	29.8	December	23.3	December	-
	8,078.4		700.0		335.8		99.7

note - Ex Q2-3, T1, S1, page 2 references Extraction Revenue of \$0.3 million  
this is based upon the monthly amounts from above for the months of April 2017  
to February 2018

**Annualized Impact of April 1, 2018 Quarterly Rate Adjustment  
on the Company's F2018 Test Year Revenue Requirement**

Line No.	Impact of cost change on utility operations	N O T E	Exhibit Reference	Col.1 Volume (10 <sup>3</sup> M <sup>3</sup> )	Col.2 Change in Unit Rates (\$/10 <sup>3</sup> M <sup>3</sup> )	Col. 3 N O T E	Col. 4 Quarterly Rate Adjustment Impact (\$000)
	Item Numbers						
1.	Forecast volumes from EB-2017-0086 (4.1, 4.2, 4.3, & 4.6)	B	D1.T2.S5.p2	7 938 397.7	(15.871)	A	(125,990.3)
2.	Forecast Company use volume (4.7)	B	D1.T2.S5.p2	5 467.6	(15.871)	A	(86.8)
3.	Forecast unbilled and unaccounted for volume (4.8 & 4.9)	B	D1.T2.S5.p2	118 321.0	(15.871)	A	(1,877.9)
4.	Forecast lost and unaccounted for volume (4.11)	B	D1.T2.S5.p2	20 365.2	(15.871)	A	(323.2)
5.	EB-2017-0086 approved utility gas cost volume - excluding T-service			<u>8 082 551.5</u>			
6.	Gross upstream pass-on of change in purchase cost of gas						(128,278.2)
					(\$000)		
7.	Updated T-service transportation costs		Q2-3.T1.S1, items 16 & 19		77,763.1		
8.	T-service transportation costs within EB-2017-0347		Q2-3.T1.S1, items 17 & 20		81,576.7		(3,813.6)
9.	Total impact of upstream pass-on change in purchase cost of gas						(132,091.8)
10.	Impact on carrying cost requirement as a result of upstream pass-on impact on rate base		Q2-3.T2.S2				(1,946.2)
11.	Increase (decrease) in revenue requirement						<u>(134,038.0)</u>
<b>Note : A</b>							
12.	PGVA reference price as examined in this proceeding		Q2-3.T1.S1, item 13		EB-2018-0090	153.575	
13.	January 1, 2018 PGVA reference price		Q2-3.T1.S1, item 14		EB-2018-0090	169.446	
14.	Change in price					<u>(15.871)</u>	

**Note : B**

15. Board approved 2018 volumes are from Exhibit D1, Tab 2, Schedule 5, page 2, Filed: 2017-09-25, within EB-2017-0086, and amended as a result of the Board Approved Amended Settlement Agreement and Decision and Rate Order, Dated: December 7, 2017.

**Annualized Impact of April 1, 2018 Quarterly Rate Adjustment  
on Rate Base and its Associated  
Gross Carrying Cost**

	Col.1	Col.2	Col.3
Line No.	Impact of cost change on utility operations	Exhibit Reference	
			(\$000)
1.	Effect on gas in storage of the pass-on of the gas purchase unit rate change	Q2-3.T2.S5	1 610 410.7
2.	Gas purchase unit rate change applied to the volume of gas in storage	Q2-3.T1.S1	<u>(\$15.871)</u> (25,558.8)
3.	Effect on working cash allowance of the upstream pass-on		
3.1	a) Net change in purchase cost of gas	Q2-3.T2.S1	(\$132,091.8)
3.2	b) Net lag-days calculated	Q2-2.T3.S1.p1	<u>2.3</u>
3.3	c) Dollar days		(301,169.3)
3.4	d) Number of operating days		<u>365</u> (825.1)
4.	Effect on the Harmonized Sales Tax of the upstream pass-on	Q2-2.T3.S1.p1	<u>23.1</u>
5.	Change in Rate Base		(26,360.8)
6.	Gross return component	Q2-3.T2.S3	<u>7.38%</u>
7.	Effect on carrying cost requirement		<u><u>(1,946.2)</u></u>

**Calculation of the Gross Rate  
of Return on Rate Base**

	Col.1	Col.2	Col.3	Col.4	Col.5
Line No.	Capital Structure Component (Note 1)	Indicated Cost Rate (Note 1)	Net Return Component (Note 1)	Reciprocal of the Tax rate (Note 2)	Gross Return Component
	%	%	%		%
1. Long-term debt	61.84	4.70	2.91		2.91
2. Short-term debt	<u>0.56</u>	1.60	<u>0.01</u>		<u>0.01</u>
3. Tax shielded	<u>62.40</u>		<u>2.92</u>		<u>2.92</u>
4. Preference shares	1.60	2.72	0.04	0.7350	0.06
5. Common equity	<u>36.00</u>	9.00	<u>3.24</u>	0.7350	<u>4.41</u>
6. Non tax shielded	<u>37.60</u>		<u>3.28</u>		<u>4.47</u>
7.	<u><u>100.00</u></u>		<u><u>6.20</u></u>		<u><u>7.38</u></u>

Note 1: The source for Columns 1 to 3 is the 2018 cost of capital found in the EB-2017-0086 Decision and Rate Order, Schedule 4, Page 8, Columns 2 to 4, Dated: 2017-12-07, as explained at Exhibit Q2-2, Tab 2, Schedule 1, paragraph 5.

Note 2: The Board Approved 2018 corporate income tax rate of 26.5% is to be used within the gross return calculation for 2018.

**Calculation of the Inventory Adjustment**

Line No.	Exhibit Reference	Col.1	Col.2
1.	Forecast inventory balance at March 31, 2018 ( $10^3$ M <sup>3</sup> )	Q2-3.T2.S5	634 498.1
2.	Gas purchase unit rate change applied to the forecast of March 31, 2018 inventory volume ( $\$/10^3$ M <sup>3</sup> )	Q2-3.T1.S1	<u>(\$15.871)</u>
3.	Inventory adjustment (\$000)		<u><u>(\$10,070.1)</u></u>

**Gas in Storage**  
**Month End Balances and**  
**Average of Monthly Averages**

Line No.	Col.1  Gas In Storage  (10 <sup>3</sup> M <sup>3</sup> )
Month end balances except @ January 1	
1. January 1	2 190 802.5
2. January	1 722 602.0
3. February	1 289 318.9
4. March	634 498.1
5. April	431 893.2
6. May	735 480.1
7. June	1 149 921.0
8. July	1 609 731.2
9. August	2 078 881.0
10. September	2 504 867.5
11. October	2 609 486.3
12. November	2 395 591.2
13. December	2 134 513.5
14. Average of monthly averages	<u><u>1 610 410.7</u></u>

**CLASSIFICATION OF**  
**CHANGE IN RATE BASE AND COST OF SERVICE**  
 (\$millions)

	COL. 1	COL. 2	COL. 3
	<u>TOTAL</u>	<u>ANNUAL COMMODITY</u>	<u>SEASONAL SPACE</u>
<b><u>IMPACT ON RETURN ON RATE BASE</u></b>			
1.1 GAS IN INVENTORY	(25.56)	0.00	(25.56)
1.2 GAS COSTS WORKING CASH	(0.83)	(0.83)	0.00
1.3 HST WORKING CASH	0.02	0.02	0.00
	----	----	----
1. TOTAL RATE BASE IMPACT	(26.36)	(0.80)	(25.56)
<b><u>RETURN AT 7.38%:</u></b>			
2.1 GAS COST	(1.95)	(0.06)	(1.89)
	----	----	----
2. TOTAL IMPACT OF RETURN ON RATE BASE	(1.95)	(0.06)	(1.89)
	----	----	----
3 TOTAL COST OF SERVICE IMPACT	(1.95)	(0.06)	(1.89)

**CALCULATION OF UNIT RATE CHANGE  
BY CUSTOMER CLASS**  
(\$millions)

	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7	COL. 8	COL. 9	COL. 10	COL. 11	COL. 12	COL. 13	COL. 14
	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 125	RATE 135	RATE 145	RATE 170	RATE 200	RATE 300	FACTORS Q2-3,3,4	
<b>ALLOCATION OF O&amp;M COSTS</b>														
1.1 ANNUAL COMMODITY	(51.47)	(29.72)	(20.24)	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.06)	(0.22)	(0.84)	0.00	1.1
1.2 PIPELINE PEAK	(2.59)	(1.42)	(1.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	3.1
1.3 PIPELINE SEASONAL	(14.24)	(6.92)	(6.65)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.09)	(0.23)	0.00	3.2
1.4 PIPELINE ANNUAL	(59.33)	(31.66)	(24.74)	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.07)	(0.29)	(0.89)	0.00	1.2
1.5 DISTRIBUTION COMMODITY	(1.54)	(0.64)	(0.65)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.04)	(0.02)	0.00	1.4
1.6 SPACE	(0.30)	(0.15)	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00	3.2
1.7 DELIVERABILITY	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	3.1
1.8 DAWN T SERVICE	(2.61)	(0.10)	(1.12)	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.03)	(0.21)	(0.06)	0.00	3.3
1. TOTAL	(132.08)	(70.61)	(54.66)	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.20)	(0.86)	(2.06)	0.00	
<b>ALLOCATION OF RETURN AND TAXES</b>														
2.1 ANNUAL COMMODITY	(0.06)	(0.03)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	0.00	1.1
2.2 SEASONAL SPACE	(1.89)	(0.92)	(0.88)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.01)	(0.03)	0.00	3.2
2. TOTAL	(1.95)	(0.95)	(0.90)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.03)	0.00	
<b>TOTAL</b>														
3.1 ANNUAL COMMODITY	(51.53)	(29.76)	(20.26)	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.06)	(0.22)	(0.84)	0.00	1.1
3.2 PIPELINE PEAK	(2.59)	(1.42)	(1.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	3.1
3.3 PIPELINE SEASONAL	(14.24)	(6.92)	(6.65)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.09)	(0.23)	0.00	3.2
3.4 PIPELINE ANNUAL	(59.33)	(31.66)	(24.74)	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.07)	(0.29)	(0.89)	0.00	1.2
3.5 DISTRIBUTION COMMODITY	(1.54)	(0.64)	(0.65)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.04)	(0.02)	0.00	1.4
3.6 SEASONAL SPACE	(1.89)	(0.92)	(0.88)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.01)	(0.03)	0.00	3.2
3.7 SPACE	(0.30)	(0.15)	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00	3.2
3.8 DELIVERABILITY	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	3.1
3.9 DAWN T SERVICE	(2.61)	(0.10)	(1.12)	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.03)	(0.21)	(0.06)	0.00	3.3
3. TOTAL	(134.02)	(71.57)	(55.57)	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.21)	(0.87)	(2.09)	0.00	
<b>UNIT RATE CHANGE (\$ per 10mp)</b>														
4.1 ANNUAL COMMODITY	(6.49)	(6.49)	(6.49)	0.00	0.00	0.00	0.00	0.00	(6.49)	(6.49)	(6.49)	(6.49)	0.00	
4.2 PIPELINE PEAK	(0.30)	(0.23)	(0.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	
4.3 PIPELINE SEASONAL	(1.24)	(1.46)	(1.38)	0.00	0.00	0.00	0.00	0.00	0.00	(0.71)	(0.31)	(1.34)	0.00	
4.4 PIPELINE ANNUAL	(6.83)	(6.83)	(6.83)	0.00	0.00	0.00	0.00	0.00	(6.83)	(6.83)	(6.83)	(6.83)	0.00	
4.5 DISTRIBUTION COMMODITY	(0.13)	(0.13)	(0.13)	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.13)	(0.13)	(0.13)	0.00	
4.6 SEASONAL SPACE	(0.16)	(0.19)	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.04)	(0.18)	0.00	
4.7 SPACE	(0.03)	(0.03)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	(0.03)	0.00	
4.8 DELIVERABILITY	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	
4.9 DAWN T SERVICE	(1.25)	(1.25)	(1.25)	0.00	0.00	0.00	0.00	0.00	(1.25)	(1.25)	(1.25)	(1.25)	0.00	
5.0 TOTAL SALES	(15.11)	(15.44)	(15.28)	0.00	0.00	0.00	0.00	0.00	(13.46)	(14.27)	(13.82)	(15.15)	0.00	
6.0 TOTAL T-SERVICE	(8.62)	(8.95)	(8.79)	0.00	0.00	0.00	0.00	0.00	(6.97)	(7.78)	(7.32)	(8.65)	0.00	

ITEM 3.1 = ITEM 1.1 + ITEM 2.1  
ITEM 3.2 = ITEM 1.2  
ITEM 3.3 = ITEM 1.3  
ITEM 3.4 = ITEM 1.4  
ITEM 3.5 = ITEM 1.5  
ITEM 3.6 = ITEM 2.2  
ITEM 3.7 = ITEM 1.6  
ITEM 3.8 = ITEM 1.7  
ITEM 3.9 = ITEM 1.8  
ITEM 4.1 = ITEM 3.1/ANNUAL SALES  
ITEM 4.2 = ITEM 3.2/BUNDLED ANNUAL DELIVERIES  
ITEM 4.3 = ITEM 3.3/BUNDLED ANNUAL DELIVERIES  
ITEM 4.4 = ITEM 3.4/BUNDLED TRANSPORTATION DELIVERIES  
ITEM 4.5 = ITEM 3.5/TOTAL ANNUAL DELIVERIES  
ITEM 4.6 = ITEM 3.6/BUNDLED ANNUAL DELIVERIES  
ITEM 4.7 = ITEM 3.7/BUNDLED ANNUAL DELIVERIES  
ITEM 4.8 = ITEM 3.8/BUNDLED ANNUAL DELIVERIES  
ITEM 4.9 = ITEM 3.9/DAWN T TRANSPORTATION DELIVERIES



**TECUMSEH GAS  
RATE DERIVATION**

Item No.	Description	Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Col.9	Col.10
		<u>Functional Allocation</u>			<u>Classification Factor</u>	<u>Transmission and Compression</u>			<u>Pool Storage</u>		
		<u>Total</u>	<u>T/C</u>	<u>Pool</u>		<u>Annual Demand</u>	<u>Daily Demand</u>	<u>Commodity</u>	<u>Annual Demand</u>	<u>Daily Demand</u>	<u>Commodity</u>
1	Change in Cost of Lost and Unaccounted for Volume (\$000)	(323.2)	69%	31%	100% Commodity	0.0	0.0	(223.0)	0.0	0.0	(100.2)
2	Forecasted Gas Volumes (10 <sup>3</sup> m <sup>3</sup> )	n/a				2,799,104	46,446	5,252,601	2,637,104	43,611	4,928,601
3	Unit cost - Annual (\$/10 <sup>3</sup> m <sup>3</sup> )	n/a				0.0000	0.0000	(0.0425)	0.0000	0.0000	(0.0203)

**ALLOCATION FACTORS**  
 (10<sup>6</sup>m<sup>3</sup>)

	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7	COL. 8	COL. 9	COL. 10	COL. 11	COL. 12	COL. 13
		RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 125	RATE 135	RATE 145	RATE 170	RATE 200	RATE 300
1.1 ANNUAL SALES	7,938.4	4,583.6	3,121.3	-	-	56.3	-	-	4.5	8.6	34.5	129.6	-
1.2 BUNDLED TRANSPORTATION DELIVERIES	8,684.6	4,634.6	3,620.7	-	-	216.5	11.3	-	18.9	10.7	42.4	129.6	-
1.3 BUNDLED ANNUAL DELIVERIES	11,487.4	4,750.2	4,829.8	-	-	789.0	542.8	-	64.5	50.1	291.2	169.8	-
1.4 BUNDLED WINTER DELIVERIES	7,477.4	3,297.2	3,277.3	-	-	374.3	236.3	-	12.9	27.6	137.9	114.0	-
3.1 DELIVERABILITY	57.4	31.5	25.2	-	-	0.1	0.1	-	-	-	-	0.5	-
3.2 SPACE	2,738.9	1,332.0	1,279.2	-	-	47.9	11.7	-	-	6.8	17.4	43.8	-
3.3 DAWN TRANSPORTATION DELIVERIES	2,091.3	82.9	895.1	-	-	474.9	362.0	-	39.6	25.2	171.4	40.1	-

REVENUE COMPARISON - CURRENT METHODOLOGY vs PROPOSED METHODOLOGY BY RATE CLASS AND COMPONENT (\$000)

ITEM NO.	RATE NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18
		REVENUE - EB-2017-0347						(SUFFICIENCY)/DEFICIENCY						REVENUE - EB-2018-0090					
		DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	GAS SUPPLY COMMODITY	TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	GAS SUPPLY COMMODITY	TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	GAS SUPPLY COMMODITY	TOTAL
1.	1	891,893	251,921	966	80,412	462,683	1,687,875	(755)	(31,662)	(103)	(9,265)	(29,752)	(71,536)	891,139	220,259	862	71,147	432,931	1,616,338
2.	6	396,787	196,809	10,428	75,706	315,740	995,470	(827)	(24,735)	(1,116)	(8,666)	(20,260)	(55,604)	395,959	172,074	9,313	67,041	295,479	939,866
3.	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	110	19,473	11,768	5,532	2,587	5,666	45,025	(118)	(1,479)	(592)	(288)	(366)	(2,843)	19,354	10,289	4,941	2,299	5,300	42,183
6.	115	7,111	614	4,217	638	0	12,580	(70)	(77)	(451)	(72)	0	(670)	7,041	537	3,766	566	0	11,910
7.	125	11,008	0	0	0	0	11,008	0	0	0	0	0	0	11,008	0	0	0	0	11,008
8.	135	1,289	1,025	462	(543)	450	2,683	(9)	(129)	(49)	0	(29)	(216)	1,281	896	412	(543)	421	2,467
9.	145	1,510	581	293	90	863	3,338	(6)	(73)	(31)	(40)	(56)	(207)	1,504	508	262	50	807	3,131
10.	170	2,855	2,307	1,997	(2,583)	3,468	8,045	(41)	(290)	(214)	(103)	(224)	(871)	2,814	2,017	1,784	(2,686)	3,244	7,174
11.	200	4,289	7,046	468	2,325	13,040	27,168	(28)	(886)	(50)	(282)	(842)	(2,087)	4,261	6,161	418	2,043	12,198	25,081
12.	300	56	0	0	0	0	56	0	0	0	0	0	0	56	0	0	0	0	56
13.	SUB-TOTAL	1,336,270	472,071	24,364	158,633	801,910	2,793,247	(1,853)	(59,330)	(2,606)	(18,715)	(51,528)	(134,033)	1,334,417	412,741	21,757	139,918	750,382	2,659,215
14.	STORAGE	1,806	0	0	0	0	1,806	(17)	0	0	0	0	(17)	1,789	0	0	0	0	1,789
15.	DPAC	1,423	0	0	0	0	1,423	0	0	0	0	0	0	1,423	0	0	0	0	1,423
16.	332	17,397	0	0	0	0	17,397	0	0	0	0	0	0	17,397	0	0	0	0	17,397
17.	TOTAL	1,356,896	472,071	24,364	158,633	801,910	2,813,874	(1,870)	(59,330)	(2,606)	(18,715)	(51,528)	(134,050)	1,355,026	412,741	21,757	139,918	750,382	2,679,824

PROPOSED VOLUMES AND REVENUE RECOVERY BY RATE CLASS (\$000)

ITEM NO.	RATE NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	GAS SUPPLY TRANSPORTATION SALES & WESTERN TS		Col. 6	Col. 7	Col. 8	GAS SUPPLY TRANSPORTATION DAWN TS		Col. 9	Col. 7	GAS SUPPLY LOAD BALANCING		Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13
		VOLUMES 10 <sup>3</sup> m <sup>3</sup>	DISTRIBUTION REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	GAS SUPPLY COMMODITY REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	TOTAL REVENUES \$000	
1.	1	4,750,232	891,139	18.76	4,634,556	220,259	4.75	82,881	862	1.04	4,750,232	71,147	1.50	4,583,611	432,931	9.45	1,616,338						
2.	6	4,829,758	395,959	8.20	3,620,680	172,074	4.75	895,132	9,313	1.04	4,829,758	67,041	1.39	3,121,315	295,479	9.47	939,866						
3.	9	0	0	0.00	0	0	0.00	0	0	0.00	0	0	#DIV/0!	0	0	#DIV/0!	0						
4.	100	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0						
5.	110	789,036	19,354	2.45	216,486	10,289	4.75	474,890	4,941	1.04	789,036	2,299	0.29	56,322	5,300	9.41	42,183						
6.	115	542,831	7,041	1.30	11,292	537	4.75	362,012	3,766	1.04	542,831	566	0.10	0	0	0.00	11,910						
7.	125	0	11,008	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	11,008						
8.	135	64,501	1,281	1.99	18,862	896	4.75	39,641	412	1.04	64,501	(543)	(0.84)	4,473	421	9.42	2,467						
9.	145	50,136	1,504	3.00	10,692	508	4.75	25,167	262	1.04	50,136	50	0.10	8,575	807	9.41	3,131						
10.	170	291,152	2,814	0.97	42,446	2,017	4.75	171,438	1,784	1.04	291,152	(2,686)	(0.92)	34,475	3,244	9.41	7,174						
11.	200	169,764	4,261	2.51	129,627	6,161	4.75	40,137	418	0.00	169,764	2,043	1.20	129,627	12,198	9.41	25,081						
12.	300	0	56	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	56						
13	SUB-TOTAL	11,487,411	1,334,417	11.62	8,684,641	412,741	4.75	2,091,298	21,757	1.04	11,487,411	139,918	1.22	7,938,398	750,382	9.45	2,659,215						
14.	STORAGE	N/A	1,789	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1,789						
15.	DPAC	N/A	1,423	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1,423						
16.	332	N/A	17,397	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	17,397						
17.	TOTAL	11,487,411	1,355,026	11.62	8,684,641	412,741	4.75	2,091,298	21,757	1.04	11,487,411	139,918	1.22	7,938,398	750,382	9.45	2,679,824						

FISCAL YEAR REVENUE COMPARISON - CURRENT REVENUE vs PROPOSED REVENUE BY RATE CLASS

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Rate No.	REVENUE - EB-2017-0347			REVENUE - EB-2018-0090			Total Difference (\$000)
		Revenue (\$000)	Unbilled Revenue (\$000)	Total (\$000)	Proposed Revenue (\$000)	Unbilled Revenue (\$000)	Total (\$000)	
1.	1	1,687,875	(761)	1,687,114	1,616,338	(789)	1,615,549	(71,565)
2.	6	995,470	(152)	995,318	939,866	(112)	939,754	(55,565)
3.	9	0	0	0	0	0	0	0
4.	100	0	0	0	0	0	0	0
5.	110	45,025	(45)	44,981	42,183	(37)	42,146	(2,835)
6.	115	12,580	39	12,619	11,910	35	11,945	(674)
7.	125	11,008	0	11,008	11,008	0	11,008	0
8.	135	2,683	2	2,685	2,467	1	2,469	(216)
9.	145	3,338	24	3,362	3,131	23	3,154	(208)
10.	170	8,045	11	8,055	7,174	10	7,184	(871)
11.	200	27,168	0	27,168	25,081	0	25,081	(2,087)
12.	300	56	0	56	56	0	56	0
13.	SUB-TOTAL	2,793,247	(882)	2,792,366	2,659,215	(869)	2,658,346	(134,020)
14.	STORAGE	1,806	0	1,806	1,789	0	1,789	(17)
15.	DPAC	1,423	0	1,423	1,423	0	1,423	0
16.	332	17,397	0	17,397	17,397	0	17,397	0
16.	TOTAL	2,813,874	(882)	2,812,992	2,679,824	(869)	2,678,955	(134,037)

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

Item	Rate	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
<u>No.</u>	<u>No.</u>		<u>Rate Block</u>	<u>EB-2017-0347</u>	<u>Rate Change</u>	<u>Proposed</u>
			<u>m<sup>3</sup></u>	<u>cents *</u>	<u>cents *</u>	<u>EB-2018-0090</u>
<b>RATE 1</b>						
1.01		Customer Charge		\$20.00	\$0.00	\$20.00
1.02		Delivery Charge	first 30	9.5999	(0.0178)	9.5821
1.03			next 55	8.9814	(0.0167)	8.9647
1.04			next 85	8.4971	(0.0158)	8.4813
1.05			over 170	8.1361	(0.0151)	8.1210
1.06		Gas Supply Load Balancing		1.6928	(0.1950)	1.4978
1.07		Gas Supply Transportation		5.4357	(0.6832)	4.7525
1.08		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
1.09		Gas Supply Commodity - System		10.0943	(0.6491)	9.4452
1.10		Gas Supply Commodity - Buy/Sell		10.0748	(0.6491)	9.4257
<b>RATE 6</b>						
2.01		Customer Charge		\$70.00	\$0.00	\$70.00
2.02		Delivery Charge	First 500	8.9910	(0.0292)	8.9619
2.03			Next 1050	6.8734	(0.0223)	6.8511
2.04			Next 4500	5.3904	(0.0175)	5.3730
2.05			Next 7000	4.4377	(0.0144)	4.4233
2.06			Next 15250	4.0143	(0.0130)	4.0013
2.07			Over 28300	3.9080	(0.0127)	3.8953
2.08		Gas Supply Load Balancing		1.5675	(0.1794)	1.3881
2.09		Gas Supply Transportation		5.4357	(0.6832)	4.7525
2.10		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
2.11		Gas Supply Commodity - System		10.1156	(0.6491)	9.4665
2.12		Gas Supply Commodity - Buy/Sell		10.0961	(0.6491)	9.4470
<b>RATE 9</b>						
3.01		Customer Charge		\$235.95	\$0.00	\$235.95
3.02		Delivery Charge	first 20000	11.5864	(0.3384)	11.2480
3.03			over 20000	10.8451	(0.3168)	10.5283
3.04		Gas Supply Load Balancing		0.0191	(0.0015)	0.0176
3.05		Gas Supply Transportation		5.4357	(0.6832)	4.7525
3.06		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
3.07		Gas Supply Commodity - System		10.0594	(0.6491)	9.4103
3.08		Gas Supply Commodity - Buy/Sell		10.0400	(0.6491)	9.3909
<b>RATE 100</b>						
4.01		Customer Charge		\$122.01	\$0.00	\$122.01
4.02		Demand Charge (Cents/Month/m <sup>3</sup> )		36.0000	0.0000	36.0000
4.03		Delivery Charge	first 14,000	0.1776	(0.0013)	0.1762
4.04			next 28,000	0.1776	(0.0013)	0.1762
4.05			over 42,000	0.1776	(0.0013)	0.1762
4.06		Gas Supply Load Balancing		1.5675	(0.1794)	1.3881
4.07		Gas Supply Transportation		5.4357	(0.6832)	4.7525
4.08		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
4.09		Gas Supply Commodity - System		10.1156	(0.6491)	9.4665
4.10		Gas Supply Commodity - Buy/Sell		10.0961	(0.6491)	9.4470
<b>RATE 110</b>						
5.01		Customer Charge		\$587.37	\$0.00	\$587.37
5.02		Demand Charge (Cents/Month/m <sup>3</sup> )		22.9100	0.0000	22.9100
5.03		Delivery Charge	first 1,000,000	0.8595	(0.0150)	0.8445
5.04			over 1,000,000	0.7095	(0.0150)	0.6945
5.05		Gas Supply Load Balancing		0.3279	(0.0365)	0.2914
5.06		Gas Supply Transportation		5.4357	(0.6832)	4.7525
5.07		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
5.08		Gas Supply Commodity - System		10.0595	(0.6491)	9.4104
5.09		Gas Supply Commodity - Buy/Sell		10.0401	(0.6492)	9.3909

NOTE : \* Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Item No.	Rate No.		<u>Rate Block</u> m³	<u>EB-2017-0347</u> cents *	<u>Rate Change</u> cents *	<u>Proposed</u> <u>EB-2018-0090</u> cents *
		RATE 115				
1.01		Customer Charge		\$622.62	\$0.00	\$622.62
1.02		Demand Charge (Cents/Month/m³)		24.3600	0.0000	24.3600
1.03		Delivery Charge	first 1,000,000	0.4364	(0.0129)	0.4235
1.04			over 1,000,000	0.3364	(0.0129)	0.3235
1.05		Gas Supply Load Balancing		0.1175	(0.0132)	0.1043
1.06		Gas Supply Transportation		5.4357	(0.6832)	4.7525
1.07		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
1.08		Gas Supply Commodity - System		10.0595	(0.6491)	9.4104
1.09		Gas Supply Commodity - Buy/Sell		10.0401	(0.6492)	9.3909
<hr/>						
		RATE 125				
2.01		Customer Charge		500.00	\$ -	\$ 500.00
2.02		Delivery Charge (Cents/Month/m³ of Contract Dmnd)		9.8840	0.0000	9.8840
<hr/>						
		RATE 135 DEC - MAR				
3.00		Customer Charge		\$115.08	\$0.00	\$115.08
3.01		Delivery Charge	first 14,000	7.1641	(0.0132)	7.1509
3.02			next 28,000	5.9641	(0.0132)	5.9509
3.03			over 42,000	5.5641	(0.0132)	5.5509
3.04		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.05		Gas Supply Transportation		5.4357	(0.6832)	4.7525
3.06		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
3.07		Gas Supply Commodity - System		10.0665	(0.6491)	9.4174
3.08		Gas Supply Commodity - Buy/Sell		10.0470	(0.6491)	9.3979
<hr/>						
		RATE 135 APR - NOV				
3.09		Customer Charge		\$115.08	\$0.00	\$115.08
3.10		Delivery Charge	first 14,000	2.4641	(0.0132)	2.4509
3.11			next 28,000	1.7641	(0.0132)	1.7509
3.12			over 42,000	1.5641	(0.0132)	1.5509
3.13		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.14		Gas Supply Transportation		5.4357	(0.6832)	4.7525
3.15		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
3.16		Gas Supply Commodity - System		10.0665	(0.6491)	9.4174
3.17		Gas Supply Commodity - Buy/Sell		10.0470	(0.6491)	9.3979
<hr/>						
		RATE 145				
4.00		Customer Charge		\$123.34	\$0.00	\$123.34
4.01		Demand Charge (Cents/Month/m³)		8.2300	0.0000	8.2300
4.02		Delivery Charge	first 14,000	3.0077	(0.0125)	2.9952
4.03			next 28,000	1.6487	(0.0125)	1.6362
4.04			over 42,000	1.0897	(0.0125)	1.0772
4.05		Gas Supply Load Balancing		0.7275	(0.0803)	0.6472
4.06		Gas Supply Transportation		5.4357	(0.6832)	4.7525
4.07		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
4.08		Gas Supply Commodity - System		10.0632	(0.6492)	9.4140
4.09		Gas Supply Commodity - Buy/Sell		10.0437	(0.6492)	9.3945
<hr/>						
		RATE 170				
5.00		Customer Charge		\$279.31	\$0.00	\$279.31
5.01		Demand Charge (Cents/Month/m³)		4.0900	0.0000	4.0900
5.02		Delivery Charge	first 1,000,000	0.5572	(0.0140)	0.5433
5.03			over 1,000,000	0.3572	(0.0140)	0.3433
5.04		Gas Supply Load Balancing		0.3184	(0.0353)	0.2831
5.05		Gas Supply Transportation		5.4357	(0.6832)	4.7525
5.06		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
5.07		Gas Supply Commodity - System		10.0595	(0.6491)	9.4104
5.08		Gas Supply Commodity - Buy/Sell		10.0401	(0.6492)	9.3909

NOTE : \* Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Item	Rate					
<u>No.</u>	<u>No.</u>		<u>Rate Block</u>	<u>EB-2017-0347</u>	<u>Rate</u>	<u>Proposed</u>
			<u>m<sup>3</sup></u>	<u>cents *</u>	<u>Change</u>	<u>EB-2018-0090</u>
					<u>cents *</u>	<u>cents *</u>
RATE 200						
1.00		Customer Charge		\$0.00	\$0.00	\$0.00
1.01		Demand Charge (Cents/Month/m <sup>3</sup> )		14.7000	0.0000	14.7000
1.02		Delivery Charge		1.2448	(0.0162)	1.2286
1.03		Gas Supply Load Balancing		1.4739	(0.1660)	1.3079
1.04		Gas Supply Transportation		5.4357	(0.6832)	4.7525
1.05		Gas Supply Transportation Dawn		1.1650	(0.1246)	1.0404
1.06		Gas Supply Commodity - System		10.0595	(0.6492)	9.4103
1.07		Gas Supply Commodity - Buy/Sell		10.0400	(0.6492)	9.3908
RATE 300 FIRM SERVICE						
2.00		Monthly Customer Charge		\$500.00	\$0.00	\$500.00
2.01		Demand Charge (Cents/Month/m <sup>3</sup> )		26.6881	0.0000	26.6881
INTERRUPTIBLE SERVICE						
2.02		Minimum Delivery Charge (Cents/Month/m <sup>3</sup> )		0.3899	0.0000	0.3899
2.03		Maximum Delivery Charge (Cents/Month/m <sup>3</sup> )		1.0529	0.0000	1.0529
RATE 315						
		Monthly Customer Charge		\$150.00	\$0.00	\$150.00
3.00		Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0537	0.0000	0.0537
3.01		Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		23.6716	(0.7121)	22.9595
3.02		Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.2715	(0.0046)	0.2669
RATE 316						
		Monthly Customer Charge		\$150.00	\$0.00	\$150.00
4.00		Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0537	0.0000	0.0537
4.01		Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		5.5775	0.0000	5.5775
4.02		Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.1024	(0.0047)	0.0977
RATE 320						
5.00		Backstop	All Gas Sold	16.1708	(1.3816)	14.7893

NOTE : \* Cents unless otherwise noted.



SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)

Item	Rate	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
<u>No.</u>	<u>No.</u>		<u>Rate Block</u>	<u>EB-2017-0347</u>	<u>Rate</u>	<u>Proposed</u>
			<u>m<sup>3</sup></u>	<u>cents *</u>	<u>Change</u>	<u>EB-2018-0090</u>
					<u>cents *</u>	<u>cents *</u>
RATE 325						
		Transmission & Compression				
1.00		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		0.2071	0.0000	0.2071
1.01		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		22.7879	0.0000	22.7879
1.02		Commodity Charge		0.8753	(0.0425)	0.8328
		Storage				
1.03		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		0.1955	0.0000	0.1955
1.04		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		21.7395	0.0000	21.7395
1.05		Commodity Charge		0.1293	(0.0203)	0.1090
(2) Note: These are UNBUNDLED Rates						
<hr/>						
RATE 330 Storage Service - Firm						
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV)				
2.00		Minimum		0.4026	0.0000	0.4026
2.01		Maximum		2.0130	0.0000	2.0130
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Daily Withdrawal)				
2.02		Minimum		44.5274	0.0000	44.5274
2.03		Maximum		222.6370	0.0000	222.6370
		Commodity Charge				
2.04		Minimum		1.0046	(0.0628)	0.9418
2.05		Maximum		5.0230	(0.3140)	4.7090
		Storage Service - Interruptible				
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV)				
2.06		Minimum		0.4026	0.0000	0.4026
2.07		Maximum		2.0130	0.0000	2.0130
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Daily Withdrawal)				
2.08		Minimum		35.6219	0.0000	35.6219
2.09		Maximum		178.1096	0.0000	178.1096
		Commodity Charge				
2.10		Minimum		1.0046	(0.0628)	0.9418
2.11		Maximum		5.0230	(0.3140)	4.7090
		Storage Service - Off Peak				
		Commodity Charge				
2.12		Minimum		0.3836	(0.0203)	0.3633
2.13		Maximum		41.5520	(0.3140)	41.2380
<hr/>						
RATE 331 Tecumseh Transmission Service						
		Firm				
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of				
3.00		Maximum Contracted Daily Delivery)		5.6430	0.0000	5.6430
		Interruptible				
3.01		Commodity Charge (\$/10 <sup>3</sup> m <sup>3</sup> of gas delivered)		0.2230	0.0000	0.2230

NOTE : \* Cents unless otherwise noted.

CALCULATION OF GAS SUPPLY CHARGES BY RATE CLASS

Item	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
	TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200	REFERENCE
<b>DERIVATION OF GAS SUPPLY CHARGE</b>												
<b>GAS SUPPLY COSTS (\$000)</b>												
1.1 Annual Commodity	743,767	429,450	292,443	-	-	5,277	-	419	803	3,230	12,145	G2 T5 S3 1.1
1.2 Bad Debt Commodity	3,345	1,594	1,750	-	-	-	-	0	0	-	-	G2 T5 S3 1.2
1.3 System Gas Fee	1,548	894	609	-	-	11	-	1	2	7	25	G2 T5 S3 1.3
1.4 Return on Rate Base - Working Cash	1,720	993	676	-	-	12	-	1	2	7	28	G2 T5 S2 1.1
1 Total Commodity Costs	750,379	432,929	295,478	-	-	5,300	-	421	807	3,244	12,198	
<b>VOLUMES (103 m3)</b>												
2.1 System and Buy/Sell Volumes	7,938,398	4,583,611	3,121,315	-	-	56,322	-	4,473	8,575	34,475	129,627	
2.2 System Volumes	7,938,398	4,583,611	3,121,315	-	-	56,322	-	4,473	8,575	34,475	129,627	
<b>GAS SUPPLY CHARGE SYSTEM (¢/m<sup>3</sup>)</b>												
3.1 Annual Commodity	9.3692	9.3692	9.3692	-	-	9.3692	-	9.3692	9.3692	9.3692	9.3691	1.1 / 2.1
3.2 Bad Debt Commodity	0.0421	0.0348	0.0561	-	-	-	-	0.0070	0.0036	-	-	1.2 / 2.1
3.3 System Gas Fee	0.0195	0.0195	0.0195	-	-	0.0195	-	0.0195	0.0195	0.0195	0.0195	1.3 / 2.2
3.4 Return on Rate Base - Working Cash	0.0217	0.0217	0.0217	-	-	0.0217	-	0.0217	0.0217	0.0217	0.0217	1.4 / 2.1
3 System Gas Supply Charge	9.4525	9.4452	9.4665	-	-	9.4104	9.4104	9.4174	9.4140	9.4104	9.4103	
<b>GAS SUPPLY CHARGE BUY/SELL(¢/m3)</b>												
4.1 Annual Commodity	9.3692	9.3692	9.3692	-	-	9.3692	-	9.3692	9.3692	9.3692	9.3691	1.1 / 2.1
4.2 Bad Debt Commodity	0.0421	0.0348	0.0561	-	-	-	-	0.0070	0.0036	-	-	1.2 / 2.1
4.3 Return on Rate Base - Working Cash	0.0217	0.0217	0.0217	-	-	0.0217	-	0.0217	0.0217	0.0217	0.0217	1.4 / 2.1
4 Buy/Sell Gas Supply Charge	9.4330	9.4257	9.4470	-	-	9.3909	9.3909	9.3979	9.3945	9.3909	9.3908	

[illegible]

SUPPORTING CALCULATION OF GAS SUPPLY COSTS BY RATE CLASS

Item	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
	TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200
1 EB-2017-0347 Gas Supply Charge €/m <sup>3</sup>		10.0943	10.1156	10.0594	10.1156	10.0595	10.0595	10.0665	10.0632	10.0595	10.0595
2 EB-2017-0086 Sales Volume '000 m <sup>3</sup>	7,938,398	4,583,611	3,121,315	-	-	56,322	-	4,473	8,575	34,475	129,627
3 Gas Supply Charge Revenue \$'000	801,910	462,683	315,740	-	-	5,666	-	450	863	3,468	13,040
Less											
4 Commodity Cost Change <sup>(1)</sup>	(51,474)	(29,721)	(20,239)	-	-	(365)	-	(29)	(56)	(224)	(841)
5 Working Cash Commodity Change <sup>(2)</sup>	(59)	(34)	(23)	-	-	(0)	-	(0)	(0)	(0)	(1)
6 Gas Supply Costs underpinning EB-2018-0090 rates	750,379	432,930	295,478	-	-	5,300	-	421	807	3,244	12,198
7 Gas Supply Charge		9,4452	9,4665	0.0000	-	9,4104	-	9,4174	9,4140	9,4104	9,4103

Notes:

- (1) Q2-1, Tab 3, Sch. 2, Item 1.1  
(2) Q2-1, Tab 3, Sch. 2, Item 2.1

**CALCULATION OF SEASONAL CREDIT FOR RATE 135, 145, 170 & 200**

		<b>Reference</b>
<b>RATE 135</b>		
Seasonal Credits Applicable to Rate 135	\$ (543)	H2T5S1 P5 line 2.3
Annual Volume (103 m3)	64,501	
Mean Daily Volume (103 m3)	177	
Annual Seasonal Credits	\$ (3.08)	
Payable from December to March	\$ (0.77)	
<b>RATE 145</b>		
Seasonal Credits Applicable to Rate 145	\$ (275)	H2T5S1 P6 line 2.3
Annual Volume (103 m3)	50,136	
Mean Daily Volume (103 m3)		
16 Hours	137	
Annual Seasonal Credits		
16 Hours	\$ (2.00)	
Payable from December to March	\$ (0.50)	
Seasonal Credits Applicable to Rate 145		
16 Hours	\$ (275)	
<b>RATE 170</b>		
Seasonal Credits Applicable to Rate 170	\$ (3,510)	H2T5S1 P6 line 7.3
Annual Volume (103 m3)	291,152	
Mean Daily Volume (103 m3)	798	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	
<b>RATE 200</b>		
Seasonal Credits Applicable to Rate 200	\$ (177)	H2T5S1 P7 line 2.3
Annual Volume (103 m3)	14,672	
Mean Daily Volume (103 m3)	40	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	

DETAILED REVENUE CALCULATION

EB-2017-0347 vs EB-2018-0090

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
				EB-2017-0347			Proposed EB-2018-0090	
Item No.		<u>Rate Block</u> m³	<u>Bills &amp; Volumes</u> 10³ m³	<u>Rate</u> cents*	<u>Revenues</u> \$000	<u>Rate Change</u> cents*	<u>Rate</u> cents*	<u>Revenues</u> \$000
<b><u>RATE 1</u></b>								
1.1	Customer Charge	Bills	24,180,918	\$20.00	483,618	\$0.00	\$20.00	483,618
1.2	Delivery Charge	first 30	683,684	9.5999	65,633	(0.0178)	9.5821	65,511
1.3		next 55	952,254	8.9814	85,526	(0.0167)	8.9647	85,367
1.4		next 85	1,061,774	8.4971	90,220	(0.0158)	8.4813	90,053
1.5		over 170	2,052,520	8.1361	166,995	(0.0151)	8.1210	166,684
1.	Total Distribution Charge		4,750,232		891,993			891,234
2.1	Gas Supply Load Balancing		4,750,232	1.6928	80,412	(0.1950)	1.4978	71,149
2.2	Gas Supply Transportation		4,634,556	5.4357	251,921	(0.6832)	4.7525	220,257
2.3	Gas Supply Transportation Dawn		82,881	1.1650	966	(0.1246)	1.0404	862
3.1	Gas Supply Commodity - System		4,583,611	10.0943	462,683	(0.6491)	9.4452	432,931
3.2	Gas Supply Commodity - Buy/Sell		0	10.0748	0	(0.6491)	9.4257	0
3.	Total Gas Supply Charge		4,583,611		462,683			432,931
4.1	TOTAL DISTRIBUTION		4,750,232		891,993			891,234
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,750,232		333,298			292,269
4.3	TOTAL GAS SUPPLY COMMODITY		4,583,611		462,683			432,931
4.	TOTAL RATE 1		<b>4,750,232</b>		1,687,974			1,616,434
5.	Adj. Factor	0.9999						
6.	ADJUSTED REVENUE				<b>1,687,875</b>			<b>1,616,338</b>
7.	REVENUE INC./ (DEC.)							<b>(71,536)</b>

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0347 vs EB-2018-0090

Item No.	Col. 1		Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
				EB-2017-0347			Proposed EB-2018-0090	
	<u>Rate Block</u> m <sup>3</sup>	<u>Bills &amp; Volumes</u> 10 <sup>3</sup> m <sup>3</sup>		<u>Rate</u> cents*	<u>Revenues</u> \$000	<u>Rate</u> Change cents*	<u>Rate</u> cents*	<u>Revenues</u> \$000
<b><u>RATE 6</u></b>								
1.1	Customer Charge	Bills	2,010,770	\$70.00	140,754	\$0.00	\$70.00	140,754
1.2	Delivery Charge	First 500	553,026	8.9910	49,723	(0.0292)	8.9619	49,561
1.3		Next 1050	621,905	6.8734	42,746	(0.0223)	6.8511	42,607
1.4		Next 4500	1,100,364	5.3904	59,315	(0.0175)	5.3730	59,122
1.5		Next 7000	715,237	4.4377	31,740	(0.0144)	4.4233	31,637
1.6		Next 15250	649,900	4.0143	26,089	(0.0130)	4.0013	26,005
1.7		Over 28300	1,189,326	3.9080	46,479	(0.0127)	3.8953	46,328
1.	Total Distribution Charge		4,829,758		396,845			396,015
2.1	Gas Supply Load Balancing		4,829,758	1.5675	75,706	(0.1794)	1.3881	67,042
2.2	Gas Supply Transportation		3,620,680	5.4357	196,809	(0.6832)	4.7525	172,073
2.3	Gas Supply Transportation Dawn		895,132	1.1650	10,428	(0.1246)	1.0404	9,313
3.1	Gas Supply Commodity - System		3,121,315	10.1156	315,740	(0.6491)	9.4665	295,479
3.2	Gas Supply Commodity - Buy/Sell		0	10.0961	0	(0.6491)	9.4470	0
3.	Total Gas Supply Charge		3,121,315		315,740			295,479
4.1	TOTAL DISTRIBUTION		4,829,758		396,845			396,015
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,829,758		282,944			248,428
4.3	TOTAL GAS SUPPLY COMMODITY		3,121,315		315,740			295,479
4.	TOTAL RATE 6		<b>4,829,758</b>		995,529			939,922
5.	Adj. Factor	1.000						
6.	ADJUSTED REVENUE				<b>995,470</b>			<b>939,867</b>
7.	REVENUE INC./(DEC.)							<b>(55,605)</b>

NOTE \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0347 vs EB-2018-0090

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	<u>Rate Block</u> m³	<u>Bills &amp; Volumes</u> 10³ m³	<u>EB-2017-0347</u> <u>Rate</u> <u>Revenues</u> cents*      \$000		<u>Rate</u> <u>Change</u> cents*	<u>Proposed</u> <u>EB-2018-0090</u> <u>Rate</u> <u>Revenues</u> cents*      \$000		
<b><u>RATE 9</u></b>								
1.1	Customer Charge	Bills	0	\$235.95	0	\$0.00	\$235.95	0
1.2	Delivery Charge	first 20000	0	11.5864	0	(0.3384)	11.2480	0
1.3		over 20000	<u>0</u>	<u>10.8451</u>	<u>0</u>	<u>(0.3168)</u>	<u>10.5283</u>	<u>0</u>
1.	Total Distribution Charge		0		0			0
2.1	Gas Supply Load Balancing		0	0.0191	0	(0.0015)	0.0176	0
2.2	Gas Supply Transportation		0	5.4357	0	(0.6832)	4.7525	0
2.3	Gas Supply Transportation Dawn		0	1.1650	0	(0.1246)	1.0404	0
3.1	Gas Supply Commodity - System		0	10.0594	0	(0.6491)	9.4103	0
3.2	Gas Supply Commodity - Buy/Sell		<u>0</u>	<u>10.0400</u>	<u>0</u>	<u>(0.6491)</u>	<u>9.3909</u>	<u>0</u>
3.	Total Gas Supply Charge		0		0			0
4.1	TOTAL DISTRIBUTION		0		0			0
4.2	TOTAL GAS SUPPLY LOAD BALANCING		0		0			0
4.3	TOTAL GAS SUPPLY COMMODITY		<u>0</u>		<u>0</u>			<u>0</u>
4	TOTAL RATE 9		<u>0</u>		<u>0</u>			<u>0</u>
5.	REVENUE INC./(DEC.)							0

						Proposed		
		Contracts &	EB-2017-0347		Rate	EB-2018-0090		
<u>Rate Block</u>		<u>Volumes</u>	<u>Rate</u>	<u>Revenues</u>	<u>Change</u>	<u>Rate</u>	<u>Revenues</u>	
m³		10³ m³	cents*	\$000	cents*	cents*	\$000	
<b><u>RATE 100</u></b>								
1.1	Customer Charge	Contracts	0	\$122.01	0	\$0.00	\$122.01	0
1.2	Demand Charge		0	\$36.00	0	-	36.00	0
1.3	Delivery Charge	first 14,000	0	0.1776	0	(0.0013)	0.1762	0
1.4		next 28,000	0	0.1776	0	(0.0013)	0.1762	0
1.5		over 42,000	0	0.1776	0	(0.0013)	0.1762	0
1	Total Distribution Charge		0		0			0
2.1	Gas Supply Load Balancing		0	1.5675	0	(0.1794)	1.3881	0
2.2	Gas Supply Transportation		0	5.4357	0	(0.6832)	4.7525	0
2.3	Gas Supply Transportation Dawn		0	1.1650	0	(0.1246)	1.0404	0
3.1	Gas Supply Commodity - System		0	10.1156	0	(0.6491)	9.4665	0
3.2	Gas Supply Commodity - Buy/Sell		0	10.0961	0	(0.6491)	9.4470	0
3	Total Gas Supply Charge		0		0			0
4.1	TOTAL DISTRIBUTION		0		0			0
4.2	TOTAL GAS SUPPLY LOAD BALANCING		0		0			0
4.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
4	TOTAL RATE 100		0		0			0
5	REVENUE INC./(DEC.)							0

NOTE \* Cents unless otherwise noted.



**DETAILED REVENUE CALCULATION**

**EB-2017-0347 vs EB-2018-0090**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	Rate Block m³	Contracts & Volumes 10³ m³	EB-2017-0347 Rate Revenues cents* \$000		Rate Change cents*	Proposed EB-2018-0090 Rate Revenues cents* \$000		
RATE 110								
1.1	Customer Charge	Contracts	3,180	\$587.37	1,868	\$0.00	\$587.37	1,868
1.2	Demand Charge		48,218	22.9100	11,047	0.0000	22.9100	11,047
1.3	Delivery Charge	first 1,000,000	639,885	0.8595	5,500	(0.0150)	0.8445	5,404
1.4		over 1,000,000	149,151	0.7095	1,058	(0.0150)	0.6945	1,036
1.	Total Distribution Charge		789,036		19,473			19,354
2.1	Gas Supply Load Balancing		789,036	0.3279	2,587	(0.0365)	0.2914	2,299
2.2	Gas Supply Transportation		216,486	5.4357	11,768	(0.6832)	4.7525	10,288
2.3	Gas Supply Transportation Dawn		474,890	1.1650	5,532	(0.1246)	1.0404	4,941
2.	Total Gas Supply Load Balancing				19,887			17,528
3.1	Gas Supply Commodity - System		56,322	10.0595	5,666	(0.6491)	9.4104	5,300
3.2	Gas Supply Commodity - Buy/Sell		0	10.0401	0	(0.6492)	9.3909	0
3.	Total Gas Supply Charge		56,322		5,666			5,300
4.1	TOTAL DISTRIBUTION		789,036		19,473			19,354
4.2	TOTAL GAS SUPPLY LOAD BALANCING		789,036		19,887			17,528
4.3	TOTAL GAS SUPPLY COMMODITY		56,322		5,666			5,300
4.	TOTAL RATE 110		789,036		45,025			42,183
5.	REVENUE INC./(DEC.)							(2,843)
	Rate Block m³	Contracts & Volumes 10³ m³	EB-2017-0347 Rate Revenues cents* \$000		Rate Change cents*	Proposed EB-2018-0090 Rate Revenues cents* \$000		
RATE 115								
6.6	Customer Charge	Contracts	324	\$622.62	202	\$0.00	\$622.62	202
6.2	Demand Charge		20,166	24.3600	4,912	0.0000	24.3600	4,912
6.3	Delivery Charge	first 1,000,000	170,833	0.4364	745	(0.0129)	0.4235	723
6.4		over 1,000,000	371,998	0.3364	1,251	(0.0129)	0.3235	1,203
6	Total Distribution Charge		542,831		7,111			7,041
7.1	Gas Supply Load Balancing		542,831	0.1175	638	(0.0132)	0.1043	566
7.2	Gas Supply Transportation		11,292	5.4357	614	(0.6832)	4.7525	537
7.3	Gas Supply Transportation Dawn		362,012	1.1650	4,217	(0.1246)	1.0404	3,766
7	Total Gas Supply Load Balancing				5,469			4,869
8.1	Gas Supply Commodity - System		0	10.0595	0	(0.6491)	9.4104	0
8.2	Gas Supply Commodity - Buy/Sell		0	10.0401	0	(0.6492)	9.3909	0
8.	Total Gas Supply Charge		0		0			0
9.1	TOTAL DISTRIBUTION		542,831		7,111			7,041
9.2	TOTAL GAS SUPPLY LOAD BALANCING		542,831		5,469			4,869
9.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
9.	TOTAL RATE 115		542,831		12,580			11,910
10.	REVENUE INC./(DEC.)							(669)

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATIONEB-2017-0347 vs EB-2018-0090

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Rate Block m <sup>3</sup>	Contracts & Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-2017-0347 Rate cents*	Revenues \$000	Rate Change cents*	Proposed EB-2018-0090 Rate cents*	Revenues \$000
<b>RATE 125</b>							
1.1	Customer Charge	48	\$ 500.00	24	\$ -	\$ 500.00	24
1.2	Demand Charge	111,124	9.8840	10,984	-	9.8840	10,984
1.	Total Distribution Charge	<u>111,124</u>		<u>11,008</u>			<u>11,008</u>
2.	REVENUE INC./(DEC.)						0
Item No.	Rate Block m <sup>3</sup>	Contracts & Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-2017-0347 Rate cents*	Revenues \$000	Rate Change cents*	Proposed EB-2018-0090 Rate cents*	Revenues \$000
<b>RATE 135</b>							
1.1	DEC to MAR Customer Charge	Contracts 172	\$115.08	20	\$0.00	\$115.08	20
1.2	Delivery Charge	first 14,000	664	7.1641	48 (0.0132)	7.1509	48
1.3		next 28,000	1,026	5.9641	61 (0.0132)	5.9509	61
1.4		over 42,000	2,010	5.5641	112 (0.0132)	5.5509	112
1.	Total Distribution Charge	<u>3,701</u>		<u>240</u>			<u>240</u>
2.1	Gas Supply Load Balancing	3,701	0.0000	0	0.0000	0.0000	0
2.2	Gas Supply Transportation	862	5.4357	47	(0.6832)	4.7525	41
2.3	Gas Supply Transportation Dawn	2,307	1.1650	27	(0.1246)	1.0404	24
2.4	Seasonal Credit			(543)			(543)
3.1	Gas Supply Commodity - System	125	10.0665	13	(0.6491)	9.4174	12
3.2	Gas Supply Commodity - Buy/Sell	<u>0</u>	10.0470	<u>0</u>	(0.6491)	9.3979	<u>0</u>
3.	Total Gas Supply Charge	<u>125</u>		<u>13</u>			<u>12</u>
4.	SUB-TOTAL WINTER			-217			-227
<b>APR to NOV</b>							
5.1	Customer Charge	Contracts 344	\$115.08	40	\$0.00	\$115.08	40
5.2	Delivery Charge	first 14,000	4,514	2.4641	111 (0.0132)	2.4509	111
5.3		next 28,000	8,724	1.7641	154 (0.0132)	1.7509	153
5.4		over 42,000	47,562	1.5641	744 (0.0132)	1.5509	738
5.	Total Distribution Charge	<u>60,801</u>		<u>1,049</u>			<u>1,041</u>
6.1	Gas Supply Load Balancing	60,801	0.0000	0	0.0000	0.0000	0
6.2	Gas Supply Transportation	18,001	5.4357	978	(0.6832)	4.7525	855
6.3	Gas Supply Transportation Dawn	37,333	1.1650	435	(0.1246)	1.0404	388
7.1	Gas Supply Commodity - System	4,349	10.0665	438	(0.6491)	9.4174	410
7.2	Gas Supply Commodity - Buy/Sell	<u>0</u>	10.0470	<u>0</u>	(0.6491)	9.3979	<u>0</u>
7.	Total Gas Supply Charge	<u>4,349</u>		<u>438</u>			<u>410</u>
8.	SUB-TOTAL SUMMER			2,900			2,694
9.1	TOTAL DISTRIBUTION	64,501		1,289			1,281
9.2	TOTAL GAS SUPPLY LOAD BALANCING	64,501		944			765
9.3	TOTAL GAS SUPPLY COMMODITY	4,473		450			421
9.	TOTAL RATE 135	<u>64,501</u>		<u>2,683</u>			<u>2,467</u>
10.	REVENUE INC./(DEC.)						(216)

NOTE \* Cents unless otherwise noted.

**DETAILED REVENUE CALCULATION**

**EB-2017-0347 vs EB-2018-0090**

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Rate Block m³	Contracts & Volumes 10³ m³	EB-2017-0347 Rate cents*	Revenues \$000	Rate Change cents*	Proposed EB-2018-0090 Rate cents*	Revenues \$000
<b>RATE 145</b>							
1.1	Customer Charge	Contracts	432	\$123.34	53	\$0.00	\$123.34
1.2	Demand Charge		9,242	8.2300	761	-	8.2300
1.2	Delivery Charge	first 14,000	5,143	3.0077	155	(0.0125)	2.9952
1.3		next 28,000	9,200	1.6487	152	(0.0125)	1.6362
1.4		over 42,000	35,793	1.0897	390	(0.0125)	1.0772
1.	Total Distribution Charge		50,136		1,510		1,504
2.1	Gas Supply Load Balancing	50,136	0.7275	365	(0.0803)	0.6472	324
2.2	Gas Supply Transportation	10,692	5.4357	581	(0.6832)	4.7525	508
2.3	Gas Supply Transportation Dawn	25,167	1.1650	293	(0.1246)	1.0404	262
2.4	Curtailment Credit			(275)			(275)
3.1	Gas Supply Commodity - System	8,575	10.0632	863	(0.6492)	9.4140	807
3.2	Gas Supply Commodity - Buy/Sell	0	10.0437	0	(0.6492)	9.3945	0
3.	Total Gas Supply Charge	8,575		863			807
4.1	TOTAL DISTRIBUTION	50,136		1,510			1,504
4.2	TOTAL GAS SUPPLY LOAD BALANCING	50,136		964			820
4.3	TOTAL GAS SUPPLY COMMODITY	8,575		863			807
4.	TOTAL RATE 145	50,136		3,338			3,131
5.	REVENUE INC./(DEC.)						(206)
<b>RATE 170</b>							
6.6	Customer Charge	Contracts	300	\$279.31	84	\$0.00	\$279.31
6.2	Demand Charge		32,846	4.0900	1,343	0.0000	4.0900
6.3	Delivery Charge	first 1,000,000	193,825	0.5572	1,080	(0.0140)	0.5433
6.4		over 1,000,000	97,328	0.3572	348	(0.0140)	0.3433
6.	Total Distribution Charge		291,152		2,855		2,814
7.1	Gas Supply Load Balancing	291,152	0.3184	927	(0.0353)	0.2831	824
7.2	Gas Supply Transportation	42,446	5.4357	2,307	(0.6832)	4.7525	2,017
7.3	Gas Supply Transportation Dawn	171,438	1.1650	1,997	(0.1246)	1.0404	1,784
7.4	Curtailment Credit			(3,510)			(3,510)
8.1	Gas Supply Commodity - System	34,475	10.0595	3,468	(0.6491)	9.4104	3,244
8.2	Gas Supply Commodity - Buy/Sell	0	10.0401	0	(0.6492)	9.3909	0
8.	Total Gas Supply Charge	34,475		3,468			3,244
9.1	TOTAL DISTRIBUTION	291,152		2,855			2,814
9.2	TOTAL GAS SUPPLY LOAD BALANCING	291,152		1,722			1,115
9.3	TOTAL GAS SUPPLY COMMODITY	34,475		3,468			3,244
9.	TOTAL RATE 170	291,152		8,045			7,174
10.	REVENUE INC./(DEC.)						(871)

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0347 vs EB-2018-0090

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	<u>Rate Block</u> m³	<u>Contracts &amp; Volumes</u> 10³ m³	<u>EB-2017-0347</u> <u>Rate</u> <u>Revenues</u> cents*      \$000		<u>Rate Change</u> cents*	<u>Proposed EB-2018-0090</u> <u>Rate</u> <u>Revenues</u> cents*      \$000		
<b><u>RATE 200</u></b>								
1.1	Customer Charge	Contracts	12	\$0.00	0	\$0.00	0	
1.2	Demand Charge		14,801	14.7000	2,176	0.0000	14.7000	2,176
1.3	Delivery Charge		169,764	1.2448	2,113	(0.0162)	1.2286	2,086
1.	Total Distribution Charge		169,764		4,289			4,261
2.1	Gas Supply Load Balancing		169,764	1.4739	2,502	(0.1660)	1.3079	2,220
2.2	Gas Supply Transportation		129,627	5.4357	7,046	(0.6832)	4.7525	6,161
2.3	Gas Supply Transportation Dawn		40,137	1.1650	468	(0.1246)	1.0404	418
2.4	Curtailment Credit				(177)			(177)
3.1	Gas Supply Commodity - System		129,627	10.0595	13,040	(0.6492)	9.4103	12,198
3.2	Gas Supply Commodity - Buy/Sell		0	10.0400	0	(0.6492)	9.3908	0
3.	Total Gas Supply Charge		129,627		13,040			12,198
4.1	TOTAL DISTRIBUTION		169,764		4,289			4,261
4.2	TOTAL GAS SUPPLY LOAD BALANCING		169,764		9,839			8,622
4.3	TOTAL GAS SUPPLY COMMODITY		129,627		13,040			12,198
4.	TOTAL RATE 200		169,764		27,168			25,081
5.	REVENUE INC./(DEC.)							(2,087)
<b><u>RATE 300</u></b>								
<b><u>Firm</u></b>								
	Customer Charge		12	\$500.00	6	0.0000	\$500.00	6
	Demand Charge		187	26.6881	50	0.0000	26.6881	50
<b><u>Interruptible</u></b>								
	Minimum Delivery Charge		0	0.3899	0	0.0000	0.3899	0
	Maximum Delivery Charge		0	1.0529	0	0.0000	1.0529	0
8.	TOTAL RATE 300		0		56			56
9.	REVENUE INC./(DEC.)							0

NOTE: \* Cents unless otherwise noted.

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m³ vs (B) EB-2017-0347 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Heating & Water Htg.							Heating, Water Htg. & Other Uses						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
1.1	VOLUME	m³	3,064	3,064	0	0.0%		4,691	4,691	0	0.0%		
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
1.3	DISTRIBUTION CHG.	\$	261.88	262.28	(0.40)	-0.2%		394.75	395.38	(0.63)	-0.2%		
1.4	LOAD BALANCING	\$	191.53	218.43	(26.90)	-12.3%		293.20	334.40	(41.20)	-12.3%		
1.5	SALES COMMDTY	\$	289.41	309.30	(19.89)	-6.4%		443.06	473.53	(30.47)	-6.4%		
1.6	TOTAL SALES	\$	982.82	1,030.01	(47.19)	-4.6%		1,371.01	1,443.31	(72.30)	-5.0%		
1.7	TOTAL T-SERVICE	\$	693.41	720.71	(27.30)	-3.8%		927.95	969.78	(41.83)	-4.3%		
1.8	SALES UNIT RATE	\$/m³	0.3208	0.3362	(0.0154)	-4.6%		0.2923	0.3077	(0.0154)	-5.0%		
1.9	T-SERVICE UNIT RATE	\$/m³	0.2263	0.2352	(0.0089)	-3.8%		0.1978	0.2067	(0.0089)	-4.3%		
1.10	SALES UNIT RATE	\$/GJ	8.349	8.750	(0.4009)	-4.6%		7.607	8.008	(0.4012)	-5.0%		
1.11	T-SERVICE UNIT RATE	\$/GJ	5.890	6.122	(0.2319)	-3.8%		5.149	5.381	(0.2321)	-4.3%		
Heating Only							Heating & Water Htg.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
2.1	VOLUME	m³	1,955	1,955	0	0.0%		2,005	2,005	0	0.0%		
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
2.3	DISTRIBUTION CHG.	\$	167.98	168.23	(0.25)	-0.1%		174.82	175.07	(0.25)	-0.1%		
2.4	LOAD BALANCING	\$	122.21	139.37	(17.16)	-12.3%		125.33	142.92	(17.59)	-12.3%		
2.5	SALES COMMDTY	\$	184.63	197.34	(12.71)	-6.4%		189.38	202.39	(13.01)	-6.4%		
2.6	TOTAL SALES	\$	714.82	744.94	(30.12)	-4.0%		729.53	760.38	(30.85)	-4.1%		
2.7	TOTAL T-SERVICE	\$	530.19	547.60	(17.41)	-3.2%		540.15	557.99	(17.84)	-3.2%		
2.8	SALES UNIT RATE	\$/m³	0.3656	0.3810	(0.0154)	-4.0%		0.3639	0.3792	(0.0154)	-4.1%		
2.9	T-SERVICE UNIT RATE	\$/m³	0.2712	0.2801	(0.0089)	-3.2%		0.2694	0.2783	(0.0089)	-3.2%		
2.10	SALES UNIT RATE	\$/GJ	9.517	9.918	(0.4010)	-4.0%		9.470	9.871	(0.4005)	-4.1%		
2.11	T-SERVICE UNIT RATE	\$/GJ	7.059	7.291	(0.2318)	-3.2%		7.012	7.244	(0.2316)	-3.2%		

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m³ vs (B) EB-2017-0347 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Heating, Pool Htg. & Other Uses							General & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	424.53	425.21	(0.68)	-0.2%	98.72	98.84	(0.12)	-0.1%
3.4	LOAD BALANCING	§ \$	315.54	359.86	(44.32)	-12.3%	67.57	77.05	(9.48)	-12.3%
3.5	SALES COMMDTY	\$	476.78	509.57	(32.79)	-6.4%	102.10	109.12	(7.02)	-6.4%
3.6	TOTAL SALES	\$	1,456.85	1,534.64	(77.79)	-5.1%	508.39	525.01	(16.62)	-3.2%
3.7	TOTAL T-SERVICE	\$	980.07	1,025.07	(45.00)	-4.4%	406.29	415.89	(9.60)	-2.3%
3.8	SALES UNIT RATE	\$/m³	0.2886	0.3040	(0.0154)	-5.1%	0.4703	0.4857	(0.0154)	-3.2%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1942	0.2031	(0.0089)	-4.4%	0.3758	0.3847	(0.0089)	-2.3%
3.10	SALES UNIT RATE	\$/GJ	7.657	8.066	(0.4089)	-5.1%	12.478	12.886	(0.4079)	-3.2%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.151	5.388	(0.2365)	-4.4%	9.972	10.208	(0.2356)	-2.3%
Heating & Water Htg.							Heating & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	213.86	214.16	(0.30)	-0.1%	207.00	207.32	(0.32)	-0.2%
3.4	LOAD BALANCING	§ \$	155.03	176.78	(21.75)	-12.3%	150.03	171.08	(21.05)	-12.3%
3.5	SALES COMMDTY	\$	234.26	250.33	(16.07)	-6.4%	226.70	242.27	(15.57)	-6.4%
3.6	TOTAL SALES	\$	843.15	881.27	(38.12)	-4.3%	823.73	860.67	(36.94)	-4.3%
3.7	TOTAL T-SERVICE	\$	608.89	630.94	(22.05)	-3.5%	597.03	618.40	(21.37)	-3.5%
3.8	SALES UNIT RATE	\$/m³	0.3400	0.3554	(0.0154)	-4.3%	0.3432	0.3586	(0.0154)	-4.3%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2455	0.2544	(0.0089)	-3.5%	0.2488	0.2577	(0.0089)	-3.5%
3.10	SALES UNIT RATE	\$/GJ	9.020	9.428	(0.4078)	-4.3%	9.106	9.515	(0.4084)	-4.3%
3.11	T-SERVICE UNIT RATE	\$/GJ	6.514	6.750	(0.2359)	-3.5%	6.600	6.836	(0.2362)	-3.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Commercial Heating & Other Uses							Com. Htg., Air Cond'ng & Other Uses			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
1.1	VOLUME	m³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,533.22	1,538.24	(5.02)	-0.3%	1,967.23	1,973.64	(6.41)	-0.3%
1.4	LOAD BALANCING	\$	1,388.15	1,583.14	(194.99)	-12.3%	1,797.86	2,050.40	(252.54)	-12.3%
1.5	SALES COMMDTY	\$	2,140.00	2,286.75	(146.75)	-6.4%	2,771.58	2,961.66	(190.08)	-6.4%
1.6	TOTAL SALES	\$	5,901.37	6,248.13	(346.76)	-5.5%	7,376.67	7,825.70	(449.03)	-5.7%
1.7	TOTAL T-SERVICE	\$	3,761.37	3,961.38	(200.01)	-5.0%	4,605.09	4,864.04	(258.95)	-5.3%
1.8	SALES UNIT RATE	\$/m³	0.2611	0.2764	(0.0153)	-5.5%	0.2520	0.2673	(0.0153)	-5.7%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1664	0.1752	(0.0088)	-5.0%	0.1573	0.1661	(0.0088)	-5.3%
1.10	SALES UNIT RATE	\$/GJ	6.795	7.194	(0.3993)	-5.5%	6.558	6.957	(0.3992)	-5.7%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.331	4.561	(0.2303)	-5.0%	4.094	4.324	(0.2302)	-5.3%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
2.1	VOLUME	m³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,256.71	8,283.62	(26.91)	-0.3%	15,117.45	15,166.73	(49.28)	-0.3%
2.4	LOAD BALANCING	\$	10,412.18	11,874.84	(1,462.66)	-12.3%	20,824.31	23,749.61	(2,925.30)	-12.3%
2.5	SALES COMMDTY	\$	16,051.67	17,152.30	(1,100.63)	-6.4%	32,103.25	34,304.50	(2,201.25)	-6.4%
2.6	TOTAL SALES	\$	35,560.56	38,150.76	(2,590.20)	-6.8%	68,885.01	74,060.84	(5,175.83)	-7.0%
2.7	TOTAL T-SERVICE	\$	19,508.89	20,998.46	(1,489.57)	-7.1%	36,781.76	39,756.34	(2,974.58)	-7.5%
2.8	SALES UNIT RATE	\$/m³	0.2097	0.2250	(0.0153)	-6.8%	0.2031	0.2184	(0.0153)	-7.0%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1151	0.1238	(0.0088)	-7.1%	0.1085	0.1172	(0.0088)	-7.5%
2.10	SALES UNIT RATE	\$/GJ	5.459	5.856	(0.3976)	-6.8%	5.287	5.684	(0.3972)	-7.0%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.995	3.223	(0.2287)	-7.1%	2.823	3.051	(0.2283)	-7.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8
Industrial General Use							Industrial Heating & Other Uses				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	43,285	43,285	0	0.0%		63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%		840.00	840.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,718.17	2,727.04	(8.87)	-0.3%		3,645.61	3,657.49	(11.88)	-0.3%
3.4	LOAD BALANCING	\$	2,657.97	3,031.32	(373.35)	-12.3%		3,924.01	4,475.24	(551.23)	-12.3%
3.5	SALES COMMDTY	\$	4,097.57	4,378.54	(280.97)	-6.4%		6,049.38	6,464.17	(414.79)	-6.4%
3.6	TOTAL SALES	\$	10,313.71	10,976.90	(663.19)	-6.0%		14,459.00	15,436.90	(977.90)	-6.3%
3.7	TOTAL T-SERVICE	\$	6,216.14	6,598.36	(382.22)	-5.8%		8,409.62	8,972.73	(563.11)	-6.3%
3.8	SALES UNIT RATE	\$/m³	0.2383	0.2536	(0.0153)	-6.0%		0.2263	0.2416	(0.0153)	-6.3%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1436	0.1524	(0.0088)	-5.8%		0.1316	0.1404	(0.0088)	-6.3%
3.10	SALES UNIT RATE	\$/GJ	6.202	6.601	(0.3988)	-6.0%		5.889	6.288	(0.3983)	-6.3%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.738	3.968	(0.2298)	-5.8%		3.425	3.655	(0.2294)	-6.3%
Medium Industrial Customer							Large Industrial Customer				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
4.1	VOLUME	m³	169,563	169,563	0	0.0%		339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%		840.00	840.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,455.25	8,482.81	(27.56)	-0.3%		15,265.18	15,314.96	(49.78)	-0.3%
4.4	LOAD BALANCING	\$	10,412.21	11,874.82	(1,462.61)	-12.3%		20,824.24	23,749.52	(2,925.28)	-12.3%
4.5	SALES COMMDTY	\$	16,051.67	17,152.30	(1,100.63)	-6.4%		32,103.19	34,304.42	(2,201.23)	-6.4%
4.6	TOTAL SALES	\$	35,759.13	38,349.93	(2,590.80)	-6.8%		69,032.61	74,208.90	(5,176.29)	-7.0%
4.7	TOTAL T-SERVICE	\$	19,707.46	21,197.63	(1,490.17)	-7.0%		36,929.42	39,904.48	(2,975.06)	-7.5%
4.8	SALES UNIT RATE	\$/m³	0.2109	0.2262	(0.0153)	-6.8%		0.2036	0.2188	(0.0153)	-7.0%
4.9	T-SERVICE UNIT RATE	\$/m³	0.1162	0.1250	(0.0088)	-7.0%		0.1089	0.1177	(0.0088)	-7.5%
4.10	SALES UNIT RATE	\$/GJ	5.489	5.887	(0.3977)	-6.8%		5.298	5.696	(0.3973)	-7.0%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.025	3.254	(0.2287)	-7.0%		2.834	3.063	(0.2283)	-7.5%

§ The Load Balancing Charge shown here includes proposed transportation charges



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 100 - Small Commercial Firm							Rate 100 - Average Commercial Firm			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464.12	1,464.12	0.00	0.0%	1,464.12	1,464.12	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	13,527.49	13,532.06	(4.57)	0.0%	65,854.80	65,862.88	(8.08)	0.0%
1.4	LOAD BALANCING	\$	20,828.18	23,754.02	(2,925.83)	-12.3%	36,755.61	41,918.84	(5,163.23)	-12.3%
1.5	SALES COMMDTY	\$	32,109.25	34,310.91	(2,201.66)	-6.4%	56,663.35	60,548.63	(3,885.28)	-6.4%
1.6	TOTAL SALES	\$	67,929.04	73,061.11	(5,132.06)	-7.0%	160,737.88	169,794.47	(9,056.59)	-5.3%
1.7	TOTAL T-SERVICE	\$	35,819.79	38,750.20	(2,930.40)	-7.6%	104,074.53	109,245.84	(5,171.31)	-4.7%
1.8	SALES UNIT RATE	\$/m³	0.2003	0.2154	(0.0151)	-7.0%	0.2685	0.2837	(0.0151)	-5.3%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1056	0.1142	(0.0086)	-7.6%	0.1739	0.1825	(0.0086)	-4.7%
1.10	SALES UNIT RATE	\$/GJ	5.2126	5.6065	(0.3938)	-7.0%	6.9895	7.3833	(0.3938)	-5.3%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.7487	2.9736	(0.2249)	-7.6%	4.5256	4.7505	(0.2249)	-4.7%
Rate 100 - Large Industrial Firm										
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,464.12	1,464.12	0.00	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,243.36	132,263.54	(20.18)	0.0%				
2.4	LOAD BALANCING	\$	92,108.99	105,047.99	(12,939.00)	-12.3%				
2.5	SALES COMMDTY	\$	141,997.52	151,734.02	(9,736.50)	-6.4%				
2.6	TOTAL SALES	\$	367,813.99	390,509.67	(22,695.68)	-5.8%				
2.7	TOTAL T-SERVICE	\$	225,816.47	238,775.65	(12,959.18)	-5.4%				
2.8	SALES UNIT RATE	\$/m³	0.2452	0.2603	(0.0151)	-5.8%				
2.9	T-SERVICE UNIT RATE	\$/m³	0.1505	0.1592	(0.0086)	-5.4%				
2.10	SALES UNIT RATE	\$/GJ	6.3823	6.7762	(0.3938)	-5.8%				
2.11	T-SERVICE UNIT RATE	\$/GJ	3.9184	4.1433	(0.2249)	-5.4%				

# **ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 145 - Small Commercial Interr.							Rate 145 - Average Commercial Interr.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,480.08	1,480.08	0.00	0.0%	1,480.08	1,480.08	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	10,425.90	10,468.37	(42.47)	-0.4%	15,337.54	15,412.48	(74.94)	-0.5%
3.4	LOAD BALANCING	\$	16,454.64	19,044.35	(2,589.71)	-13.6%	29,038.08	33,608.13	(4,570.05)	-13.6%
3.5	SALES COMMDTY	\$	31,931.16	34,133.17	(2,202.01)	-6.5%	56,349.21	60,235.10	(3,885.89)	-6.5%
3.6	TOTAL SALES	\$	60,291.78	65,125.97	(4,834.19)	-7.4%	102,204.91	110,735.79	(8,530.88)	-7.7%
3.7	TOTAL T-SERVICE	\$	28,360.62	30,992.80	(2,632.18)	-8.5%	45,855.70	50,500.69	(4,644.99)	-9.2%
3.8	SALES UNIT RATE	\$/m³	0.1778	0.1920	(0.0143)	-7.4%	0.1707	0.1850	(0.0143)	-7.7%
3.9	T-SERVICE UNIT RATE	\$/m³	0.0836	0.0914	(0.0078)	-8.5%	0.0766	0.0844	(0.0078)	-9.2%
3.10	SALES UNIT RATE	\$/GJ	4.6266	4.9975	(0.3710)	-7.4%	4.4443	4.8152	(0.3710)	-7.7%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.1763	2.3783	(0.2020)	-8.5%	1.9940	2.1960	(0.2020)	-9.2%
Rate 145 - Small Industrial Interr.							Rate 145 - Average Industrial Interr.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
4.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,480.08	1,480.08	0.00	0.0%	1,480.08	1,480.08	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	10,698.70	10,741.16	(42.46)	-0.4%	15,578.99	15,653.90	(74.91)	-0.5%
4.4	LOAD BALANCING	\$	16,454.66	19,044.38	(2,589.72)	-13.6%	29,037.99	33,608.06	(4,570.07)	-13.6%
4.5	SALES COMMDTY	\$	31,931.16	34,133.18	(2,202.02)	-6.5%	56,349.11	60,235.00	(3,885.89)	-6.5%
4.6	TOTAL SALES	\$	60,564.60	65,398.80	(4,834.20)	-7.4%	102,446.17	110,977.04	(8,530.87)	-7.7%
4.7	TOTAL T-SERVICE	\$	28,633.44	31,265.62	(2,632.18)	-8.4%	46,097.06	50,742.04	(4,644.98)	-9.2%
4.8	SALES UNIT RATE	\$/m³	0.1786	0.1928	(0.0143)	-7.4%	0.1712	0.1854	(0.0143)	-7.7%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0844	0.0922	(0.0078)	-8.4%	0.0770	0.0848	(0.0078)	-9.2%
4.10	SALES UNIT RATE	\$/GJ	4.6475	5.0185	(0.3710)	-7.4%	4.4548	4.8257	(0.3710)	-7.7%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.1972	2.3992	(0.2020)	-8.4%	2.0045	2.2065	(0.2020)	-9.2%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 110 - Small Ind. Firm - 50% LF						Rate 110 - Average Ind. Firm - 50% LF				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
5.1	VOLUME	m³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,048.44	7,048.44	0.00	0.0%	7,048.44	7,048.44	0.00	0.0%
5.3	DISTRIBUTION CHG.	\$	14,105.35	14,195.04	(89.69)	-0.6%	231,313.70	232,808.50	(1,494.80)	-0.6%
5.4	LOAD BALANCING	\$	30,191.16	34,499.07	(4,307.91)	-12.5%	503,185.59	574,983.70	(71,798.11)	-12.5%
5.5	SALES COMMDTY	\$	56,327.66	60,212.95	(3,885.29)	-6.5%	938,792.89	1,003,547.89	(64,755.00)	-6.5%
5.6	TOTAL SALES	\$	107,672.61	115,955.50	(8,282.89)	-7.1%	1,680,340.62	1,818,388.53	(138,047.91)	-7.6%
5.7	TOTAL T-SERVICE	\$	51,344.95	55,742.55	(4,397.60)	-7.9%	741,547.73	814,840.64	(73,292.91)	-9.0%
5.8	SALES UNIT RATE	\$/m³	0.1799	0.1937	(0.0138)	-7.1%	0.1684	0.1823	(0.0138)	-7.6%
5.9	T-SERVICE UNIT RATE	\$/m³	0.0858	0.0931	(0.0073)	-7.9%	0.0743	0.0817	(0.0073)	-9.0%
5.10	SALES UNIT RATE	\$/GJ	4.6820	5.0422	-0.3602	-7.1%	4.3841	4.7443	-0.3602	-7.6%
5.11	T-SERVICE UNIT RATE	\$/GJ	2.2327	2.4239	-0.1912	-7.9%	1.9347	2.1260	-0.1912	-9.0%
Rate 110 - Average Ind. Firm - 75% LF						Rate 115 - Large Ind. Firm - 80% LF				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
6.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,048.44	7,048.44	0.00	0.0%	7,471.44	7,471.44	0.00	0.0%
6.3	DISTRIBUTION CHG.	\$	184,355.77	185,850.58	(1,494.81)	-0.8%	936,317.28	945,327.82	(9,010.54)	-1.0%
6.4	LOAD BALANCING	\$	503,185.52	574,983.65	(71,798.13)	-12.5%	3,391,641.86	3,877,957.83	(486,315.97)	-12.5%
6.5	SALES COMMDTY	\$	938,792.80	1,003,547.80	(64,755.00)	-6.5%	6,571,550.51	7,024,835.54	(453,285.03)	-6.5%
6.6	TOTAL SALES	\$	1,633,382.53	1,771,430.47	(138,047.94)	-7.8%	10,906,981.09	11,855,592.63	(948,611.54)	-8.0%
6.7	TOTAL T-SERVICE	\$	694,589.73	767,882.67	(73,292.94)	-9.5%	4,335,430.58	4,830,757.09	(495,326.51)	-10.3%
6.8	SALES UNIT RATE	\$/m³	0.1637	0.1776	(0.0138)	-7.8%	0.1562	0.1698	(0.0136)	-8.0%
6.9	T-SERVICE UNIT RATE	\$/m³	0.0696	0.0770	(0.0073)	-9.5%	0.0621	0.0692	(0.0071)	-10.3%
6.10	SALES UNIT RATE	\$/GJ	4.2616	4.6217	(0.3602)	-7.8%	4.0653	4.4188	(0.3536)	-8.0%
6.11	T-SERVICE UNIT RATE	\$/GJ	1.8122	2.0034	(0.1912)	-9.5%	1.6159	1.8005	(0.1846)	-10.3%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8
Rate 135 - Seasonal Firm							Rate 170 - Average Ind. Interr. - 50% LF				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
7.1	VOLUME	m³	598,567	598,567	0	0.0%		9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,380.96	1,380.96	-	0.0%		3,351.72	3,351.72	-	0.0%
7.3	DISTRIBUTION CHG.	\$	10,707.93	10,787.09	(79.16)	-0.7%		79,254.14	80,645.88	(1,391.74)	-1.7%
7.4	LOAD BALANCING	\$	23,404.18	27,493.58	(4,089.40)	-14.9%		382,097.46	453,775.89	(71,678.43)	-15.8%
7.5	SALES COMMDTY	\$	56,369.45	60,254.76	(3,885.31)	-6.4%		938,792.89	1,003,547.89	(64,755.00)	-6.5%
7.6	TOTAL SALES	\$	91,862.52	99,916.39	(8,053.87)	-8.1%		1,403,496.21	1,541,321.38	(137,825.17)	-8.9%
7.7	TOTAL T-SERVICE	\$	35,493.07	39,661.63	(4,168.56)	-10.5%		464,703.32	537,773.49	(73,070.17)	-13.6%
7.8	SALES UNIT RATE	\$/m³	0.1535	0.1669	(0.0135)	-8.1%		0.1407	0.1545	(0.0138)	-8.9%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0593	0.0663	(0.0070)	-10.5%		0.0466	0.0539	(0.0073)	-13.6%
7.10	SALES UNIT RATE	\$/GJ	3.9946	4.3448	(0.3502)	-8.1%		3.6618	4.0214	(0.3596)	-8.9%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.5434	1.7246	(0.1813)	-10.5%		1.2124	1.4031	(0.1906)	-13.6%

Rate 170 - Average Ind. Interr. - 75% LF							Rate 170 - Large Ind. Interr. - 75% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
8.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,351.72	3,351.72	-	0.0%	3,351.72	3,351.72	-	0.0%
8.3	DISTRIBUTION CHG.	\$	72,069.30	73,461.04	(1,391.74)	-1.9%	388,916.83	398,658.93	(9,742.10)	-2.4%
8.4	LOAD BALANCING	\$	382,097.41	453,775.85	(71,678.44)	-15.8%	2,674,682.32	3,176,431.36	(501,749.04)	-15.8%
8.5	SALES COMMDTY	\$	938,792.80	1,003,547.80	(64,755.00)	-6.5%	6,571,550.51	7,024,835.54	(453,285.03)	-6.5%
8.6	TOTAL SALES	\$	1,396,311.23	1,534,136.41	(137,825.18)	-9.0%	9,638,501.38	10,603,277.55	(964,776.17)	-9.1%
8.7	TOTAL T-SERVICE	\$	457,518.43	530,588.61	(73,070.18)	-13.8%	3,066,950.87	3,578,442.01	(511,491.14)	-14.3%
8.8	SALES UNIT RATE	\$/m³	0.1400	0.1538	(0.0138)	-9.0%	0.1380	0.1518	(0.0138)	-9.1%
8.9	T-SERVICE UNIT RATE	\$/m³	0.0459	0.0532	(0.0073)	-13.8%	0.0439	0.0512	(0.0073)	-14.3%
8.10	SALES UNIT RATE	\$/GJ	3.6430	4.0026	(0.3596)	-9.0%	3.5925	3.9521	(0.3596)	-9.1%
8.11	T-SERVICE UNIT RATE	\$/GJ	1.1937	1.3843	(0.1906)	-13.8%	1.1431	1.3338	(0.1906)	-14.3%

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Heating & Water Htg.							Heating, Water Htg. & Other Uses						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
1.1	VOLUME	m³	3,064	3,064	0	0.0%		4,691	4,691	0	0.0%		
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
1.3	DISTRIBUTION CHG.	\$	364.58	364.98	(0.40)	-0.1%		551.98	552.61	(0.63)	-0.1%		
1.4	LOAD BALANCING	\$ \$	191.53	218.43	(26.90)	-12.3%		293.20	334.40	(41.20)	-12.3%		
1.5	SALES COMMDTY	\$	289.41	309.30	(19.89)	-6.4%		443.06	473.53	(30.47)	-6.4%		
1.6	TOTAL SALES	\$	1,085.52	1,132.71	(47.19)	-4.2%		1,528.24	1,600.54	(72.30)	-4.5%		
1.7	TOTAL T-SERVICE	\$	796.11	823.41	(27.30)	-3.3%		1,085.18	1,127.01	(41.83)	-3.7%		
1.8	SALES UNIT RATE	\$/m³	0.3543	0.3697	(0.0154)	-4.2%		0.3258	0.3412	(0.0154)	-4.5%		
1.9	T-SERVICE UNIT RATE	\$/m³	0.2598	0.2687	(0.0089)	-3.3%		0.2313	0.2403	(0.0089)	-3.7%		
1.10	SALES UNIT RATE	\$/GJ	9.2213	9.6222	(0.4009)	-4.2%		8.4795	8.8806	(0.4012)	-4.5%		
1.11	T-SERVICE UNIT RATE	\$/GJ	6.7628	6.9947	(0.2319)	-3.3%		6.0212	6.2533	(0.2321)	-3.7%		
Heating Only							Heating & Water Htg.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
2.1	VOLUME	m³	1,955	1,955	0	0.0%		2,005	2,005	0	0.0%		
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
2.3	DISTRIBUTION CHG.	\$	233.51	233.76	(0.25)	-0.1%		242.02	242.27	(0.25)	-0.1%		
2.4	LOAD BALANCING	\$ \$	122.21	139.37	(17.16)	-12.3%		125.33	142.92	(17.59)	-12.3%		
2.5	SALES COMMDTY	\$	184.63	197.34	(12.71)	-6.4%		189.38	202.39	(13.01)	-6.4%		
2.6	TOTAL SALES	\$	780.35	810.47	(30.12)	-3.7%		796.73	827.58	(30.85)	-3.7%		
2.7	TOTAL T-SERVICE	\$	595.72	613.13	(17.41)	-2.8%		607.35	625.19	(17.84)	-2.9%		
2.8	SALES UNIT RATE	\$/m³	0.3992	0.4146	(0.0154)	-3.7%		0.3974	0.4128	(0.0154)	-3.7%		
2.9	T-SERVICE UNIT RATE	\$/m³	0.3047	0.3136	(0.0089)	-2.8%		0.3029	0.3118	(0.0089)	-2.9%		
2.10	SALES UNIT RATE	\$/GJ	10.3892	10.7903	(0.4010)	-3.7%		10.3429	10.7434	(0.4005)	-3.7%		
2.11	T-SERVICE UNIT RATE	\$/GJ	7.9312	8.1629	(0.2318)	-2.8%		7.8844	8.1160	(0.2316)	-2.9%		

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Heating, Pool Htg. & Other Uses							General & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	593.73	594.41	(0.68)	-0.1%	134.95	135.07	(0.12)	-0.1%
3.4	LOAD BALANCING	\$ \$	315.54	359.86	(44.32)	-12.3%	67.57	77.05	(9.48)	-12.3%
3.5	SALES COMMDTY	\$	476.78	509.57	(32.79)	-6.4%	102.10	109.12	(7.02)	-6.4%
3.6	TOTAL SALES	\$	1,626.05	1,703.84	(77.79)	-4.6%	544.62	561.24	(16.62)	-3.0%
3.7	TOTAL T-SERVICE	\$	1,149.27	1,194.27	(45.00)	-3.8%	442.52	452.12	(9.60)	-2.1%
3.8	SALES UNIT RATE	\$/m³	0.3221	0.3375	(0.0154)	-4.6%	0.5038	0.5192	(0.0154)	-3.0%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2277	0.2366	(0.0089)	-3.8%	0.4094	0.4182	(0.0089)	-2.1%
3.10	SALES UNIT RATE	\$/GJ	8.3841	8.7852	(0.4011)	-4.6%	13.1133	13.5135	(0.4002)	-3.0%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.9258	6.1578	(0.2320)	-3.8%	10.6550	10.8861	(0.2311)	-2.1%
Heating & Water Htg.							Heating & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	296.98	297.28	(0.30)	-0.1%	287.44	287.76	(0.32)	-0.1%
3.4	LOAD BALANCING	\$ \$	155.03	176.78	(21.75)	-12.3%	150.03	171.08	(21.05)	-12.3%
3.5	SALES COMMDTY	\$	234.26	250.33	(16.07)	-6.4%	226.70	242.27	(15.57)	-6.4%
3.6	TOTAL SALES	\$	926.27	964.39	(38.12)	-4.0%	904.17	941.11	(36.94)	-3.9%
3.7	TOTAL T-SERVICE	\$	692.01	714.06	(22.05)	-3.1%	677.47	698.84	(21.37)	-3.1%
3.8	SALES UNIT RATE	\$/m³	0.3735	0.3889	(0.0154)	-4.0%	0.3767	0.3921	(0.0154)	-3.9%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2790	0.2879	(0.0089)	-3.1%	0.2823	0.2912	(0.0089)	-3.1%
3.10	SALES UNIT RATE	\$/GJ	9.7214	10.1215	(0.4001)	-4.0%	9.8058	10.2064	(0.4006)	-3.9%
3.11	T-SERVICE UNIT RATE	\$/GJ	7.2628	7.4943	(0.2314)	-3.1%	7.3472	7.5790	(0.2318)	-3.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Commercial Heating & Other Uses							Com. Htg., Air Cond'ng & Other Uses			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
1.1	VOLUME	m³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	2,290.93	2,295.95	(5.02)	-0.2%	2,948.57	2,954.98	(6.41)	-0.2%
1.4	LOAD BALANCING	\$ \$	1,388.15	1,583.14	(194.99)	-12.3%	1,797.86	2,050.40	(252.54)	-12.3%
1.5	SALES COMMDTY	\$	2,140.00	2,286.75	(146.75)	-6.4%	2,771.58	2,961.66	(190.08)	-6.4%
1.6	TOTAL SALES	\$	6,659.08	7,005.84	(346.76)	-4.9%	8,358.01	8,807.04	(449.03)	-5.1%
1.7	TOTAL T-SERVICE	\$	4,519.08	4,719.09	(200.01)	-4.2%	5,586.43	5,845.38	(258.95)	-4.4%
1.8	SALES UNIT RATE	\$/m³	0.2946	0.3099	(0.0153)	-4.9%	0.2855	0.3008	(0.0153)	-5.1%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1999	0.2088	(0.0088)	-4.2%	0.1908	0.1997	(0.0088)	-4.4%
1.10	SALES UNIT RATE	\$/GJ	7.6671	8.0664	(0.3993)	-4.9%	7.4303	7.8295	(0.3992)	-5.1%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.2032	5.4335	(0.2303)	-4.2%	4.9663	5.1965	(0.2302)	-4.4%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
2.1	VOLUME	m³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	13,940.15	13,967.06	(26.91)	-0.2%	26,484.29	26,533.57	(49.28)	-0.2%
2.4	LOAD BALANCING	\$ \$	10,412.18	11,874.84	(1,462.66)	-12.3%	20,824.31	23,749.61	(2,925.30)	-12.3%
2.5	SALES COMMDTY	\$	16,051.67	17,152.30	(1,100.63)	-6.4%	32,103.25	34,304.50	(2,201.25)	-6.4%
2.6	TOTAL SALES	\$	41,244.00	43,834.20	(2,590.20)	-5.9%	80,251.85	85,427.68	(5,175.83)	-6.1%
2.7	TOTAL T-SERVICE	\$	25,192.33	26,681.90	(1,489.57)	-5.6%	48,148.60	51,123.18	(2,974.58)	-5.8%
2.8	SALES UNIT RATE	\$/m³	0.2432	0.2585	(0.0153)	-5.9%	0.2366	0.2519	(0.0153)	-6.1%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1486	0.1574	(0.0088)	-5.6%	0.1420	0.1508	(0.0088)	-5.8%
2.10	SALES UNIT RATE	\$/GJ	6.3310	6.7286	(0.3976)	-5.9%	6.1594	6.5566	(0.3972)	-6.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.8671	4.0957	(0.2287)	-5.6%	3.6954	3.9237	(0.2283)	-5.8%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8
Industrial General Use							Industrial Heating & Other Uses				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	43,285	43,285	0	0.0%		63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%		840.00	840.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	4,169.00	4,177.87	(8.87)	-0.2%		5,787.52	5,799.40	(11.88)	-0.2%
3.4	LOAD BALANCING	\$ \$	2,657.97	3,031.32	(373.35)	-12.3%		3,924.01	4,475.24	(551.23)	-12.3%
3.5	SALES COMMDTY	\$	4,097.57	4,378.54	(280.97)	-6.4%		6,049.38	6,464.17	(414.79)	-6.4%
3.6	TOTAL SALES	\$	11,764.54	12,427.73	(663.19)	-5.3%		16,600.91	17,578.81	(977.90)	-5.6%
3.7	TOTAL T-SERVICE	\$	7,666.97	8,049.19	(382.22)	-4.7%		10,551.53	11,114.64	(563.11)	-5.1%
3.8	SALES UNIT RATE	\$/m³	0.2718	0.2871	(0.0153)	-5.3%		0.2598	0.2751	(0.0153)	-5.6%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1771	0.1860	(0.0088)	-4.7%		0.1651	0.1739	(0.0088)	-5.1%
3.10	SALES UNIT RATE	\$/GJ	7.0742	7.4730	(0.3988)	-5.3%		6.7617	7.1600	(0.3983)	-5.6%
3.11	T-SERVICE UNIT RATE	\$/GJ	4.6103	4.8401	(0.2298)	-4.7%		4.2977	4.5271	(0.2294)	-5.1%
Medium Industrial Customer							Large Industrial Customer				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
4.1	VOLUME	m³	169,563	169,563	0	0.0%		339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%		840.00	840.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	14,138.69	14,166.25	(27.56)	-0.2%		26,631.98	26,681.76	(49.78)	-0.2%
4.4	LOAD BALANCING	\$ \$	10,412.21	11,874.82	(1,462.61)	-12.3%		20,824.24	23,749.52	(2,925.28)	-12.3%
4.5	SALES COMMDTY	\$	16,051.67	17,152.30	(1,100.63)	-6.4%		32,103.19	34,304.42	(2,201.23)	-6.4%
4.6	TOTAL SALES	\$	41,442.57	44,033.37	(2,590.80)	-5.9%		80,399.41	85,575.70	(5,176.29)	-6.0%
4.7	TOTAL T-SERVICE	\$	25,390.90	26,881.07	(1,490.17)	-5.5%		48,296.22	51,271.28	(2,975.06)	-5.8%
4.8	SALES UNIT RATE	\$/m³	0.2444	0.2597	(0.0153)	-5.9%		0.2371	0.2523	(0.0153)	-6.0%
4.9	T-SERVICE UNIT RATE	\$/m³	0.1497	0.1585	(0.0088)	-5.5%		0.1424	0.1512	(0.0088)	-5.8%
4.10	SALES UNIT RATE	\$/GJ	6.3615	6.7592	(0.3977)	-5.9%		6.1707	6.5680	(0.3973)	-6.0%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.8975	4.1263	(0.2287)	-5.5%		3.7068	3.9351	(0.2283)	-5.8%

§ The Load Balancing Charge shown here includes proposed transportation charges



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS  
INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 100 - Small Commercial Firm							Rate 100 - Average Commercial Firm			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%	1,464	1,464	0	0.0%
1.3	DISTRIBUTION CHG.	\$	24,896	24,901	(5)	0.0%	85,918	85,926	(8)	0.0%
1.4	LOAD BALANCING	\$	20,828	23,754	(2,926)	-12.3%	36,756	41,919	(5,163)	-12.3%
1.5	SALES COMMDTY	\$	32,109	34,311	(2,202)	-6.4%	56,663	60,549	(3,885)	-6.4%
1.6	TOTAL SALES	\$	79,298	84,430	(5,132)	-6.1%	180,801	189,857	(9,057)	-4.8%
1.7	TOTAL T-SERVICE	\$	47,189	50,119	(2,930)	-5.8%	124,137	129,309	(5,171)	-4.0%
1.8	SALES UNIT RATE	\$/m³	0.2338	0.2489	(0.0151)	-6.1%	0.3021	0.3172	(0.0151)	-4.8%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1391	0.1478	(0.0086)	-5.8%	0.2074	0.2160	(0.0086)	-4.0%
1.10	SALES UNIT RATE	\$/GJ	6.0851	6.4789	(0.3938)	-6.1%	7.8619	8.2558	(0.3938)	-4.8%
1.11	T-SERVICE UNIT RATE	\$/GJ	3.6211	3.8460	(0.2249)	-5.8%	5.3980	5.6229	(0.2249)	-4.0%
Rate 100 - Large Industrial Firm										
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%				
2.3	DISTRIBUTION CHG.	\$	182,521	182,541	(20)	0.0%				
2.4	LOAD BALANCING	\$	92,109	105,048	(12,939)	-12.3%				
2.5	SALES COMMDTY	\$	141,998	151,734	(9,737)	-6.4%				
2.6	TOTAL SALES	\$	418,091	440,787	(22,696)	-5.1%				
2.7	TOTAL T-SERVICE	\$	276,094	289,053	(12,959)	-4.5%				
2.8	SALES UNIT RATE	\$/m³	0.2787	0.2939	(0.0151)	-5.1%				
2.9	T-SERVICE UNIT RATE	\$/m³	0.1841	0.1927	(0.0086)	-4.5%				
2.10	SALES UNIT RATE	\$/GJ	7.2547	7.6486	(0.3938)	-5.1%				
2.11	T-SERVICE UNIT RATE	\$/GJ	4.7908	5.0157	(0.2249)	-4.5%				

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8
Rate 145 - Small Commercial Interr.							Rate 145 - Average Commercial Interr.				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	339,188	339,188	0	0.0%		598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%		1,480	1,480	0	0.0%
3.3	DISTRIBUTION CHG.	\$	21,795	21,837	(42)	-0.2%		35,400	35,475	(75)	-0.2%
3.4	LOAD BALANCING	\$	16,455	19,044	(2,590)	-13.6%		29,038	33,608	(4,570)	-13.6%
3.5	SALES COMMDTY	\$	31,931	34,133	(2,202)	-6.5%		56,349	60,235	(3,886)	-6.5%
3.6	TOTAL SALES	\$	71,661	76,495	(4,834)	-6.3%		122,268	130,799	(8,531)	-6.5%
3.7	TOTAL T-SERVICE	\$	39,730	42,362	(2,632)	-6.2%		65,919	70,564	(4,645)	-6.6%
3.8	SALES UNIT RATE	\$/m³	0.2113	0.2255	(0.0143)	-6.3%		0.2043	0.2185	(0.0143)	-6.5%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1171	0.1249	(0.0078)	-6.2%		0.1101	0.1179	(0.0078)	-6.6%
3.10	SALES UNIT RATE	\$/GJ	5.4990	5.8700	(0.3710)	-6.3%		5.3167	5.6876	(0.3710)	-6.5%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.0487	3.2507	(0.2020)	-6.2%		2.8664	3.0684	(0.2020)	-6.6%
Rate 145 - Small Industrial Interr.							Rate 145 - Average Industrial Interr.				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
4.1	VOLUME	m³	339,188	339,188	0	0.0%		598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%		1,480	1,480	0	0.0%
4.3	DISTRIBUTION CHG.	\$	22,068	22,110	(42)	-0.2%		35,642	35,717	(75)	-0.2%
4.4	LOAD BALANCING	\$	16,455	19,044	(2,590)	-13.6%		29,038	33,608	(4,570)	-13.6%
4.5	SALES COMMDTY	\$	31,931	34,133	(2,202)	-6.5%		56,349	60,235	(3,886)	-6.5%
4.6	TOTAL SALES	\$	71,934	76,768	(4,834)	-6.3%		122,509	131,040	(8,531)	-6.5%
4.7	TOTAL T-SERVICE	\$	40,002	42,635	(2,632)	-6.2%		66,160	70,805	(4,645)	-6.6%
4.8	SALES UNIT RATE	\$/m³	0.2121	0.2263	(0.0143)	-6.3%		0.2047	0.2189	(0.0143)	-6.5%
4.9	T-SERVICE UNIT RATE	\$/m³	0.1179	0.1257	(0.0078)	-6.2%		0.1105	0.1183	(0.0078)	-6.6%
4.10	SALES UNIT RATE	\$/GJ	5.5199	5.8909	(0.3710)	-6.3%		5.3272	5.6981	(0.3710)	-6.5%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.0696	3.2716	(0.2020)	-6.2%		2.8769	3.0789	(0.2020)	-6.6%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 110 - Small Ind. Firm - 50% LF							Rate 110 - Average Ind. Firm - 50% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
5.1	VOLUME	m³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%	7,048	7,048	0	0.0%
5.3	DISTRIBUTION CHG.	\$	34,168	34,258	(90)	-0.3%	565,695	567,189	(1,495)	-0.3%
5.4	LOAD BALANCING	\$	30,191	34,499	(4,308)	-12.5%	503,186	574,984	(71,798)	-12.5%
5.5	SALES COMMDTY	\$	56,328	60,213	(3,885)	-6.5%	938,793	1,003,548	(64,755)	-6.5%
5.6	TOTAL SALES	\$	127,735	136,018	(8,283)	-6.1%	2,014,722	2,152,769	(138,048)	-6.4%
5.7	TOTAL T-SERVICE	\$	71,408	75,805	(4,398)	-5.8%	1,075,929	1,149,222	(73,293)	-6.4%
5.8	SALES UNIT RATE	\$/m³	0.2134	0.2272	(0.0138)	-6.1%	0.2020	0.2158	(0.0138)	-6.4%
5.9	T-SERVICE UNIT RATE	\$/m³	0.1193	0.1266	(0.0073)	-5.8%	0.1079	0.1152	(0.0073)	-6.4%
5.10	SALES UNIT RATE	\$/GJ	5.5544	5.9146	(0.3602)	-6.1%	5.2565	5.6167	(0.3602)	-6.4%
5.11	T-SERVICE UNIT RATE	\$/GJ	3.1051	3.2963	(0.1912)	-5.8%	2.8071	2.9984	(0.1912)	-6.4%
Rate 110 - Average Ind. Firm - 75% LF							Rate 115 - Large Ind. Firm - 80% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
6.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%	7,471	7,471	0	0.0%
6.3	DISTRIBUTION CHG.	\$	518,737	520,231	(1,495)	-0.3%	3,276,984	3,285,995	(9,011)	-0.3%
6.4	LOAD BALANCING	\$	503,186	574,984	(71,798)	-12.5%	3,391,642	3,877,958	(486,316)	-12.5%
6.5	SALES COMMDTY	\$	938,793	1,003,548	(64,755)	-6.5%	6,571,551	7,024,836	(453,285)	-6.5%
6.6	TOTAL SALES	\$	1,967,763	2,105,811	(138,048)	-6.6%	13,247,648	14,196,259	(948,612)	-6.7%
6.7	TOTAL T-SERVICE	\$	1,028,971	1,102,264	(73,293)	-6.6%	6,676,097	7,171,424	(495,327)	-6.9%
6.8	SALES UNIT RATE	\$/m³	0.1972	0.2111	(0.0138)	-6.6%	0.1897	0.2033	(0.0136)	-6.7%
6.9	T-SERVICE UNIT RATE	\$/m³	0.1031	0.1105	(0.0073)	-6.6%	0.0956	0.1027	(0.0071)	-6.9%
6.10	SALES UNIT RATE	\$/GJ	5.1340	5.4941	(0.3602)	-6.6%	4.9377	5.2912	(0.3536)	-6.7%
6.11	T-SERVICE UNIT RATE	\$/GJ	2.6846	2.8759	(0.1912)	-6.6%	2.4883	2.6729	(0.1846)	-6.9%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 135 - Seasonal Firm							Rate 170 - Average Ind. Interr. - 50% LF			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
7.1	VOLUME	m³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,381	1,381	0	0.0%	3,352	3,352	0	0.0%
7.3	DISTRIBUTION CHG.	\$	30,771	30,850	(79)	-0.3%	413,635	415,027	(1,392)	-0.3%
7.4	LOAD BALANCING	\$	23,404	27,494	(4,089)	-14.9%	382,097	453,776	(71,678)	-15.8%
7.5	SALES COMMDTY	\$	56,369	60,255	(3,885)	-6.4%	938,793	1,003,548	(64,755)	-6.5%
7.6	TOTAL SALES	\$	111,925	119,979	(8,054)	-6.7%	1,737,877	1,875,702	(137,825)	-7.3%
7.7	TOTAL T-SERVICE	\$	55,556	59,724	(4,169)	-7.0%	799,084	872,154	(73,070)	-8.4%
7.8	SALES UNIT RATE	\$/m³	0.1870	0.2004	(0.0135)	-6.7%	0.1742	0.1880	(0.0138)	-7.3%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0928	0.0998	(0.0070)	-7.0%	0.0801	0.0874	(0.0073)	-8.4%
7.10	SALES UNIT RATE	\$/GJ	4.8670	5.2172	(0.3502)	-6.7%	4.5342	4.8938	(0.3596)	-7.3%
7.11	T-SERVICE UNIT RATE	\$/GJ	2.4158	2.5971	(0.1813)	-7.0%	2.0848	2.2755	(0.1906)	-8.4%
Rate 170 - Average Ind. Interr. - 75% LF							Rate 170 - Large Ind. Interr. - 75% LF			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
8.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,352	3,352	0	0.0%	3,352	3,352	0	0.0%
8.3	DISTRIBUTION CHG.	\$	406,450	407,842	(1,392)	-0.3%	2,729,584	2,739,326	(9,742)	-0.4%
8.4	LOAD BALANCING	\$	382,097	453,776	(71,678)	-15.8%	2,674,682	3,176,431	(501,749)	-15.8%
8.5	SALES COMMDTY	\$	938,793	1,003,548	(64,755)	-6.5%	6,571,551	7,024,836	(453,285)	-6.5%
8.6	TOTAL SALES	\$	1,730,692	1,868,517	(137,825)	-7.4%	11,979,168	12,943,944	(964,776)	-7.5%
8.7	TOTAL T-SERVICE	\$	791,899	864,970	(73,070)	-8.4%	5,407,618	5,919,109	(511,491)	-8.6%
8.8	SALES UNIT RATE	\$/m³	0.1735	0.1873	(0.0138)	-7.4%	0.1715	0.1854	(0.0138)	-7.5%
8.9	T-SERVICE UNIT RATE	\$/m³	0.0794	0.0867	(0.0073)	-8.4%	0.0774	0.0848	(0.0073)	-8.6%
8.10	SALES UNIT RATE	\$/GJ	4.5154	4.8750	(0.3596)	-7.4%	4.4649	4.8245	(0.3596)	-7.5%
8.11	T-SERVICE UNIT RATE	\$/GJ	2.0661	2.2567	(0.1906)	-8.4%	2.0155	2.2062	(0.1906)	-8.6%

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS  
INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Heating & Water Htg.							Heating, Water Htg. & Other Uses						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
1.1	VOLUME	m³	3,064	3,064	0	0.0%				4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%				240.00	240.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	262.91	263.31	(0.40)	-0.2%				396.33	396.96	(0.63)	-0.2%
1.4	LOAD BALANCING	\$ \$	191.53	218.43	(26.90)	-12.3%				293.20	334.40	(41.20)	-12.3%
1.5	SALES COMMDTY	\$	289.41	309.30	(19.89)	-6.4%				443.06	473.53	(30.47)	-6.4%
1.6	TOTAL SALES	\$	983.85	1,031.04	(47.19)	-4.6%				1,372.59	1,444.89	(72.30)	-5.0%
1.7	TOTAL T-SERVICE	\$	694.44	721.74	(27.30)	-3.8%				929.53	971.36	(41.83)	-4.3%
1.8	SALES UNIT RATE	\$/m³	0.3211	0.3365	(0.0154)	-4.6%				0.2926	0.3080	(0.0154)	-5.0%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2266	0.2356	(0.0089)	-3.8%				0.1982	0.2071	(0.0089)	-4.3%
1.10	SALES UNIT RATE	\$/GJ	8.3577	8.7585	(0.4009)	-4.6%				7.6159	8.0170	(0.4012)	-5.0%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.8992	6.1311	(0.2319)	-3.8%				5.1575	5.3896	(0.2321)	-4.3%
Heating Only							Heating & Water Htg.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
2.1	VOLUME	m³	1,955	1,955	0	0.0%				2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%				240.00	240.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	168.64	168.89	(0.25)	-0.1%				175.50	175.75	(0.25)	-0.1%
2.4	LOAD BALANCING	\$ \$	122.21	139.37	(17.16)	-12.3%				125.33	142.92	(17.59)	-12.3%
2.5	SALES COMMDTY	\$	184.63	197.34	(12.71)	-6.4%				189.38	202.39	(13.01)	-6.4%
2.6	TOTAL SALES	\$	715.48	745.60	(30.12)	-4.0%				730.21	761.06	(30.85)	-4.1%
2.7	TOTAL T-SERVICE	\$	530.85	548.26	(17.41)	-3.2%				540.83	558.67	(17.84)	-3.2%
2.8	SALES UNIT RATE	\$/m³	0.3660	0.3814	(0.0154)	-4.0%				0.3642	0.3796	(0.0154)	-4.1%
2.9	T-SERVICE UNIT RATE	\$/m³	0.2715	0.2804	(0.0089)	-3.2%				0.2697	0.2786	(0.0089)	-3.2%
2.10	SALES UNIT RATE	\$/GJ	5.538	5.524	0.0141	0.3%				9.4792	9.8797	(0.4005)	-4.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.410	2.392	0.0180	0.8%				7.0208	7.2524	(0.2316)	-3.2%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Heating, Pool Htg. & Other Uses							General & Water Htg.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
3.1	VOLUME	m³	5,048	5,048	0	0.0%		1,081	1,081	0	0.0%		
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
3.3	DISTRIBUTION CHG.	\$	426.23	426.91	(0.68)	-0.2%		99.08	99.20	(0.12)	-0.1%		
3.4	LOAD BALANCING	\$ \$	315.54	359.86	(44.32)	-12.3%		67.57	77.05	(9.48)	-12.3%		
3.5	SALES COMMDTY	\$	476.78	509.57	(32.79)	-6.4%		102.10	109.12	(7.02)	-6.4%		
3.6	TOTAL SALES	\$	1,458.55	1,536.34	(77.79)	-5.1%		508.75	525.37	(16.62)	-3.2%		
3.7	TOTAL T-SERVICE	\$	981.77	1,026.77	(45.00)	-4.4%		406.65	416.25	(9.60)	-2.3%		
3.8	SALES UNIT RATE	\$/m³	0.2889	0.3043	(0.0154)	-5.1%		0.4706	0.4860	(0.0154)	-3.2%		
3.9	T-SERVICE UNIT RATE	\$/m³	0.1945	0.2034	(0.0089)	-4.4%		0.3762	0.3851	(0.0089)	-2.3%		
3.10	SALES UNIT RATE	\$/GJ	7.5205	7.9216	(0.4011)	-5.1%		12.2497	12.6499	(0.4002)	-3.2%		
3.11	T-SERVICE UNIT RATE	\$/GJ	5.0621	5.2942	(0.2320)	-4.4%		9.7914	10.0225	(0.2311)	-2.3%		
Heating & Water Htg.							Heating & Water Htg.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
3.1	VOLUME	m³	2,480	2,480	0	0.0%		2,400	2,400	0	0.0%		
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
3.3	DISTRIBUTION CHG.	\$	214.70	215.00	(0.30)	-0.1%		207.81	208.13	(0.32)	-0.2%		
3.4	LOAD BALANCING	\$ \$	155.03	176.78	(21.75)	-12.3%		150.03	171.08	(21.05)	-12.3%		
3.5	SALES COMMDTY	\$	234.26	250.33	(16.07)	-6.4%		226.70	242.27	(15.57)	-6.4%		
3.6	TOTAL SALES	\$	843.99	882.11	(38.12)	-4.3%		824.54	861.48	(36.94)	-4.3%		
3.7	TOTAL T-SERVICE	\$	609.73	631.78	(22.05)	-3.5%		597.84	619.21	(21.37)	-3.5%		
3.8	SALES UNIT RATE	\$/m³	0.3403	0.3557	(0.0154)	-4.3%		0.3436	0.3589	(0.0154)	-4.3%		
3.9	T-SERVICE UNIT RATE	\$/m³	0.2459	0.2547	(0.0089)	-3.5%		0.2491	0.2580	(0.0089)	-3.5%		
3.10	SALES UNIT RATE	\$/GJ	8.8578	9.2579	(0.4001)	-4.3%		8.9422	9.3428	(0.4006)	-4.3%		
3.11	T-SERVICE UNIT RATE	\$/GJ	6.3992	6.6306	(0.2314)	-3.5%		6.4836	6.7154	(0.2318)	-3.5%		

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Commercial Heating & Other Uses							Com. Htg., Air Cond'ng & Other Uses			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
1.1	VOLUME	m³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,540.84	1,545.86	(5.02)	-0.3%	1,977.10	1,983.51	(6.41)	-0.3%
1.4	LOAD BALANCING	\$ \$	1,388.15	1,583.14	(194.99)	-12.3%	1,797.86	2,050.40	(252.54)	-12.3%
1.5	SALES COMMDTY	\$	2,140.00	2,286.75	(146.75)	-6.4%	2,771.58	2,961.66	(190.08)	-6.4%
1.6	TOTAL SALES	\$	5,908.99	6,255.75	(346.76)	-5.5%	7,386.54	7,835.57	(449.03)	-5.7%
1.7	TOTAL T-SERVICE	\$	3,768.99	3,969.00	(200.01)	-5.0%	4,614.96	4,873.91	(258.95)	-5.3%
1.8	SALES UNIT RATE	\$/m³	0.2614	0.2767	(0.0153)	-5.5%	0.2523	0.2676	(0.0153)	-5.7%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1667	0.1756	(0.0088)	-5.0%	0.1576	0.1665	(0.0088)	-5.3%
1.10	SALES UNIT RATE	\$/GJ	6.8035	7.2028	(0.3993)	-5.5%	6.5666	6.9658	(0.3992)	-5.7%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.3395	4.5698	(0.2303)	-5.0%	4.1027	4.3329	(0.2302)	-5.3%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
2.1	VOLUME	m³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,313.89	8,340.80	(26.91)	-0.3%	15,231.81	15,281.09	(49.28)	-0.3%
2.4	LOAD BALANCING	\$ \$	10,412.18	11,874.84	(1,462.66)	-12.3%	20,824.31	23,749.61	(2,925.30)	-12.3%
2.5	SALES COMMDTY	\$	16,051.67	17,152.30	(1,100.63)	-6.4%	32,103.25	34,304.50	(2,201.25)	-6.4%
2.6	TOTAL SALES	\$	35,617.74	38,207.94	(2,590.20)	-6.8%	68,999.37	74,175.20	(5,175.83)	-7.0%
2.7	TOTAL T-SERVICE	\$	19,566.07	21,055.64	(1,489.57)	-7.1%	36,896.12	39,870.70	(2,974.58)	-7.5%
2.8	SALES UNIT RATE	\$/m³	0.2101	0.2253	(0.0153)	-6.8%	0.2035	0.2187	(0.0153)	-7.0%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1154	0.1242	(0.0088)	-7.1%	0.1088	0.1176	(0.0088)	-7.5%
2.10	SALES UNIT RATE	\$/GJ	5.4674	5.8650	(0.3976)	-6.8%	5.2958	5.6930	(0.3972)	-7.0%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.0034	3.2321	(0.2287)	-7.1%	2.8318	3.0601	(0.2283)	-7.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use							Industrial Heating & Other Uses				
			(A)	(B)	CHANGE					CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%	
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%	
3.3	DISTRIBUTION CHG.	\$	2,732.77	2,741.64	(8.87)	-0.3%	3,667.16	3,679.04	(11.88)	-0.3%	
3.4	LOAD BALANCING	§ \$	2,657.97	3,031.32	(373.35)	-12.3%	3,924.01	4,475.24	(551.23)	-12.3%	
3.5	SALES COMMDTY	\$	4,097.57	4,378.54	(280.97)	-6.4%	6,049.38	6,464.17	(414.79)	-6.4%	
3.6	TOTAL SALES	\$	10,328.31	10,991.50	(663.19)	-6.0%	14,480.55	15,458.45	(977.90)	-6.3%	
3.7	TOTAL T-SERVICE	\$	6,230.74	6,612.96	(382.22)	-5.8%	8,431.17	8,994.28	(563.11)	-6.3%	
3.8	SALES UNIT RATE	\$/m³	0.2386	0.2539	(0.0153)	-6.0%	0.2266	0.2419	(0.0153)	-6.3%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.1439	0.1528	(0.0088)	-5.8%	0.1319	0.1407	(0.0088)	-6.3%	
3.10	SALES UNIT RATE	\$/GJ	6.2106	6.6094	(0.3988)	-6.0%	5.8980	6.2963	(0.3983)	-6.3%	
3.11	T-SERVICE UNIT RATE	\$/GJ	3.7467	3.9765	(0.2298)	-5.8%	3.4341	3.6634	(0.2294)	-6.3%	
Medium Industrial Customer							Large Industrial Customer				
			(A)	(B)	CHANGE					CHANGE	
					(A) - (B)	%				(A) - (B)	%
4.1	VOLUME	m³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%	
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%	
4.3	DISTRIBUTION CHG.	\$	8,512.43	8,539.99	(27.56)	-0.3%	15,379.54	15,429.32	(49.78)	-0.3%	
4.4	LOAD BALANCING	§ \$	10,412.21	11,874.82	(1,462.61)	-12.3%	20,824.24	23,749.52	(2,925.28)	-12.3%	
4.5	SALES COMMDTY	\$	16,051.67	17,152.30	(1,100.63)	-6.4%	32,103.19	34,304.42	(2,201.23)	-6.4%	
4.6	TOTAL SALES	\$	35,816.31	38,407.11	(2,590.80)	-6.7%	69,146.97	74,323.26	(5,176.29)	-7.0%	
4.7	TOTAL T-SERVICE	\$	19,764.64	21,254.81	(1,490.17)	-7.0%	37,043.78	40,018.84	(2,975.06)	-7.4%	
4.8	SALES UNIT RATE	\$/m³	0.2112	0.2265	(0.0153)	-6.7%	0.2039	0.2192	(0.0153)	-7.0%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.1166	0.1254	(0.0088)	-7.0%	0.1092	0.1180	(0.0088)	-7.4%	
4.10	SALES UNIT RATE	\$/GJ	5.4978	5.8955	(0.3977)	-6.7%	5.3071	5.7044	(0.3973)	-7.0%	
4.11	T-SERVICE UNIT RATE	\$/GJ	3.0339	3.2626	(0.2287)	-7.0%	2.8431	3.0715	(0.2283)	-7.4%	

§ The Load Balancing Charge shown here includes proposed transportation charges



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 100 - Small Commercial Firm							Rate 100 - Average Commercial Firm			
			(A)	(B)	CHANGE					
					(A) - (B)	%	(A)	(B)	(A) - (B)	%
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%	1,464	1,464	0	0.0%
1.3	DISTRIBUTION CHG.	\$	13,642	13,646	(5)	0.0%	66,057	66,065	(8)	0.0%
1.4	LOAD BALANCING	\$	20,828	23,754	(2,926)	-12.3%	36,756	41,919	(5,163)	-12.3%
1.5	SALES COMMDTY	\$	32,109	34,311	(2,202)	-6.4%	56,663	60,549	(3,885)	-6.4%
1.6	TOTAL SALES	\$	68,043	73,175	(5,132)	-7.0%	160,940	169,996	(9,057)	-5.3%
1.7	TOTAL T-SERVICE	\$	35,934	38,865	(2,930)	-7.5%	104,276	109,448	(5,171)	-4.7%
1.8	SALES UNIT RATE	\$/m³	0.2006	0.2157	(0.0151)	-7.0%	0.2689	0.2840	(0.0151)	-5.3%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1059	0.1146	(0.0086)	-7.5%	0.1742	0.1828	(0.0086)	-4.7%
1.10	SALES UNIT RATE	\$/GJ	5.2214	5.6152	(0.3938)	-7.0%	6.9983	7.3921	(0.3938)	-5.3%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.7575	2.9823	(0.2249)	-7.5%	4.5344	4.7592	(0.2249)	-4.7%
Rate 100 - Large Industrial Firm										
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,749	132,769	(20)	0.0%				
2.4	LOAD BALANCING	\$	92,109	105,048	(12,939)	-12.3%				
2.5	SALES COMMDTY	\$	141,998	151,734	(9,737)	-6.4%				
2.6	TOTAL SALES	\$	368,320	391,016	(22,696)	-5.8%				
2.7	TOTAL T-SERVICE	\$	226,322	239,281	(12,959)	-5.4%				
2.8	SALES UNIT RATE	\$/m³	0.2455	0.2607	(0.0151)	-5.8%				
2.9	T-SERVICE UNIT RATE	\$/m³	0.1509	0.1595	(0.0086)	-5.4%				
2.10	SALES UNIT RATE	\$/GJ	6.3911	6.7849	(0.3938)	-5.8%				
2.11	T-SERVICE UNIT RATE	\$/GJ	3.9272	4.1520	(0.2249)	-5.4%				

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m³ vs (B) EB-2017-0347 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 145 - Small Commercial Interr.							Rate 145 - Average Commercial Interr.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%	1,480	1,480	0	0.0%
3.3	DISTRIBUTION CHG.	\$	10,540	10,583	(42)	-0.4%	15,539	15,614	(75)	-0.5%
3.4	LOAD BALANCING	\$	16,455	19,044	(2,590)	-13.6%	29,038	33,608	(4,570)	-13.6%
3.5	SALES COMMDTY	\$	31,931	34,133	(2,202)	-6.5%	56,349	60,235	(3,886)	-6.5%
3.6	TOTAL SALES	\$	60,406	65,240	(4,834)	-7.4%	102,407	110,938	(8,531)	-7.7%
3.7	TOTAL T-SERVICE	\$	28,475	31,107	(2,632)	-8.5%	46,058	50,703	(4,645)	-9.2%
3.8	SALES UNIT RATE	\$/m³	0.1781	0.1923	(0.0143)	-7.4%	0.1711	0.1853	(0.0143)	-7.7%
3.9	T-SERVICE UNIT RATE	\$/m³	0.0840	0.0917	(0.0078)	-8.5%	0.0769	0.0847	(0.0078)	-9.2%
3.10	SALES UNIT RATE	\$/GJ	4.6354	5.0063	(0.3710)	-7.4%	4.4531	4.8240	(0.3710)	-7.7%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.1851	2.3871	(0.2020)	-8.5%	2.0028	2.2047	(0.2020)	-9.2%
Rate 145 - Small Industrial Interr.							Rate 145 - Average Industrial Interr.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
4.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%	1,480	1,480	0	0.0%
4.3	DISTRIBUTION CHG.	\$	10,813	10,856	(42)	-0.4%	15,781	15,856	(75)	-0.5%
4.4	LOAD BALANCING	\$	16,455	19,044	(2,590)	-13.6%	29,038	33,608	(4,570)	-13.6%
4.5	SALES COMMDTY	\$	31,931	34,133	(2,202)	-6.5%	56,349	60,235	(3,886)	-6.5%
4.6	TOTAL SALES	\$	60,679	65,513	(4,834)	-7.4%	102,648	111,179	(8,531)	-7.7%
4.7	TOTAL T-SERVICE	\$	28,748	31,380	(2,632)	-8.4%	46,299	50,944	(4,645)	-9.1%
4.8	SALES UNIT RATE	\$/m³	0.1789	0.1931	(0.0143)	-7.4%	0.1715	0.1857	(0.0143)	-7.7%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0848	0.0925	(0.0078)	-8.4%	0.0773	0.0851	(0.0078)	-9.1%
4.10	SALES UNIT RATE	\$/GJ	4.6563	5.0273	(0.3710)	-7.4%	4.4636	4.8345	(0.3710)	-7.7%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.2060	2.4080	(0.2020)	-8.4%	2.0133	2.2152	(0.2020)	-9.1%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 110 - Small Ind. Firm - 50% LF							Rate 110 - Average Ind. Firm - 50% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
5.1	VOLUME	m³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%	7,048	7,048	0	0.0%
5.3	DISTRIBUTION CHG.	\$	14,307	14,397	(90)	-0.6%	234,678	236,173	(1,495)	-0.6%
5.4	LOAD BALANCING	\$	30,191	34,499	(4,308)	-12.5%	503,186	574,984	(71,798)	-12.5%
5.5	SALES COMMDTY	\$	56,328	60,213	(3,885)	-6.5%	938,793	1,003,548	(64,755)	-6.5%
5.6	TOTAL SALES	\$	107,874	116,157	(8,283)	-7.1%	1,683,705	1,821,753	(138,048)	-7.6%
5.7	TOTAL T-SERVICE	\$	51,547	55,944	(4,398)	-7.9%	744,912	818,205	(73,293)	-9.0%
5.8	SALES UNIT RATE	\$/m³	0.1802	0.1941	(0.0138)	-7.1%	0.1688	0.1826	(0.0138)	-7.6%
5.9	T-SERVICE UNIT RATE	\$/m³	0.0861	0.0935	(0.0073)	-7.9%	0.0747	0.0820	(0.0073)	-9.0%
5.10	SALES UNIT RATE	\$/GJ	4.6908	5.0510	(0.3602)	-7.1%	4.3929	4.7530	(0.3602)	-7.6%
5.11	T-SERVICE UNIT RATE	\$/GJ	2.2415	2.4327	(0.1912)	-7.9%	1.9435	2.1347	(0.1912)	-9.0%
Rate 110 - Average Ind. Firm - 75% LF							Rate 115 - Large Ind. Firm - 80% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
6.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%	7,471	7,471	0	0.0%
6.3	DISTRIBUTION CHG.	\$	187,720	189,215	(1,495)	-0.8%	959,867	968,878	(9,011)	-0.9%
6.4	LOAD BALANCING	\$	503,186	574,984	(71,798)	-12.5%	3,391,642	3,877,958	(486,316)	-12.5%
6.5	SALES COMMDTY	\$	938,793	1,003,548	(64,755)	-6.5%	6,571,551	7,024,836	(453,285)	-6.5%
6.6	TOTAL SALES	\$	1,636,747	1,774,795	(138,048)	-7.8%	10,930,531	11,879,143	(948,612)	-8.0%
6.7	TOTAL T-SERVICE	\$	697,954	771,247	(73,293)	-9.5%	4,358,981	4,854,307	(495,327)	-10.2%
6.8	SALES UNIT RATE	\$/m³	0.1641	0.1779	(0.0138)	-7.8%	0.1565	0.1701	(0.0136)	-8.0%
6.9	T-SERVICE UNIT RATE	\$/m³	0.0700	0.0773	(0.0073)	-9.5%	0.0624	0.0695	(0.0071)	-10.2%
6.10	SALES UNIT RATE	\$/GJ	4.2703	4.6305	(0.3602)	-7.8%	4.0740	4.4276	(0.3536)	-8.0%
6.11	T-SERVICE UNIT RATE	\$/GJ	1.8210	2.0122	(0.1912)	-9.5%	1.6247	1.8093	(0.1846)	-10.2%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2018-0090 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0347 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8	
Rate 135 - Seasonal Firm							Rate 170 - Average Ind. Interr. - 50% LF					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
7.1	VOLUME	m³	598,567	598,567	0	0.0%		9,976,121	9,976,121	0	0.0%	
7.2	CUSTOMER CHG.	\$	1,381	1,381	0	0.0%		3,352	3,352	0	0.0%	
7.3	DISTRIBUTION CHG.	\$	10,910	10,989	(79)	-0.7%		82,618	84,010	(1,392)	-1.7%	
7.4	LOAD BALANCING	\$	23,404	27,494	(4,089)	-14.9%		382,097	453,776	(71,678)	-15.8%	
7.5	SALES COMMDTY	\$	56,369	60,255	(3,885)	-6.4%		938,793	1,003,548	(64,755)	-6.5%	
7.6	TOTAL SALES	\$	92,064	100,118	(8,054)	-8.0%		1,406,861	1,544,686	(137,825)	-8.9%	
7.7	TOTAL T-SERVICE	\$	35,695	39,863	(4,169)	-10.5%		468,068	541,138	(73,070)	-13.5%	
7.8	SALES UNIT RATE	\$/m³	0.1538	0.1673	(0.0135)	-8.0%		0.1410	0.1548	(0.0138)	-8.9%	
7.9	T-SERVICE UNIT RATE	\$/m³	0.0596	0.0666	(0.0070)	-10.5%		0.0469	0.0542	(0.0073)	-13.5%	
7.10	SALES UNIT RATE	\$/GJ	4.0033	4.3535	(0.3502)	-8.0%		3.6706	4.0301	(0.3596)	-8.9%	
7.11	T-SERVICE UNIT RATE	\$/GJ	1.5522	1.7334	(0.1813)	-10.5%		1.2212	1.4119	(0.1906)	-13.5%	
Rate 170 - Average Ind. Interr. - 75% LF							Rate 170 - Large Ind. Interr. - 75% LF					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
8.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%		69,832,850	69,832,850	0	0.0%	
8.2	CUSTOMER CHG.	\$	3,352	3,352	0	0.0%		3,352	3,352	0	0.0%	
8.3	DISTRIBUTION CHG.	\$	75,434	76,825	(1,392)	-1.8%		412,467	422,209	(9,742)	-2.3%	
8.4	LOAD BALANCING	\$	382,097	453,776	(71,678)	-15.8%		2,674,682	3,176,431	(501,749)	-15.8%	
8.5	SALES COMMDTY	\$	938,793	1,003,548	(64,755)	-6.5%		6,571,551	7,024,836	(453,285)	-6.5%	
8.6	TOTAL SALES	\$	1,399,676	1,537,501	(137,825)	-9.0%		9,662,051	10,626,828	(964,776)	-9.1%	
8.7	TOTAL T-SERVICE	\$	460,883	533,953	(73,070)	-13.7%		3,090,501	3,601,992	(511,491)	-14.2%	
8.8	SALES UNIT RATE	\$/m³	0.1403	0.1541	(0.0138)	-9.0%		0.1384	0.1522	(0.0138)	-9.1%	
8.9	T-SERVICE UNIT RATE	\$/m³	0.0462	0.0535	(0.0073)	-13.7%		0.0443	0.0516	(0.0073)	-14.2%	
8.10	SALES UNIT RATE	\$/GJ	3.6518	4.0114	(0.3596)	-9.0%		3.6012	3.9608	(0.3596)	-9.1%	
8.11	T-SERVICE UNIT RATE	\$/GJ	1.2025	1.3931	(0.1906)	-13.7%		1.1519	1.3425	(0.1906)	-14.2%	

# RATE HANDBOOK

Filed 2018-03-09  
EB-2018-0090  
Exhibit Q2-3  
Tab 4  
Schedule 9  
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## ***ENBRIDGE GAS DISTRIBUTION***

### **HANDBOOK OF RATES AND DISTRIBUTION SERVICES**

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## Part I

### GLOSSARY OF TERMS

In this Handbook of Rates and Distribution Services, each term set out below shall have the meaning set out opposite it:

**Annual Turnover Volume ("ATV"):** The sum of the contracted volumes injected into and withdrawn from storage by an applicant within a contract year.

**Annual Volume Deficiency:** The difference between the Minimum Annual Volume and the volume actually taken in a contract year, if such volume is less than the Minimum Annual Volume.

**Applicant:** The party who makes application to the Company for one or more of the services of the Company and such term includes any party receiving one or more of the services of the Company.

**Authorized Volume:** In regards to Sales Service Agreements, the Contract Demand.

In regards to Bundled Transportation Service arrangements, the Contract Demand (CD) less the amount by which the Applicant's Mean Daily Volume (MDV) exceeds the Daily Delivered Volume (Delivery) and less the volume by which the Applicant has been ordered to curtail or discontinue the use of gas (Curtailment Volume) or otherwise represented as:

CD – (MDV – Delivery) – Curtailment Volume

**Back-stopping:** A service whereby alternative supplies of gas may be available in the event that an Applicant's supply of gas is not available for delivery to the Company.

**Banked Gas Account:** A record of the amount of gas delivered by the Applicant to the Company in respect of a Terminal Location (credits) and of volume of gas taken by the Applicant at the Terminal Location (debits)

**Billing Contract Demand:** Applicable only to new customers who take Dedicated Service under Rate 125. The Company and the Applicant shall determine a Billing Contract Demand which would result in annual revenues over the term of the contract that would enable the Company to recover the invested capital, return on capital, and O&M costs of the Dedicated Service in accordance with its system expansion policies.

**Billing Month:** A period of approximately thirty (30) days following which the Company renders a bill to an applicant. The billing month is determined by the Company's monthly Reading and Billing Schedule.

With respect to rate 135 LVDC's, there are eight summer months and four winter months.

**Board:** Ontario Energy Board. (OEB)

**Bundled Service:** A service in which the demand for natural gas at a Terminal Location is met by the Company utilizing Load balancing resources.

**Buy/Sell Arrangement:** An arrangement, the terms of which are provided for in one or more agreements to which one or more of an end user of gas (being a party that buys from the Company gas delivered to a Terminal Location), an affiliate of an end user and a marketer, broker or agent of an end user is a party and the Company is a party, and pursuant to which the Company agrees to buy from the end user or its affiliate a supply of gas and to sell to the end user gas delivered to a Terminal Location served from the gas distribution network. The Company will not enter into any new buy/sell agreement after April 1, 1999.

**Buy/Sell Price:** The Price per cubic meter which the Company would pay for gas purchased pursuant to a Buy/Sell Arrangement in which the purchase takes place in Ontario.

**Commodity Charge:** A charge per unit volume of gas actually taken by the Applicant, as distinguished from a demand charge which is based on the maximum daily volume an Applicant has the right to take.

**Company:** Enbridge Gas Distribution Inc.

**Contract Demand:** A contractually specified volume of gas applicable to service under a particular Rate Schedule for each Terminal Location which is the maximum volume of gas the Company is required to deliver on a daily basis under a Large Volume Distribution Contract.

**Cubic Metre ("m³"):** That volume of gas which at a temperature of 15 degrees Celsius and at an absolute pressure of 101.325 kilopascals ("kPa") occupies one cubic metre. "10³m³" means 1,000 cubic metres.

**Curtailment:** An interruption in an Applicant's gas supply at a Terminal Location resulting from compliance with a request or an order by the Company to discontinue or curtail the use of gas.

**Curtailment Credit:** A credit available to interruptible customers to recognize the benefits they provide to the system during the winter months.

**Curtailment Delivered Supply (CDS):** An additional volume of gas, in excess of the Applicant's Mean Daily Volume and determined by mutual agreement between the Applicant and the Company, which is Nominated and delivered by or on behalf of the Applicant to a point

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of interconnection with the Company's distribution system on a day of Curtailment.

**Customer Charge:** A monthly fixed charge that reflects being connected to the gas distribution system.

**Daily Consumption vs Gas Quantity:** The volume of natural gas taken on a day at a Terminal Location as measured by daily metering equipment or, where the Company does not own and maintain daily metering equipment at a Terminal Location, the volume of gas taken within a billing period divided by the number of days in the billing period.

**Daily Delivered Volume:** The volume of gas accepted by the Company as having been delivered by an Applicant to the Company on a day.

**Dedicated Service:** An Unbundled Service provided through a gas distribution pipeline that is initially constructed to serve a single customer, and for which the volume of gas is measured through a billing meter that is directly connected to a third party transporter or other third party facility, when service commences.

**Delivery Charge:** A component of the Rate Schedule through which the Company recovers its operating costs.

**Demand Charge:** A fixed monthly charge which is applied to the Contract Demand specified in a Service Contract.

**Demand Overrun:** The amount of gas taken at a Terminal Location exceeding the Contract Demand.

**Direct Purchase:** Natural gas supply purchase arrangements transacted directly between the Applicant and one or more parties, including the Company.

**Disconnect and Reconnect Charges:** The charges levied by the Company for disconnecting or reconnecting an Applicant from or to the Company's distribution system.

**Diversión:** Delivery of gas on a day to a delivery point different from the normal delivery point specified in a Service Contract.

**Firm Service:** A service for a continuous delivery of gas without curtailment, except under extraordinary circumstances.

**Firm Transportation ("FT"):** Firm Transportation service offered by upstream pipelines to move gas from a receipt point to a delivery point, as defined by the pipeline.

**Force Majeure:** Any cause not reasonably within the control of the Company and which the Company cannot prevent or overcome with reasonable due diligence, including:

(a) physical events such as an act of God, landslide, earthquake, storm or storm warning such as a hurricane which results in evacuation of an affected area, flood, washout, explosion, breakage or accident to machinery or equipment or lines of pipe used to transport gas, the necessity for making repairs to or alterations of such machinery or equipment or lines of pipe or inability to obtain materials, supplies (including a supply of services) or permits required by the Company to provide service;

(b) interruption and/or curtailment of firm transportation by a gas transporter for the Company;

(c) acts of others such as strike, lockout or other industrial disturbance, civil disturbance, blockade, act of a public enemy, terrorism, riot, sabotage, insurrections or war, as well as physical damage resulting from the negligence of others;

(d) in relation to Load Balancing, failure or malfunction of any storage equipment or facilities of the Company; and

(e) governmental actions, such as necessity for compliance with any applicable laws.

**Gas:** Natural Gas.

**Gas Delivery Agreement:** A written agreement pursuant to which the Company agrees to transport gas on the Applicant's behalf to a specified Terminal Location.

**Gas Distribution Network:** The physical facilities owned by the Company and utilized to contain, move and measure natural gas.

**Gas Sale Contract:** A written agreement pursuant to which the Company agrees to supply and deliver gas to a specified Terminal Location.

**Gas Supply Charge:** A charge for the gas commodity purchased by the applicant.

**Gas Supply Load Balancing Charge:** A charge in the Rate Schedules where the Company recovers the cost of ensuring gas supply matches consumption on a daily basis.

**General Service Rates:** The Rate Schedules applicable to those Bundled Services for which a specific contract between the Company and the Applicant is not generally required. The General Service Rates include Rates 1, 6, and 9 of the Company.

**Gigajoule ("GJ"):** See Joule.

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**Hourly Demand:** A contractually specified volume of gas applicable to service under a particular Rate Schedule which is the maximum volume of gas the Company is required to deliver to an Applicant on a hourly basis under a Service Contract.

**Imperial Conversion Factors:**

Volume:

1,000 cubic feet (cf)	=	1 Mcf
(m <sup>3</sup> )	=	28.32784 cubic metres
1 billion cubic feet (cf)	=	28.32784 10 <sup>6</sup> m <sup>3</sup>

Pressure:

1 pound force per square inch (p.s.i.)	=	6.894757 kilopascals (kPa)
1 inch Water Column (in W.C.) (60°F)	=	0.249 kPa (15.5°C)
1 standard atmosphere	=	101.325 kPa

Energy:

1 million British thermal units	=	1 MMBtu
	=	1.055056 gigajoules (GJ)
948,213.3 Btu	=	1 GJ

Monetary Value:

\$1 per Mcf	=	\$0.03530096 per m <sup>3</sup>
\$1 per MMBtu	=	\$0.9482133 per GJ

**Interruptible Service:** Gas service which is subject to curtailment for either capacity and/or supply reasons, at the option of the Company.

**Intra-Alberta Service:** Firm transportation service on the Nova pipeline system under which volumes are delivered to an Intra-Alberta point of acceptance.

**Joule ("J"):** The amount of work done when the point of application of a force of one newton is displaced a distance of one metre in the direction of the force. One megajoule ("MJ") means 1,000,000 joules; one gigajoule ("GJ") means 1,000,000,000 joules.

**Large Volume Distribution Contract: (LVDC):** A written agreement pursuant to which the Company agrees to supply and deliver gas to a specified Terminal Location.

**Large Volume Distribution Contract Rates:** The Rate Schedules applicable for annual consumption exceeding 340,000 cubic metres of gas per year and for which a specific contract between the Company and the Applicant is required.

**Load-Balancing:** The balancing of the gas supply to meet demand. Storage and other peak supply sources, curtailment of interruptible services, and diversions from

one delivery point to another may be used by the Company.

**Make-up Volume:** A volume of gas nominated and delivered, pursuant to mutually agreed arrangements, by an Applicant to the Company for the purpose of reducing or eliminating a net debit balance in the Applicant's Banked Gas Account.

**Mean Daily Volume (MDV):** The volume of gas which an Applicant who delivers gas to the Company, under a T-Service arrangement, agrees to deliver to the Company each day in the term of the arrangement.

**Metric Conversion Factors:**

Volume:

1 cubic metre (m <sup>3</sup> )	=	35.30096 cubic feet (cf)
1,000 cubic metres	=	
10 <sup>3</sup> m <sup>3</sup>	=	35,300.96 cf
	=	35.30096 Mcf
28.32784 m <sup>3</sup>	=	1 Mcf

Pressure:

1 kilopascal (kPa)	=	1,000 pascals
(p.s.i.)	=	0.145 pounds per square inch
101.325 kPa	=	one standard atmosphere

Energy:

1 megajoule (MJ)	=	1,000,000 joules
	=	948.2133 British thermal units
(Btu)		
1 gigajoule (GJ)	=	948,213.3 Btu
1.055056 GJ	=	1 MMBtu

Monetary Value:

\$1 per 10 <sup>3</sup> m <sup>3</sup>	=	\$0.02832784 per Mcf
\$1 per gigajoule	=	\$1.055056 per MMBtu

**Minimum Annual Volume:** The minimum annual volume as stated in the customer's contract, also Section E.

**Natural Gas:** Natural and/or residue gas comprised primarily of methane.

**Nominated Volume:** The volume of gas which an Applicant has advised the Company it will deliver to the Company in a day.

**Nominate, Nomination:** The procedure of advising the Company of the volume which the Applicant expects to deliver to the Company in a day.

**Ontario Energy Board:** An agency of the Ontario Government which, amongst other things, approves the Company's Rate Schedules (Part V of this

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HANDBOOK) and the matters described in Parts III and IV of this HANDBOOK.

**Point of Acceptance:** The point at which the Company accepts delivery of a supply of natural gas for transportation to, or purchase from, the Applicant.

**Rate Schedule:** A numbered rate of the Company as fixed or approved by the OEB. that specifies rates, applicability, character of service, terms and conditions of service and the effective date.

**Seasonal Credit:** A credit applicable to Rate 135 customers to recognize the benefits they provide to the storage operations during the winter period.

**Service Contract:** An agreement between the Company and the Applicant which describes the responsibilities of each party in respect to the arrangements for the Company to provide Sales Service or Transportation Service to one or more Terminal Locations.

**System Sales Service:** A service of the Company in which the Company acquires and sells to the Applicant the Applicant's natural gas requirements.

**T-Service:** Transportation Service.

**Terminal Location:** The building or other facility of the Applicant at or in which natural gas will be used by the Applicant.

**Transportation Service:** A service in which the Company agrees to transport gas on the Applicant's behalf to a specified Terminal Location.

**Unbundled Service:** A service in which the demand for natural gas at a Terminal Location is met by the Applicant contracting for separate services (upstream transportation, load balancing/storage, transportation on the Company's distribution system) of which only Transportation Service is mandatory with the Company.

**Western Canada Buy Price:** The price per cubic metre which the Company would pay for gas pursuant to a Buy/Sell Agreement in which the purchase takes place in Western Canada.

## PART II

### RATES AND SERVICES AVAILABLE

The provisions of this PART II are intended to provide a general description of services offered by the Company and certain matters relating thereto. Such provisions are not definitive or comprehensive as to their subject matter and may be changed by the Company at any time without notice.

## SECTION A - INTRODUCTION

### 1. In Franchise Services

Enbridge Gas Distribution provides in franchise services for the transportation of natural gas from the point of its delivery to Enbridge Gas Distribution to the Terminal Location at which the gas will be used. The natural gas to be transported may be owned by the Applicant for service or by the Company. In the latter case, it will be sold to the customer at the outlet of the meter located at the Terminal Location.

Applicants may elect to have the Company provide all-inclusively the services which are mutually agreed to be required or they may select (from the 300 series of rates, and Rate 125) only the amounts of those services which they consider they need.

The all-inclusive services are provided pursuant to Rates 1, 6 and 9, ("the General Service Rates") and Rates 100, 110, 115, 135, 145, and 170 ("the Large Volume Service Rates"). Individual services are available under Rates 125, 300, 315, and 316 ("the Unbundled Service Rates").

Service to residential locations is provided pursuant to Rate 1.

Service which may be interrupted at the option of the Company is available, at rates lower than would apply for equivalent service under a firm rate schedule, pursuant to Rates 145, 170. Under all other rate schedules, service is provided upon demand by the Applicant, i.e., on a firm service basis.

### 2. Ex-Franchise Services

Enbridge Gas Distribution provides ex-franchise services for the transportation of natural gas through its distribution system to a point of interconnection with the distribution system of other distributors of natural gas. Such service is provided pursuant to Rate 200 and provides for the bundled transportation of gas owned by the Company, owned by customers of that distributor, or owned by that distributor.

For the purposes of interpreting the terms and conditions contained in this Handbook of Rates and Distribution Services the ex-franchise distributor shall be considered to be the applicant for the transportation of its customer owned gas and shall assume all the obligations of transportation as if it owned the gas.

Nominations for transportation service must specify whether the volume to be transported is to displace firm or interruptible demand or general service.

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In addition, the Company provides Compression, Storage, and Transmission services on its Tecumseh system under Rates 325, 330 and 331.

## **SECTION B -DIRECT PURCHASE ARRANGEMENTS**

Applicants who purchase their natural gas requirements directly from someone other than the Company or who are brokers or agents for an end user, may arrange to transport gas on the Company's distribution network using one of the following options: a) in conjunction with a Western Buy/Sell Arrangement, b) Ontario Delivery Transportation Service Arrangement, whether Bundled or Unbundled, c) Western Bundled Transportation Service Arrangement or d) Dawn Bundled Transportation Service.

### **A. Western Canada**

Buy/Sell in a Western Canada Buy/Sell Arrangement the Applicant delivers gas to a point in Western Canada which connects with the transmission pipeline of TransCanada PipeLines Limited. At that point, the Company purchases the gas from the Applicant at a price specified in Rider 'B' of the rate schedules less the costs for transmission of the gas from the point of purchase to a point in Ontario at which the Company's gas distribution network connects with a transmission pipeline system. The Company will not be entering into any new Western Canada buy/sell arrangements after April 1, 1999.

### **B. Ontario Delivery T-Service Arrangement**

In an Ontario Delivery T-Service Arrangement the Applicant delivers gas, to a contractually agreed-upon point of acceptance in Ontario.

Delivery from the point of direct interconnection with the Company's gas distribution network to a Terminal Location served from the Company's gas distribution network may be obtained by the Applicant either under the Bundled Service Rate Schedules or under the Unbundled Service Rate Schedules.

#### **(i) Bundled T-Service**

Bundled T-Service is so called because all of the services required by the Applicant (delivery and load balancing) are provided for the prices specified in the applicable Rate Schedule. In a Bundled T-Service arrangement the Applicant contracts to deliver each day to the Company a Mean Daily Volume of gas. Fluctuations in the demand for gas at the Terminal Location are balanced by the Company.

#### **(ii) Unbundled T-Service**

The Unbundled Service Rates allow an Applicant to contract for only such kinds of service as the Applicant chooses. The potential advantage to an Applicant is that the chosen amounts of service may be less than the amounts required by an average customer represented in the applicable Rate Schedule, in which case the Applicant may be able to reduce the costs otherwise payable under Bundled T-Service.

### **C. Western Delivery T-Service Arrangement**

In a Western Delivery T-Service Arrangement the Applicant contracts to deliver each day to a point on the TransCanada PipeLines Ltd. transmission system in Western Canada a Mean Daily Volume of gas plus fuel gas. Delivery from that point to the Terminal Location is carried out by the Company using its contracted capacity on the TransCanada PipeLines Limited system and its gas distribution network. Unbundled T-Service in Ontario is not available with the Western Delivery Option.

An Applicant desiring to receive Transportation Service or to establish a Buy/Sell Agreement must first enter into the applicable written agreements with the Company.

### **D. Dawn Delivery T-Service Arrangement**

In a Dawn Delivery T-Service Arrangement the Applicant contracts to deliver each day to the Dawn natural gas hub as point of acceptance the Mean Daily Volume of gas. Delivery from that point to the Terminal Location is carried out by the Company using capacity of facilities upstream of the distribution system and its gas distribution network.

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## **PART III**

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### **TERMS AND CONDITIONS APPLICABLE TO ALL SERVICES**

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The provisions of this PART III are applicable to, and only to, Sales Service and Transportation Service.

## **SECTION A - AVAILABILITY**

Unless otherwise stated in a Rate Schedule, the Company's rates and services are available throughout the entire franchised area serviced by the Company. Transportation service and/or sales service will be provided subject to the Company having the capacity in its gas distribution network to provide the service requested. When the Company is requested to supply

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the natural gas to be delivered, service shall be available subject to the Company having available to it a supply of gas adequate to meet the requirement without jeopardizing the supply to its existing customers.

Service shall be made available after acceptance by the Company of an application for service to a Terminal Location at which the natural gas will be used.

#### **SECTION B - ENERGY CONTENT**

The price of natural gas sold at a Terminal Location is based on the assumption that each cubic metre of such natural gas contains a certain number of megajoules of energy which number is specified in the Rate Schedules. Variations in cost resulting from the energy content of the gas actually delivered to the Company by its supplier(s) differing from the assumed energy content will be recorded and used to adjust future bills. Such adjustments shall be made in accordance with practices approved from time to time by the Ontario Energy Board.

#### **SECTION C - SUBSTITUTION PROVISION**

The Company may deliver gas from any standby equipment provided that the gas so delivered shall be reasonably equivalent to the natural gas normally delivered.

#### **SECTION D - BILLS**

Bills will be mailed or delivered monthly or at such other time period as set out in the Service Contract. Gas consumption to which the Company's rates apply will be determined by the Company either by meter reading or by the Company's estimate of consumption where meter reading has not occurred. The rates and charges applicable to a billing month shall be those applicable to the calendar month which includes the last day of the billing month.

#### **SECTION E - MINIMUM BILLS**

The minimum bill per month applicable to service under any particular Rate Schedule shall be the Customer Charge plus any applicable Contract Demand Charges for Delivery, Gas Supply Load Balancing, and Gas Supply and any applicable Direct Purchase Administration Charge, all as provided for in the applicable Rate Schedule.

In addition, for service under each of the Large Volume Distribution Contract Rates, if in a contract year a volume of gas equal to or greater than the product of the Contract Demand multiplied by a contractually

specified multiple of the Contract Demand ("Minimum Annual Volume") is not taken at the Terminal Location the Applicant shall pay, in addition to the minimum monthly bills, the amount obtained when the difference between the Minimum Annual Volume and the volume taken in the contract year (such difference being the Annual Volume Deficiency) is multiplied by the applicable Minimum Bill Charge(s) as provided for in the applicable Rate Schedule. Notwithstanding the foregoing, the Minimum Annual Volume shall be the greater of the Minimum Annual Volume as determined above and 340,000 m<sup>3</sup>.

If gas deliveries to the Terminal Location have been ordered to be curtailed or discontinued in a contract year at the request of the Company and have been curtailed or discontinued as ordered, the Minimum Annual Volume shall be reduced for each day of curtailment or discontinuance by the excess of the Contract Demand over the volume delivered to the Terminal Location on such day.

#### **SECTION F - PAYMENT CONDITIONS**

Enbridge Gas Distribution charges are due when the bill is received, which is considered to be three days after the date the bill is rendered, or within such other time period as set out in the Service Contract. A late payment charge of 1.5% per month (19.56% effectively per annum) of all of the unpaid Enbridge Gas Distribution charges, including all applicable federal and provincial taxes, is applied to the account on the seventeenth (17<sup>th</sup>) day following the date the bill is due.

#### **SECTION G - TERM OF ARRANGEMENT**

When gas service is provided and there is no written agreement in effect relating to the provision of such service, the term for which such service is to continue shall be one year. The term shall automatically be extended for a further year immediately following the expiry of any initial one year term or one year extension unless reasonable notice to terminate service is given to the Company, in a manner acceptable to the Company, prior to the expiry of the term. An Applicant receiving such service who temporarily discontinues service in the initial one year term or any one year extension and does not pay all the minimum bills for the period of such temporary discontinuance of service shall, upon the continuance of service, be liable to pay an amount equal to the unpaid minimum bills for such period. When a written agreement is in effect relating to the provision of gas service, the term for which such service is to continue shall be as provided for in the agreement.

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## **SECTION H - RESALE PROHIBITION**

Gas taken at a Terminal Location shall not be resold other than in accordance with all applicable laws and regulations and orders of any governmental authority or OEB having jurisdiction.

## **SECTION I - MEASUREMENT**

The Company will install, operate and maintain at a Terminal Location such measurement equipment of suitable capacity and design as is required to measure the volume of gas delivered. Any special conditions for measurement are contained in the General Terms and Conditions which form part of each Large Volume Distribution Contract.

## **SECTION J - RATES IN CONTRACTS**

Notwithstanding any rates for service specified in any Service Contract, the rates and charges provided for in an applicable Rate Schedule shall apply for service rendered on and after the effective date stated in such Rate Schedule until such Rate Schedule ceases to be applicable.

## **SECTION K - ADVICE RE: CURTAILMENT**

The Company, if requested, will advise Applicants taking interruptible service of its estimate of service curtailment for the forthcoming winter. Such estimate will be provided as guidance to the Applicant in arranging for alternate fuel supply requirements. Abnormal weather and/or other unforeseen events may cause greater or lesser curtailment of service than expected.

## **SECTION L - DAILY DELIVERED VOLUMES**

For purposes including that of calculating daily overrun gas volumes, the Company will recognize as having been delivered to it on a given day the sum of:

- a) the volume of gas delivered under Intra-Alberta transportation arrangements, if any, plus;
- b) the volume of gas delivered under FT transportation arrangements, if any, plus;

## **SECTION M - AUTHORIZED OVERRUN GAS**

If an Applicant requests permission to exceed the Authorized Volume for a day, and such authorization is granted, such gas shall constitute Authorized Overrun Gas. Such gas shall either be sold by the Company to the Applicant pursuant to the provisions of Rate 320 applicable on such day, or, at the Company's sole

discretion, under the Rate Schedule the customer is purchasing prior to such request. If the Applicant is supplying their own gas requirements and if the Applicant request and at the Company's sole discretion, such Overrun Gas will be debited to the Applicant's Banked gas Account.

## **SECTION N - UNAUTHORIZED SUPPLY OVERRUN GAS**

If an Applicant for Transportation Service pursuant to the General Service Rates on any day delivers to the Company a Daily Delivered Volume which is less than the Mean Daily Volume, the volume of gas by which the Mean Daily Volume applicable to such day exceeds the Daily Delivered Volume delivered by the Applicant to the Company on such day shall constitute Unauthorized Supply Overrun Gas and shall be deemed to have been taken and purchased on such day. The rate applicable to such volume shall be 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and the EDA delivery areas respectively.

Unauthorized Supply Overrun Gas for a day applicable to a Service Contract with an Applicant for service under the Large Volume Distribution Contract Rates is:

- (a) the volume of gas by which the Daily Gas Quantity under the Service Contract on such day exceeds the Authorized Volume for such day, if any plus
- (b) if the day is in the months of December to March inclusive for an Applicant taking service on Rate 135 under Option a) or if the day is in the month of December under Option b), or if the day is a day on or in respect of which the Applicant has been requested in accordance with the Service Contract to curtail or discontinue the use of gas and the Service Contract is in whole or in part for interruptible Transportation Service, the volume of gas, if any, by which
  - (i) the Mean Daily Volume set out in the Service Contract and is applicable to such day exceeds
  - (ii) the Daily Delivered Volume delivered by the Applicant to the Company on such day, which excess volume of gas shall be deemed to have been taken and purchased by the Applicant on such day.

The Applicant shall pay the Company for Unauthorized Supply Overrun Gas at the rate applicable to Unauthorized Supply Overrun Gas as provided for in

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the Rate Schedule(s) applicable to the Service Contract.

An Applicant taking service pursuant to a Gas Delivery Agreement and a Large Volume Distribution Contract Rate must provide two business days notice to the Company of the Applicant's intention to deliver a Daily Delivered Volume which is less than the Mean Daily Volume for a specified time period. Failure to provide proper notice will result in Unauthorized Supply Overrun Gas calculated as the difference between Daily Delivered Volume and the Mean Daily Volume.

Unauthorized Supply Overrun Gas for a day applicable to a Service Contract with an Applicant for service under Rate 125 or Rate 300 shall be determined from the provisions of the applicable Rate Schedule. The Applicant shall pay the Company for Unauthorized Supply Overrun Gas at the rate applicable to Unauthorized Supply Overrun Gas as provided for in the Rate Schedule(s) applicable to the Service Contract.

#### **SECTION O – COMPANY RESPONSIBILITY AND LIABILITY**

This Section O applies only to gas distribution service under Rates 1, 6 and 9, and does not replace or supercede the terms in any applicable Service Contract.

The Company shall make reasonable efforts to maintain, but does not guarantee, continuity of gas service to its customers. The Company may, in its sole discretion, terminate or interrupt gas service to customers;

to maintain safety and reliability on, or to facilitate construction, installation, maintenance, repair, replacement or inspection of the Company's facilities; or

for any reason related to dangerous or hazardous circumstances, emergencies or Force Majeure.

The Company shall not be liable for any loss, injury, damage, expense, charge, cost or liability of any kind, whether direct, indirect, special or consequential in nature, (excepting only direct physical loss, injury or damage to a customer or a customer's property, resulting from the negligent acts or omissions of the Company, its employees or agents) arising from or connected with any failure, defect, fluctuation or interruption in the provision of gas service by the Company to its customers.

#### **SECTION P – OBLIGATION FOR LARGE CUSTOMERS TO PROVIDE CONSUMPTION AND EMERGENCY CONTACT INFORMATION**

All customers whose annual consumption exceeds 1,000,000 m3 are obligated to provide their expected annual consumption, peak demand, and emergency contact information to the Company annually.

#### **PART IV**

#### **TERMS AND CONDITIONS – DIRECT PURCHASE ARRANGEMENTS**

Any Applicant, at the time of applying for service, may elect, in and for the term of any Service Contract, to deliver its own natural gas requirements to the Company and the Company shall deliver gas to a Terminal Location as required by the Applicant, subject to the terms and conditions contained in the applicable Rate Schedule and in the Service Contract. For Buy/Sell Arrangements and Bundled T-Service the deliveries by the Applicant to the Company shall be at the Applicant's estimated mean daily rate of consumption.

Backstopping of an Applicant's natural gas supply for Transportation Service arrangements will be available pursuant to Rate 320 subject to the Company's ability to do so using reasonable commercial efforts. Gas Purchase Agreements in respect to Buy/Sell Arrangements shall specify terms and conditions available to the Company to alleviate certain consequences of the Applicant's failure to deliver the required volume of gas.

The following Terms and Conditions shall apply to, and only to, Transportation Service and/or Gas Purchase Agreements.

#### **SECTION A - NOMINATIONS**

An Applicant delivering gas to the Company pursuant to a contract is responsible for advising the Company, by means of a contractually specified Nomination procedure, of the daily volume of gas to be delivered to the Company by or on behalf of the Applicant.

An initial daily volume must be Nominated by a contractually specified time before the first day on which gas is to be delivered to the Company. Any Nomination, once accepted by the Company, shall be considered as a standing nomination applicable to each subsequent day in a contract term unless specifically varied by written notice to the Company.

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A contract may specify certain contractual provisions that are applicable in the event that an Applicant either fails to advise of a revised daily nomination or fails to deliver the daily volume so nominated.

A Nominated Volume in excess of the Applicant's Maximum Daily Volume as specified in the Service Contract will not be accepted except as specifically provided for in any contract.

#### **SECTION B - OBLIGATION TO DELIVER**

During any period of curtailment or discontinuance of Bundled interruptible Transportation Service as ordered by the Company, any Applicant supplying its own gas requirements must, on such day, deliver to the Company the Mean Daily Volume of gas specified in any Service Contract.

Each Applicant taking service pursuant to a Gas Delivery Agreement and a Large Volume Distribution Contract Rate is obligated to deliver the Mean Daily Volume of gas as specified in any Service Contract, unless the Applicant provides two business days notice to the Company of the Applicant's intention to deliver a Daily Delivered Volume which is less than the Mean daily Volume for a specified time period.

An Applicant taking service on Rate 135 under Option a) must deliver to the Company the Mean Daily Volume of gas specified in the Service Contract in the months of December to March, inclusive.

An Applicant taking service on Rate 135 under Option b) must deliver to the Company the Modified Mean Daily Volume of gas specified in the Service Contract in the month of December.

Applicants taking service on General Service rates pursuant to a Direct Purchase Agreement must, on each day in the term of such agreement, deliver to the Company the Mean Daily Volume of gas specified in such agreement.

#### **SECTION C - DIVERSION RIGHTS**

Subject to compliance with the Terms and Conditions of all Required Orders, an Applicant who has entered into a Transportation Service Agreement or Agreements which provide(s) for deliveries to the Company for more than one Terminal Location shall have the right, on such terms and only on such terms as are specified in the applicable Transportation Service Agreement, to divert deliveries from one or more contractually specified Terminal Locations to other contractually specified Terminal Locations.

#### **SECTION D - BANKED GAS ACCOUNT (BGA)**

For T-Service Applicants, the Company shall keep a record ("Banked Gas Account") of the volume of gas delivered by the Applicant to the Company in respect of a Terminal Location (credits) and of the volume of gas taken by the Applicant at the Terminal Location (debits). (Any volume of gas sold by the Company to the Applicant in respect to the Terminal Location shall not be debited to the Banked Gas Account). The Company shall periodically report to the Applicant the net balance in the Applicant's Banked Gas Account.

#### **SECTION E - DISPOSITION OF BANKED GAS ACCOUNT (BGA) BALANCES**

A. The following Terms and Conditions shall apply to Bundled T-Service:

(a) At the end of each contract year, disposition of any net debit balance in the Banked Gas Account (BGA) shall be made as follows:

The Applicant may elect to return to the Company, in kind, during the one hundred and eighty (180) days following the end of the contract year, that portion of any debit balance in the Banked Gas Account as at the end of the contract year not exceeding a tolerance volume of 5.5% times MDV deliveries for the contract term, by the Applicant delivering to the Company on days agreed upon by the Company and the Applicant a volume of gas greater than the Mean Daily Volume, if any, applicable to such day under a Service Contract. Any volume of gas returned to the Company as aforesaid shall not be credited to the Banked Gas Account in the subsequent contract year. Any debit balance in the Banked Gas Account as at the end of the contract year which is not both elected to be returned, and actually returned, to the Company as aforesaid shall be deemed to have been sold to the Applicant and the Applicant shall pay for such gas within ten (10) days of the rendering of a bill therefor. The rate applicable to such gas shall be:

- (1) For Bundled Western T-Service, 120% of the average price over the contracted year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs.
- (2) For Bundled Dawn T-Service, 120% of the average price over the contracted year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls including

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compressor fuel costs, plus the Company's average transportation cost to its franchise area over the contract year and less the Company's average Dawn T-Service transportation cost to the franchise area over the contract year.

(3) For Bundled Ontario T-Service, 120% of the average price over the contracted year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs, plus the Company's average transportation cost to its franchise area over the contract year.

(b) A credit balance in the Banked Gas Account as at the end of the contract year must be eliminated in one or more of the following manners, namely:

(i) Subject to clause (ii), if the Applicant continues to take service from the Company under a contract pursuant to which the Applicant delivers gas to the Company, that portion of such balance which does not exceed a tolerance volume of 5.5% times MDV deliveries for the contract year may be carried forward as a credit to the Banked Gas Account for the next succeeding contract year. Any volume within the tolerance shall be carried forward, and may only, be reduced within the period of one hundred and eighty (180) days ("Adjustment Period") immediately following the contract year, by the Applicant delivering to the Company, on days in the Adjustment Period agreed upon by the Company and the Applicant ("Adjustment Days"), a volume of gas less than the Mean Daily Volume applicable to such day under a Service Contract. Subject to the foregoing, the credit balance in the Banked Gas Account shall be deemed to be reduced on each Adjustment Day by the volume ("Daily Reduction Volume") by which the Mean Daily Volume applicable to such day exceeds the greater of the volume of gas delivered by the Applicant on such day and the Nominated Volume for such day which was accepted by the Company.

(ii) Any portion of a credit balance in the Banked Gas Account which is not eligible to be eliminated in accordance with clause (i), or which the Applicant elects (by written notice to the Company within thirty (30) days of the end of the contract year) to sell under this clause, shall be deemed to have been tendered for sale to the Company and the Company shall purchase such portion at:

(1) For Bundled Western T-Service, a price per cubic metre of eighty percent (80%) of the average price over the contract year, based on the

published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs, less the Company's average transportation cost to its franchise area over the contract year.

(2) For Bundled Dawn T-Service, a price per cubic metre of eighty percent (80%) of the average price over the contract year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls including compressor fuel costs, less the Company's average Dawn T-Service transportation cost to the franchise area over the contract year.

(3) For *Bundled Ontario T-Service*, a price per cubic metre of eighty percent (80%) of the average price over the contract year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs.

Any volume of gas deemed to have been so tendered for sale shall be deemed to have been eliminated from the credit balance of the Banked Gas Account.

During the Adjustment Period the Company shall use reasonable efforts to accept the Applicant's reduced gas deliveries. Any credit balance in the Banked Gas Account not eliminated as aforesaid in the Adjustment Period shall be forfeited to, and be the property of, the Company, and such volume of gas shall be debited to the Banked Gas Account as at the end of the Adjustment Period.

Subject to its ability to do so, the Company will attempt to accommodate arrangements which would permit adjustments to Banked Gas Account balances at times and in a manner which are mutually agreed upon by the Applicant and the Company.

B. The following Terms and Conditions shall apply to Unbundled Service:

The Terms and Conditions for disposition of Cumulative Imbalance Account balances shall be as specified in the applicable Service Contracts.

**APPLICABILITY:**

To any Applicant needing to use the Company's natural gas distribution network to have transported a supply of natural gas to a residential building served through one meter and containing no more than six dwelling units ("Terminal Location").

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

**Monthly Customer Charge****Billing Month**

January

to

December

**\$20.00****Delivery Charge per cubic metre**For the first 30 m<sup>3</sup> per month**11.0799 ¢/m<sup>3</sup>**For the next 55 m<sup>3</sup> per month**10.4625 ¢/m<sup>3</sup>**For the next 85 m<sup>3</sup> per month**9.9791 ¢/m<sup>3</sup>**For all over 170 m<sup>3</sup> per month**9.6188 ¢/m<sup>3</sup>****Transportation Charge per cubic metre** (If applicable)**4.7525 ¢/m<sup>3</sup>****Transportation Dawn Charge per cubic metre** (If applicable)**1.0404 ¢/m<sup>3</sup>****System Sales Gas Supply Charge per cubic metre** (If applicable)**9.4452 ¢/m<sup>3</sup>****Cap and Trade Customer Related Charge** (If applicable)**3.3181 ¢/m<sup>3</sup>****Cap and Trade Facility Related Charge****0.0337 ¢/m<sup>3</sup>**

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". Also, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F".

The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

EFFECTIVE DATE:

April 1, 2018

IMPLEMENTATION DATE:

April 1, 2018

BOARD ORDER:

EB-2018-0090

REPLACING RATE EFFECTIVE:

January 1, 2018

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**APPLICABILITY:**

To any Applicant needing to use the Company's natural gas distribution network to have transported a supply of natural gas to a single terminal location ("Terminal Location") for non-residential purposes.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$70.00</b>
<b>Delivery Charge per cubic metre</b>	
For the first 500 m <sup>3</sup> per month	10.3500 ¢/m <sup>3</sup>
For the next 1050 m <sup>3</sup> per month	8.2392 ¢/m <sup>3</sup>
For the next 4500 m <sup>3</sup> per month	6.7611 ¢/m <sup>3</sup>
For the next 7000 m <sup>3</sup> per month	5.8114 ¢/m <sup>3</sup>
For the next 15250 m <sup>3</sup> per month	5.3894 ¢/m <sup>3</sup>
For all over 28300 m <sup>3</sup> per month	5.2834 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	4.7525 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.0404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	9.4665 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". Also, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F".

The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 1 of 1
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**APPLICABILITY:**

To any Applicant needing to use the Company's natural gas distribution network to have transported a supply of natural gas to a single terminal location ("Terminal Location") at which, such gas is authorized by the Company to be resold by filling pressurized containers.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$235.95</b>
<b>Delivery Charge per cubic metre</b>	
For the first 20,000 m <sup>3</sup> per month	11.2656 ¢/m <sup>3</sup>
For all over 20,000 m <sup>3</sup> per month	10.5459 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	4.7525 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.0404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	9.4103 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), to be delivered at a specified maximum daily volume of not less than 10,000 cubic metres and not more than 150,000 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> <u>to</u> <u>December</u> <u>\$122.01</u>
<b>Monthly Customer Charge</b>	
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	36.0000 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	0.1762 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	1.3881 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	4.7525 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.0404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	9.4665 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

**Monthly Minimum Bill:** The Monthly Customer Charge plus the Monthly Contract Demand Charge.

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

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**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of an annual supply of natural gas of not less than 146 times a specified maximum daily volume of not less than 1,865 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$587.37</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	22.9100 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.8445 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.6945 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.2914 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.7525 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.0404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.4104 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

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RATE NUMBER: **110**

**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**5.8612 ¢/m³**

In determining the Annual Volume Deficiency, the minimum bill multiplier shall not be less than 146.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of an annual supply of natural gas of not less than 292 times a specified maximum daily volume of not less than 1,165 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$622.62</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	24.3600 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.4235 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.3235 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.1043 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.7525 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.0404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.4104 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

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**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**5.2530 ¢/m³**

In determining the Annual Volume Deficiency the minimum bill multiplier shall not be less than 292.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of a specified maximum daily volume of natural gas. The maximum daily volume for billing purposes, Contract Demand or Billing Contract Demand, as applicable, shall not be less than 600,000 cubic metres. The Service under this rate requires Automatic Meter Reading (AMR) capability.

**CHARACTER OF SERVICE:**

Service shall be firm except for events specified in the Service Contract including force majeure.

For Non-Dedicated Service the monthly demand charges payable shall be based on the Contract Demand which shall be 24 times the Hourly Demand and the Applicant shall not exceed the Hourly Demand.

For Dedicated Service the monthly demand charges payable shall be based on the Billing Contract Demand or the Contract Demand specified in the Service Contract. The Applicant shall not exceed an hourly flow calculated as 1/24th of the Contract Demand specified in the Service Contract.

**DISTRIBUTION RATES:**

The following rates and charges, as applicable, shall apply for deliveries to the Terminal Location.

<b>Monthly Customer Charge</b>	<b>\$500.00</b>		
<b>Demand Charge</b>			
Per cubic metre of the Contract Demand or the Billing Contract Demand, as applicable, per month	<b>9.8840 ¢/m<sup>3</sup></b>		
	<u><b>Non-Dedicated</b></u>	<u><b>Dedicated</b></u>	
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>	<b>3.3181 ¢/m<sup>3</sup></b>	
<b>Cap and Trade Facility Related Charge</b>	<b>0.0290 ¢/m<sup>3</sup></b>	<b>0.0018 ¢/m<sup>3</sup></b>	
<b>Direct Purchase Administration Charge</b>	<b>\$75.00</b>		
<b>Forecast Unaccounted For Gas Percentage</b>	<b>0.7%</b>		

**Monthly Minimum Bill:** The Monthly Customer Charge plus the Monthly Demand Charge.

**TERMS AND CONDITIONS OF SERVICE:**

- To the extent that this Rate Schedule does not specifically address matters set out in PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** then the provisions in those Parts shall apply, as contemplated therein, to service under this Rate Schedule.

- Unaccounted for Gas (UFG) Adjustment Factor:**

The Applicant is required to deliver to the Company on a daily basis the sum of: (a) the volume of gas to be delivered to the Applicant's Terminal Location; and (b) a volume of gas equal to the forecast unaccounted for gas percentage as stated above multiplied by (a). In the case of a Dedicated Service, the Unaccounted for Gas volume requirement is not applicable.

- Nominations:**

Customer shall nominate gas delivery daily based on the gross commodity delivery required to serve the customer's daily load plus the UFG. Customers may change daily nominations based on the nomination windows within a day as defined by the customer contract with TransCanada PipeLines (TCPL) or Union Gas Limited.

Schedule of nominations under Rate 125 has to match upstream nominations. This rate does not allow for any more flexibility than exists upstream of the EGD gas distribution system. Where the customer's nomination does not match the confirmed upstream nomination, the nomination will be confirmed at the upstream value.

Customer may nominate gas to a contractually specified Primary Delivery Area that may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA) or other Delivery Area as specified in the applicable Service Contract. The Company may accept deliveries at a Secondary Delivery Area such as Dawn, at its sole discretion. Quantities of gas nominated to the system cannot exceed the Contract Demand, unless Make-up Gas or Authorized Overrun is permitted.

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Customers with multiple Rate 125 contracts within a Primary Delivery Area may combine nominations subject to system operating requirements and subject to the Contract Demand for each Terminal Location. For combined nominations the customer shall specify the quantity of gas to each Terminal Location and the order in which gas is to be delivered to each Terminal Location. The specified order of deliveries shall be used to administer Load Balancing Provisions to each Terminal Location. When system conditions require delivery to a single Terminal Location only, nominations with different Terminal Locations may not be combined.

The Company permits pooling of Rate 125 contracts for legally related customers who meet the Business Corporations Act (Ontario) ("OBCA") definition of "affiliates" to allow for the management of those contracts by a single manager. The single manager is jointly liable with the individual customers for all of their obligations under the contracts, while the individual customers are severally liable for all of their obligations under their own contracts.

#### 4. Authorized Demand Overrun:

The Company may, at its sole discretion, authorize consumption of gas in excess of the Contract Demand for limited periods within a month, provided local distribution facilities have sufficient capacity to accommodate higher demand. In such circumstances, customer shall nominate gas delivery based on the gross commodity delivery (the sum of the customer's Contract Demand and the authorized overrun amount) required to serve the customer's daily load, plus the UFG. In the event that gas usage exceeds the gas delivery on a day where demand overrun is authorized, the excess gas consumption shall be deemed Supply Overrun Gas.

Such service shall not exceed 5 days in any contract year. Based on the terms of the Service Contract, requests beyond 5 days will constitute a request for a new Contract Demand level with retroactive charges. The new Contract Demand level may be restricted by the capability of the local distribution facilities to accommodate higher demand.

Automatic authorization of transportation overrun over the Billing Contract Demand will be given in the case of Dedicated Service to the Terminal Location provided that pipeline capacity is available and subject to the Contract Demand as specified in the Service Contract.

Authorized Demand Overrun Rate

**0.32 ¢/m³**

The Authorized Demand Overrun Rate may be applied to commissioning volumes at the Company's sole discretion, for a contractual period of not more than one year, as specified in the Service Contract.

#### 5. Unauthorized Demand Overrun:

Any gas consumed in excess of the Contract Demand and/or maximum hourly flow requirements, if not authorized, will be deemed to be Unauthorized Demand Overrun gas. Unauthorized Demand Overrun gas may establish a new Contract Demand effective immediately and shall be subject to a charge equal to 120 % of the applicable monthly charge for twelve months of the current contract term, including retroactively based on terms of Service Contract. Based on capability of the local distribution facilities to accommodate higher demand, different conditions may apply as specified in the applicable Service Contract. Unauthorized Demand Overrun gas shall also be subject to Unauthorized Supply Overrun provisions.

#### 6. Unauthorized Supply Overrun:

Any volume of gas taken by the Applicant on a day at the Terminal Location which exceeds the sum of:

- i. any applicable provisions of Rate 315 and any applicable Load Balancing Provision pursuant to Rate 125, plus
- ii. the volume of gas delivered by the Applicant on that day shall constitute Unauthorized Supply Overrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Overrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 125.

Any gas deemed to be Unauthorized Overrun gas shall be purchased by the customer at a price (Pe), which is equal to 150% of the highest price in effect for that day as defined below\*.

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## 7. Unauthorized Supply Underrun:

Any volume of gas delivered by the Applicant on any day in excess of the sum of:

- i. any applicable provisions of Rate 315 and any applicable Load Balancing Provision pursuant to Rate 125, plus
- ii. the volume of gas taken by the Applicant at the Terminal Location on that day shall be classified as Supply Underrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Underrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 125.

Any gas deemed to be Unauthorized Supply Underrun Gas shall be purchased by the Company at a price ( $P_u$ ) which is equal to fifty percent (50%) of the lowest price in effect for that day as defined below\*\*.

\* where the price  $P_e$  expressed in cents / cubic metre is defined as follows:

$$P_e = (P_m * E_r * 100 * 0.03842 / 1.055056) * 1.5$$

$P_m$  = highest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

$E_r$  = **Daily Average exchange rate** expressed in Canadian dollars per U.S. dollar for such day quoted by the Bank of Canada in the following day's Globe & Mail Publication.

1.055056 = Conversion factor from mmBtu to GJ.

0.03842 = Conversion factor from GJ to cubic metres.

\*\* where the price  $P_u$  expressed in cents / cubic metre is defined as follows:

$$P_u = (P_l * E_r * 100 * 0.03842 / 1.055056) * 0.5$$

$P_l$  = lowest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

## Term of Contract:

A minimum of one year. A longer-term contract may be required if incremental contracts/assets/facilities have been procured/built for the customer. Migration from an unbundled rate to bundled rate may be restricted subject to availability of adequate transportation and storage assets.

## Right to Terminate Service:

The Company reserves the right to terminate service to customers served hereunder where the customer's failure to comply with the parameters of this rate schedule, including the load balancing provisions, jeopardizes either the safety or reliability of the gas system. The Company shall provide notice to the customer of such termination; however, no notice is required to alleviate emergency conditions.

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**LOAD BALANCING PROVISIONS:**

Load Balancing Provisions shall apply at the customer's Terminal Location or at the location of the meter installation for a customer served from a dedicated facility. In the event of an imbalance any excess delivery above the customer's actual consumption or delivery less than the actual consumption shall be subject to the Load Balancing Provisions.

**Definitions:**

**Aggregate Delivery:**

The Aggregate Delivery for a customer's account shall equal the sum of the confirmed nominations of the customer for delivery of gas to the applicable delivery area from all pipeline sources including where applicable, the confirmed nominations of the customer for Storage Service under Rate 316 or Rate 315 and any available No-Notice Storage Service under Rate 315 for delivery of gas to the Applicable Delivery Area.

**Applicable Delivery Area:**

The Applicable Delivery Area for each customer shall be specified by contract as a Primary Delivery Area. Where system-operating conditions permit, the Company, in its sole discretion, may accept a Secondary Delivery Area as the Applicable Delivery Area by confirming the customer's nomination of such area. Confirmation of a Secondary Delivery Area for a period of a gas day shall cause such area to become the Applicable Delivery Area for such day. Where delivery occurs at both a Terminal Location and a Secondary Delivery Area on a given day, the sum of the confirmed deliveries may not exceed the Contract Demand, unless Demand Overrun and/or Make-up Gas is authorized.

**Primary Delivery Area:**

The Primary Delivery Area shall be delivery area such as EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA), or other Delivery Area as specified in the applicable Service Contract.

**Secondary Delivery Area:**

A Secondary Delivery Area may be a delivery area such as Dawn where the Company, at its sole discretion, determines that operating conditions permit gas deliveries for a customer.

**Actual Consumption:**

The Actual Consumption of the customer shall be the metered quantity of gas consumed at the customer's Terminal Location or in the event of combined nominations at the Terminal Locations specified.

**Net Available Delivery:**

The Net Available Delivery shall equal the Aggregate Delivery times one minus the annually determined percentage of Unaccounted for Gas (UFG) as reported by the Company.

**Daily Imbalance:**

The Daily Imbalance shall be the absolute value of the difference between Actual Consumption and Net Available Delivery.

**Cumulative Imbalance:**

The Cumulative Imbalance shall be the sum of the difference between Actual Consumption and Net Available Delivery since the date the customer last balanced or was deemed to have balanced its Cumulative Imbalance account.

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**Maximum Contractual Imbalance:**

The Maximum Contractual Imbalance shall be equal to 60% of the customer's Contract Demand for non dedicated service and 60% of the Billing Contract Demand for dedicated service.

**Winter and Summer Seasons:**

The winter season shall commence on the date that the Company provides notice of the start of the winter period and conclude on the date that the Company provides notice of the end of the winter period. The summer season shall constitute all other days. The Company shall provide advance notice to the customer of the start and end of the winter season as soon as reasonably possible, but in no event not less than 2 days prior to the start or end.

**Operational Flow Order:**

An Operational Flow Order (OFO) shall constitute an issuance of instructions to protect the operational capacity and integrity of the Company's system, including distribution and/or storage assets, and/or connected transmission pipelines.

Enbridge Gas Distribution, acting reasonably, may call for an OFO in the following circumstances:

- Capacity constraint on the system, or portions of the system, or upstream systems, that are fully utilized;
- Conditions where the potential exists that forecasted system demand plus reserves for short notice services provided by the Company and allowances for power generation customers' balancing requirements would exceed facility capabilities and/or provisions of 3rd party contracts;
- Pressures on the system or specific portions of the system are too high or too low for safe operations;
- Storage system constraints on capacity or pressure or caused by equipment problems resulting in limited ability to inject or withdraw from storage;
- Pipeline equipment failures and/or damage that prohibits the flow of gas;
- Any and all other circumstances where the potential for system failure exists.

**Daily Balancing Fee:**

On any day where the customer has a Daily Imbalance the customer shall pay a Daily Balancing Fee equal to:

(Tier 1 Quantity X Tier 1 Fee) + (Tier 2 Quantity X Tier 2 Fee) + (Applicable Penalty Fee for Imbalance in excess of the Maximum Contractual Imbalance X the amount of Daily Imbalance in excess of the Maximum Contractual Imbalance)

Where Tier 1 and 2 Fees and Quantities are set forth as follows:

Tier 1 = 0.8833 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance

Tier 2 = 1.06 cents/m3 applied to Daily Imbalance of greater than 10% but less than the Maximum Contractual Imbalance

In addition for Tier 2, instances where the Daily Imbalance represents an under delivery of gas during the winter season shall constitute Unauthorized Supply Overrun Gas for all gas in excess of 10% of Maximum Contractual Imbalance. Where the Daily Imbalance represents an over delivery of gas during the summer season, the Company reserves the right to deem as Unauthorized Supply Underrun Gas for all gas in excess of 10% of Maximum Contractual Imbalance. The Company will issue a 24-hour advance notice to customers of its intent to impose cash out for over delivery of gas during the summer season.

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For customers delivering to a Primary Delivery Area other than EGD's CDA or EGD's EDA, the Tier 1 Fee is applied to Daily Imbalance of greater than 0% but less than 10% of the Maximum Contractual Imbalance

The customers shall also pay any Limited Balancing Agreement (LBA) charges imposed by the pipeline on days when the customer has a Daily Imbalance provided such imbalance matches the direction of the pipeline imbalance. LBA charges shall first be allocated to customers served under Rates 125 and 300. The system bears a portion of these charges only to the extent that the system incurs such charges based on its operation excluding the operation of customers under Rates 125 and 300. In that event, LBA charges shall be prorated based on the relative imbalances. The Company will provide the customer with a derivation of any such charges.

Customer's Actual Consumption cannot exceed Net Available Delivery when the Company issues an Operational Flow Order in the winter. Net nominations must not be less than consumption at the Terminal Location. Any negative Daily Imbalance on a winter Operational Flow Order day shall be deemed to be Unauthorized Supply Overrun. Customer's Net Available Delivery cannot exceed Actual Consumption when the Company issues an Operational Flow Order in the summer. Actual Consumption must not be less than net nomination at the Terminal Location. Any positive Daily Imbalance on a summer Operational Flow Order day shall be deemed to be Unauthorized Supply Underrun.

The Company will waive Daily Balancing Fee and Cumulative Imbalance Charge on the day of an Operational Flow Order if the customer used less gas than the amount the customer delivered to the system during the winter season or the customer used more gas than the amount the customer delivered to the system during the summer season. The Company will issue a 24-hour advance notice to customers of Operational Flow Orders and suspension of Load Balancing Provisions.

#### **Cumulative Imbalance Charges:**

Customers may trade Cumulative Imbalances within a delivery area. Customers may also nominate to transfer gas from their Cumulative Imbalance Account into an unbundled (Rate 315 or Rate 316) storage account of the customer subject to their storage contract parameters.

Customers shall be permitted to nominate Make-up Gas, subject to operating constraints, provided that Make-up Gas plus Aggregate Delivery do not exceed the Contract Demand. The Company may, on days with no operating constraints, authorize Make-up Gas that, in conjunction with Aggregate Delivery, exceeds the Contract Demand.

The customer's Cumulative Imbalance cannot exceed its Maximum Contractual Imbalance. In the event that the customer's imbalance exceeds their Maximum Contractual Imbalance the Company shall deem the excess imbalance to be Unauthorized Supply Overrun or Underrun gas, as appropriate.

The Cumulative Imbalance Fee, applicable daily, is 1.0759 cents/m3 per unit of imbalance.

In addition, on any day that the Company declares an Operational Flow Order, negative Cumulative Imbalances greater than 10 % of Maximum Contractual Imbalance in the winter season shall be deemed to be Unauthorized Overrun Gas. The Company reserves the right to deem positive Cumulative Imbalances greater than 10% of Maximum Contractual Imbalance in the summer season as Unauthorized Supply Underun Gas. The Company will issue a 24-hour advance notice to customers of Operational Flow Orders including cash out instructions for Cumulative Imbalances greater than 10 % of Maximum Contractual Imbalance.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of an annual supply of natural gas of not less than 340,000 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure. A maximum of five percent of the contracted annual volume may be taken by the Applicant in a single month during the months of December to March inclusively.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month	
	December to March	April to November
<b>Monthly Customer Charge</b>	<b>\$115.08</b>	<b>\$115.08</b>
<b>Delivery Charge</b>		
For the first 14,000 m <sup>3</sup> per month	7.1509 ¢/m <sup>3</sup>	2.4509 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	5.9509 ¢/m <sup>3</sup>	1.7509 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	5.5509 ¢/m <sup>3</sup>	1.5509 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.0000 ¢/m<sup>3</sup></b>	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.7525 ¢/m<sup>3</sup></b>	<b>4.7525 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.0404 ¢/m<sup>3</sup></b>	<b>1.0404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.4174 ¢/m<sup>3</sup></b>	<b>9.4174 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

The applicant has the option of delivering either Option a) a Mean Daily Volume ("MDV") based on 12 months, or Option b) a Modified Mean Daily Volume ("MMDV") based on nine months of deliveries. Authorized Volumes for the months of January, February and March would be zero under option b).

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Failure to deliver a volume of gas equal to the Mean Daily Volume under Option a) set out in the Service Contract during the months of December to March inclusive may result in the Applicant not being eligible for service under this rate in a subsequent contract period, at the Company's sole discretion.

Failure to deliver a volume of gas equal to the Modified Mean Daily Volume under Option b) set out in the Service Contract during the month of December may result in the Applicant not being eligible for service under this rate in a subsequent contract period, at the Company's sole discretion.

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**SEASONAL CREDIT:**

Rate per cubic metre of Mean Daily Volume from December to March	\$	<b>0.77 /m<sup>3</sup></b>
Rate per cubic metre of Modified Mean Daily Volume for December	\$	<b>0.77 /m<sup>3</sup></b>

**SEASONAL OVERRUN CHARGE:**

During the months of December through March inclusively, any volume of gas taken in a single month in excess of five percent of the annual contract volume (Seasonal Overrun Monthly Volume) will be subject to Seasonal Overrun Charges in place of both the Delivery and Gas Supply Load Balancing Charges. The Seasonal Overrun Charge applicable for the months of December and March shall be calculated as 2.0 times the sum of the Gas Supply Load Balancing Charge, Transportation Charge and the maximum Delivery Charge. The Seasonal Overrun Charge applicable for the months of January and February shall be calculated as 5.0 times the sum of the Load Balancing Charge, Transportation Charge and the maximum Delivery Charge.

Seasonal Overrun Charges:

<i>December and March</i>	<b>23.8068 ¢/m<sup>3</sup></b>
<i>January and February</i>	<b>59.5170 ¢/m<sup>3</sup></b>

**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency (See Terms and Conditions of Service):	<b>8.7429 ¢/m<sup>3</sup></b>
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**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of a specified maximum daily volume of natural gas to a single terminal location ("Terminal Location") which can accommodate the total interruption of gas service as ordered by the Company exercising its sole discretion. The Company reserves the right to satisfy itself that the customer can accommodate the interruption of gas through either a shutdown of operations or a demonstrated ability and readiness to switch to an alternative fuel source. Any Applicant for service under this rate schedule must agree to transport a minimum annual volume of 340,000 cubic metres.

**CHARACTER OF SERVICE:**

In addition to events as specified in the Service Contract including force majeure, service shall be subject to curtailment or discontinuance upon the Company issuing a notice not less than 16 hours prior to the time at which such curtailment or discontinuance is to commence. An Applicant may, by contract, agree to accept a shorter notice period.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$123.34</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	8.2300 ¢/m <sup>3</sup>
For the first 14,000 m <sup>3</sup> per month	2.9952 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	1.6362 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	1.0772 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.6472 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.7525 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.0404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.4140 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**CURTAILMENT CREDIT:**

Rate for 16 hours of notice per cubic metre of Mean Daily Volume from December to March \$ 0.50 /m<sup>3</sup>

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In addition, if the Applicant is supplying its own gas requirements, the gas delivered by the Applicant during the period of curtailment shall be purchased by the Company for the Company's use. The purchase price for such gas will be equal to the price that is reported for the month, in the first issue of the Natural Gas *Market Report* published by Canadian Enerdata Ltd. during the month, as the "current" "Avg." (i.e., average) "Alberta One-Month Firm Spot Price" for "AECO 'C' and Nova Inventory Transfer" in the table entitled "Domestic spot gas prices", adjusted for AECO to Empress transportation tolls and compressor fuel costs.

For the areas specified in Appendix A to this Rate Schedule, the Company's gas distribution network does not have sufficient physical capacity under current operating conditions to accommodate the provision of firm service to existing interruptible locations.

#### **UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Any material instance of failure to curtail in any contract year may result in the Applicant forfeiting the right to be served under this rate schedule.

In such case, service hereunder would cease, notwithstanding any Service Contract between the Company and the Applicant. Gas supply and/or transportation service would continue to be available to the Applicant pursuant to the provisions of the Company's Rate 6 until a Service Contract pursuant to another applicable Rate Schedule was executed.

Any Applicant taking a material volume of Unauthorized Supply Overrun Gas, during a period of ordered curtailment, may forfeit its curtailment credits for the respective winter season, December through March inclusive.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

#### **MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**8.3677 ¢/m³**

#### **TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of a specified maximum daily volume of natural gas of not less than 30,000 cubic metres and a minimum annual volume of 5,000,000 cubic metres to a single terminal location ("Terminal Location") which can accommodate the total interruption of gas service when required by the Company. The Company reserves the right to satisfy itself that the customer can accommodate the interruption of gas through either a shutdown of operations or a demonstrated ability and readiness to switch to an alternative fuel source. The Company, exercising its sole discretion, may order interruption of gas service upon not less than four (4) hours notice.

**CHARACTER OF SERVICE:**

In addition to events as specified in the Service Contract including force majeure, service shall be subject to curtailment or discontinuance upon the Company issuing a notice not less than 4 hours prior to the time at which such curtailment or discontinuance is to commence.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> to <u>December</u>
<b>Monthly Customer Charge</b>	<b>\$279.31</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	4.0900 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.5433 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.3433 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.2831 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.7525 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.0404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.4104 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**CURTAILMENT CREDIT:**

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March \$ **1.10 /m<sup>3</sup>**

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In addition, if the Applicant is supplying its own gas requirements, the gas delivered by the Applicant during the period of curtailment shall be purchased by the Company for the Company's use. The purchase price for such gas will be equal to the price that is reported for the month, in the first issue of the Natural Gas *Market Report* published by Canadian Enerdata Ltd. during the month, as the "current" "Avg." (i.e., average) "Alberta One-Month Firm Spot Price" for "AECO 'C' and Nova Inventory Transfer" in the table entitled "Domestic spot gas prices", adjusted for AECO to Empress transportation tolls and compressor fuel costs.

For the areas specified in Appendix A to this Rate Schedule, the Company's gas distribution network does not have sufficient physical capacity under current operating conditions to accommodate the provision of firm service to existing interruptible locations.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Any material instance of failure to curtail in any contract year may result in the Applicant forfeiting the right to be served under this rate schedule.

In such case, service hereunder would cease, notwithstanding any Service Contract between the Company and the Applicant. Gas supply and/or transportation service would continue to be available to the Applicant pursuant to the provisions of the Company's Rate 6 until a Service Contract pursuant to another applicable Rate Schedule was executed.

Any Applicant taking a material volume of Unauthorized Supply Overrun Gas, during a period of ordered curtailment, may forfeit its curtailment credits for the respective winter season, December through March inclusive.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**5.5516 ¢/m³**

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Distributor who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of an annual supply of natural gas to customers outside of the Company's franchise area.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm), except for events as specified in the Service Contract including force majeure, up to the contracted firm daily demand and subject to curtailment or discontinuance, of demand in excess of the firm contract demand, upon the Company issuing a notice not less than 4 hours prior to the time at which such curtailment or discontinuance is to commence.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> <u>to</u> <u>December</u>
<b>Monthly Customer Charge</b> The monthly customer charge shall be negotiated with the applicant and shall not exceed:	<b>\$2,000.00</b>
<b>Delivery Charge</b> Per cubic metre of Firm Contract Demand Per cubic metre of gas delivered	<b>14.7000 ¢/m<sup>3</sup></b> <b>1.2286 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>1.3079 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.7525 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.0404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.4103 ¢/m<sup>3</sup></b>
<b>Buy/Sell Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>9.3908 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Inventory Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". Also, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable to volumes of natural gas purchased from the Company. The volumes purchased shall be the volumes delivered at the Point of Delivery less any volumes, which the Company does not own and are received at the Point of Acceptance for delivery to the Applicant at the Point of Delivery.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**CURTAILMENT CREDIT:**

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March \$ **1.10 /m<sup>3</sup>**

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In addition, if the Applicant is supplying its own gas requirements, the gas delivered by the Applicant during the period of curtailment shall be purchased by the Company for the Company's use. The purchase price for such gas will be equal to the price that is reported for the month, in the first issue of the *Natural Gas Market Report* published by Canadian Enerdata Ltd. during the month, as the "current" "Avg." (i.e., average) "Alberta One-Month Firm Spot Price" for "AECO 'C' and Nova Inventory Transfer" in the table entitled "Domestic spot gas prices", adjusted for AECO to Empress transportation tolls and compressor fuel costs.

For the areas specified in Appendix A to this Rate Schedule, the Company's gas distribution network does not have sufficient physical capacity under current operating conditions to accommodate the provision of firm service to existing interruptible locations.

#### **UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Any material instance of failure to curtail in any contract year may result in the Applicant forfeiting the right to receive interruptible service under this rate schedule.

Any Applicant taking a material volume of Unauthorized Supply Overrun Gas, during a period of ordered curtailment, may forfeit its curtailment credits for the respective winter season, December through March inclusive.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

#### **MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**7.2617 ¢/m³**

#### **TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates as the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation to a single Terminal Location of a specified maximum daily volume of natural gas. The Company reserves the right to limit service under this schedule to customers whose maximum contract demand does not exceed 600,000 m3. The Service under this rate requires Automatic Meter Reading (AMR) capability. Service under this schedule is firm unless a customer is currently served under interruptible distribution service or the Company, in its sole judgment, determines that existing delivery facilities cannot adequately serve the load on a firm basis.

The unitized Monthly Contract Demand Charge is also applicable to volumes delivered to any Applicant taking service under a Curtailment Delivered Supply contract with the Company. The unitized rate equals the applicable Monthly Contract Demand Charge times 12/365.

**CHARACTER OF SERVICE:**

The Service shall be continuous (firm) except for events specified in the Service Contract including force majeure. The Applicant is neither allowed to take a daily quantity of gas greater than the Contract Demand nor an hourly amount in excess of the Contract Demand divided by 24, without the Company's prior consent. Interruptible Distribution Service is provided on a best efforts basis subject to the events identified in the service contract including force majeure and, in addition, shall be subject to curtailment or discontinuance of service when the Company notifies the customer under normal circumstances 4 hours prior to the time that service is subject to curtailment or discontinuance. Under emergency conditions, the Company may curtail or discontinue service on one-hour notice. The Interruptible Service Customer is not allowed to exceed maximum hourly flow requirements as specified in Service Contract.

**DISTRIBUTION RATES:**

Monthly Customer Charge	\$500.00	
Monthly Contract Demand Charge Firm	26.6881 ¢/m <sup>3</sup>	
Interruptible Service:		
Minimum Delivery Charge	0.3899 ¢/m <sup>3</sup>	
Maximum Delivery Charge	1.0529 ¢/m <sup>3</sup>	
	<u>Firm</u>	<u>Interruptible</u>
Cap and Trade Customer Related Charge (If applicable)	3.3181 ¢/m <sup>3</sup>	3.3181 ¢/m <sup>3</sup>
Cap and Trade Facility Related Charge	0.0290 ¢/m <sup>3</sup>	0.0290 ¢/m <sup>3</sup>
Direct Purchase Administration Charge	\$75.00	
Forecast Unaccounted For Gas Percentage	0.7%	

**Monthly Minimum Bill:** The Monthly Customer Charge plus the Monthly Contract Demand Charge.

**TERMS AND CONDITIONS OF SERVICE:**

- To the extent that this Rate Schedule does not specifically address matters set out in PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** then the provisions in those Parts shall apply, as contemplated therein, to service under this Rate Schedule.

- Unaccounted for Gas (UFG) Adjustment Factor:**

The Applicant is required to deliver to the Company on a daily basis the sum of: (a) the volume of gas to be delivered to the Applicant's Terminal Location; and (b) a volume of gas equal to the forecast unaccounted for gas percentage as stated above multiplied by (a).

- Nominations:**

Customer shall nominate gas delivery daily based on the gross commodity delivery required to serve the customer's daily load plus the UFG, net of No-Notice Storage Service provisions under Rate 315, if applicable. The amount of gas delivered under No-Notice Storage Service will also be reduced by the UFG adjustment factor for delivery to the customer's meter.

Customers may change daily nominations based on the nomination windows within a day as defined by the customer contract with TransCanada PipeLines (TCPL) or Union Gas Limited.

Schedule of nominations under Rate 300 has to match upstream nominations. This rate does not allow for any more flexibility than exists upstream of the EGD gas distribution system. Where the customer's nomination does not match the confirmed upstream nomination, the nomination will be confirmed at the upstream value.

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Customer may nominate gas to a contractually specified Primary Delivery Area that may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA) or other Delivery Area as specified in the applicable Service Contract. The Company may accept deliveries at a Secondary Delivery Area such as Dawn, at its sole discretion. Quantities of gas nominated to the system cannot exceed Contract Demand, unless Make-up Gas or Authorized Overrun is permitted.

Customers with multiple Rate 300 contracts within a Primary Delivery Area may combine nominations subject to system operating requirements and subject to the Contract Demand for each Terminal Location. For combined nominations the customer shall specify the quantity of gas to each Terminal Location and the order in which gas is to be delivered to each Terminal Location. The specified order of deliveries shall be used to administer Load Balancing Provisions to each Terminal Location. When system conditions require delivery to a single Terminal Location only, nominations with different Terminal Locations may not be combined.

**4. Authorized Demand Overrun:**

The Company may, at its sole discretion, authorize consumption of gas in excess of the Contract Demand for limited periods within a month, provided local distribution facilities have sufficient capacity to accommodate higher demand. In such circumstances, customer shall nominate gas delivery based on the gross commodity delivery required to serve the customer's daily load, including quantities of gas in excess of the Contract Demand, plus the UFG. The Load Balancing Provisions and/or No-Notice Storage Service provisions under Rate 315 cannot be used for Authorized Demand Overrun. Failure to nominate gas deliveries to match Authorized Demand Overrun shall constitute Unauthorized Supply Overrun.

The rate applicable to Authorized Demand Overrun shall equal the applicable Monthly Demand Charge times 12/365 provided, however, that such service shall not exceed 5 days in any contract year. Requests beyond 5 days will constitute a request for a new Contract Demand level, with retroactive charges based on terms of Service Contract.

**5. Unauthorized Demand Overrun:**

Any gas consumed in excess of the Contract Demand and/or maximum hourly flow requirements, if not authorized, will be deemed to be Unauthorized Demand Overrun gas. Unauthorized Demand Overrun gas will establish a new Contract Demand and shall be subject to a charge equal to 120 % of the applicable monthly charge for twelve months of the current contract term, including retroactively based on terms of Service Contract. Unauthorized Demand Overrun gas shall also be subject to Unauthorized Supply Overrun provisions. Where a customer receives interruptible service hereunder and consumes gas during a period of interruption, such gas shall be deemed Unauthorized Supply Overrun. In addition to charges for Unauthorized Supply Overrun, interruptible customers consuming gas during a scheduled interruption shall pay a penalty charge of \$18.00 per m3.

**6. Unauthorized Supply Overrun:**

Any volume of gas taken by the Applicant on a day at the Terminal Location which exceeds the sum of:

- i. any applicable Load Balancing Provision pursuant to Rate 300 and/or provisions of Rate 315, plus
- ii. the volume of gas delivered by the Applicant on that day shall constitute Unauthorized Supply Overrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Overrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 300.

Any gas deemed to be Unauthorized Overrun gas shall be purchased by the customer at a price (Pe), which is equal to 150% of the highest price in effect for that day as defined below\*.

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## 7. Unauthorized Supply Underrun:

Any volume of gas delivered by the Applicant on any day in excess of the sum of:

- i. any applicable Rate 300 Load Balancing Provision pursuant to Rate 300 and/or provisions of Rate 315, plus
- ii. the volume of gas taken by the Applicant at the Terminal Location on that day shall be classified as Supply Underrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Underrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 300.

Any gas deemed to be Unauthorized Supply Underrun Gas shall be purchased by the Company at a price ( $P_u$ ) which is equal to fifty percent (50%) of the lowest price in effect for that day as defined below\*\*.

\* where the price  $P_e$  expressed in cents / cubic metre is defined as follows:

$$P_e = (P_m * E_r * 100 * 0.03842 / 1.055056) * 1.5$$

$P_m$  = highest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

$E_r$  = **Daily Average exchange rate** expressed in Canadian dollars per U.S. dollar for such day quoted by the Bank of Canada in the following days Globe & Mail Publication.

1.055056 = Conversion factor from mmBtu to GJ.

0.03842 = Conversion factor from GJ to cubic metres.

\*\* where the price  $P_u$  expressed in cents / cubic metre is defined as follows:

$$P_u = (P_l * E_r * 100 * 0.03842 / 1.055056) * 0.5$$

$P_l$  = lowest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

### Term of Contract:

A minimum of one year. A longer-term contract may be required if incremental assets/facilities have been procured/built for the customer. Migration from an unbundled rate to bundled rate may be restricted subject to availability of adequate transportation and storage assets.

### Right to Terminate Service:

The Company reserves the right to terminate service to customers served hereunder where the customer's failure to comply with the parameters of this rate schedule, including interruptible service and load balancing provisions, jeopardizes either the safety or reliability of the gas system. The Company shall provide notice to the customer of such termination; however, no notice is required to alleviate emergency conditions.

### Load Balancing:

Any difference between actual daily-metered consumption and the actual daily volume of gas delivered to the system less the UFG shall first be provided under the provisions of Rate 315 - Gas Storage Service, if applicable. Any remaining difference will be subject to the Load Balancing Provisions.

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**LOAD BALANCING PROVISIONS:**

Load Balancing Provisions shall apply at the customer's Terminal Location.

In the event of an imbalance any excess delivery above the customer's actual consumption or delivery less than the actual consumption shall be subject to the Load Balancing Provisions.

**Definitions:**

**Aggregate Delivery:**

The Aggregate Delivery for a customer's account shall equal the sum of the confirmed nominations of the customer for delivery of gas to the applicable delivery area from all pipeline sources plus, where applicable, the confirmed nominations of the customer for Storage Service under Rate 316 or Rate 315 and any available No-Notice Storage Service under Rate 315 for delivery of gas to the Applicable Delivery Area.

**Applicable Delivery Area:**

The Applicable Delivery Area for each customer shall be specified by contract as a Primary Delivery Area. Where system-operating conditions permit, the Company, in its sole discretion, may accept a Secondary Delivery Area as the Applicable Delivery Area by confirming the customer's nomination of such area. Confirmation of a Secondary Delivery Area for a period of a gas day shall cause such area to become the Applicable Delivery Area for such day. Where delivery occurs at both a Terminal Location and a Secondary Delivery Area on a given day, the sum of the confirmed deliveries may not exceed Contract Demand, unless Demand Overrun and/or Make-up Gas is authorized.

**Primary Delivery Area:**

The Primary Delivery Area shall be delivery area such as EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA), or other Delivery Area as specified in the applicable Service Contract.

**Secondary Delivery Area:**

A Secondary Delivery Area may be a delivery area such as Dawn where the Company, at its sole discretion, determines that operating conditions permit gas deliveries for a customer.

**Actual Consumption:**

The Actual Consumption of the customer shall be the metered quantity of gas consumed at the customer's premise.

**Net Available Delivery:**

The Net Available Delivery shall equal the Aggregate Delivery times one minus the annually determined percentage of Unaccounted for Gas (UFG) as reported by the Company.

**Daily Imbalance:**

The Daily Imbalance shall be the absolute value of the difference between Actual Consumption and Net Available Delivery.

**Cumulative Imbalance:**

The Cumulative Imbalance shall be the sum of the difference between Actual Consumption and Net Available Delivery.

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**Maximum Contractual Imbalance:**

The Maximum Contractual Imbalance shall be equal to 60% of the customer's Contract Demand.

**Winter and Summer Seasons:**

The winter season shall commence on the date that the Company provides notice of the start of the winter period and conclude on the date that the Company provides notice of the end of the winter period. The summer season shall constitute all other days. The Company shall provide advance notice to the customer of the start and end of the winter season as soon as reasonably possible, but in no event not less than 2 days prior to the start or end.

**Operational Flow Order:**

An Operational Flow Order (OFO) shall constitute an issuance of instructions to protect the operational capacity and integrity of the Company's system, including distribution and/or storage assets, and/or connected transmission pipelines.

Enbridge Gas Distribution, acting reasonably, may call for an OFO in the following circumstances:

- Capacity constraint on the system, or portions of the system, or upstream systems, that are fully utilized;
- Conditions where the potential exists that forecasted system demand plus reserves for short notice services provided by the Company and allowances for power generation customers' balancing requirements would exceed facility capabilities and/or provisions of 3rd party contracts;
- Pressures on the system or specific portions of the system are too high or too low for safe operations;
- Storage system constraints on capacity or pressure or caused by equipment problems resulting in limited ability to inject or withdraw from storage;
- Pipeline equipment failures and/or damage that prohibits the flow of gas;
- Any and all other circumstances where the potential for system failure exists.

**Daily Balancing Fee:**

On any day where the customer has a Daily Imbalance the customer shall pay a Daily Balancing Fee equal to:

$(\text{Tier 1 Quantity} \times \text{Tier 1 Fee}) + (\text{Tier 2 Quantity} \times \text{Tier 2 Fee}) + (\text{Applicable Penalty Fee for Imbalance in excess of the Maximum Contractual Imbalance} \times \text{the amount of Daily Imbalance in excess of the Maximum Contractual Imbalance})$

Where Tier 1 and 2 Fees and Quantities are set forth as follows:

Tier 1 = Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance and shall be subject to a charge of 0.8833 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.06 cents/m3

The customers shall also pay any Limited Balancing Agreement (LBA) charges imposed by the pipeline on days when the customer has a Daily Imbalance provided such imbalance matches the direction of the pipeline imbalance. LBA charges shall first be allocated to customers served under Rate 125 and 300. The system bears a portion of these charges only to the extent that the system incurs such charges based on its operation excluding the operation of customers under Rates 125 and 300. In that event, LBA charges shall be prorated based on the relative imbalances.

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A Daily Imbalance in excess of the Maximum Contractual Imbalance shall be deemed to be Unauthorized Supply Overrun or Underrun gas, as appropriate.

Customer's Actual Consumption cannot exceed Net Available Delivery when the Company issues an Operational Flow Order in the winter. Net nominations must not be less than consumption at the Terminal Location. Any negative Daily Imbalance on a winter Operational Flow Order day shall be deemed to be Unauthorized Supply Overrun. Customer's Net Available Delivery cannot exceed Actual Consumption when the Company issues an Operational Flow Order in the summer. Actual Consumption must not be less than net nomination at the Terminal Location. Any positive Daily Imbalance on a summer Operational Flow Order day shall be deemed to be Unauthorized Supply Underrun.

The Company will waive Daily Balancing Fee and Cumulative Imbalance Charge on the day of an Operational Flow Order if the customer used less gas than the amount the customer delivered to the system during the winter season or the customer used more gas than the amount the customer delivered to the system during the summer season. The Company will issue a 24-hour advance notice to customers of Operational Flow Orders and suspension of Load Balancing Provisions.

#### **Cumulative Imbalance Charges:**

Customers may trade Cumulative Imbalances within a delivery area.

Customers shall be permitted to nominate Make-up Gas, subject to operating constraints, provided that Make-up Gas plus Aggregate Delivery do not exceed Contract Demand. The Company may, on days with no operating constraints, authorize Make-up Gas that, in conjunction with Aggregate Delivery, exceeds Contract Demand.

The customer's Cumulative Imbalance cannot exceed its Maximum Contractual Imbalance. The excess imbalance shall be deemed to be Unauthorized Supply Overrun or Underrun gas, as appropriate.

The Cumulative Imbalance Fee, applicable daily, is 0.7406 cents/m3 per unit of imbalance.

The customer's Cumulative Imbalance shall be equal to zero within five (5) days from the last day of the Service Contract.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

This rate is available to any customer taking service under Distribution Rates 125 and 300. It requires a Service Contract that identifies the required storage space and deliverability. In addition, the customer shall maintain a positive balance of gas in storage at all times or forfeit the use of Storage Services for Load Balancing and No-Notice Storage Service.

A daily nomination for storage injection and withdrawal except for No-Notice Storage Service, hereunder, which is used automatically for daily Load Balancing, shall also be required.

The maximum hourly injections / withdrawals shall equal  $1/24^{\text{th}}$  of the daily Storage Demand. No-Notice Storage Service is available up to the maximum daily withdrawal rights less the nominated withdrawal or the maximum daily injection rights less the nominated injections.

Storage space shall be based on either of two storage allocation methodologies: (customer's average winter demand - customer's average annual demand) x 151, or  $[(17 \times \text{customer's maximum hourly demand}) / 0.1] \times 0.57$ . Customers have the option to select from these two storage space allocation methods the one that best suits their requirements.

Maximum deliverability shall be 1.2% of contracted storage space. The customer may inject and withdraw gas based on the quantity of gas in storage and the limitations specified in the Service Contract. Both injection and withdrawal shall be subject to applicable storage ratchets as determined by the Company and posted from time to time.

**CHARACTER OF SERVICE:**

Service shall be firm when used in conjunction with firm distribution service. Service is interruptible when used in conjunction with interruptible distribution service. All service is subject to contract terms and force majeure.

The service is available on two bases:

- (1) Service nominated daily based on the available capacity and gas in storage up to the maximum contracted daily deliverability; and
- (2) No-Notice Storage Service for daily Load Balancing consistent with the maximum hourly deliverability.

**RATE:**

The following rates and charges shall apply in respect to all gas received by the Company from and delivered by the Company to storage on behalf of the Applicant.

<b>Monthly Customer Charge:</b>	<b>\$150.00</b>
<b>Storage Reservation Charge:</b>	
<b>Monthly Storage Space Demand Charge</b>	<b>0.0537 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>22.9595 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.2669 ¢/m<sup>3</sup></b>
<b>Monthly Minimum Bill:</b> The sum of the Monthly Customer Charge plus Monthly Demand Charges.	
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0048 ¢/m<sup>3</sup></b>

**FUEL RATIO REQUIREMENT:**

The Fuel Ratio per unit of gas injected and withdrawn is 0.35%.

All Storage Space and Deliverability/Injection Demand Charges are applicable monthly. Injection and withdrawal charges are applicable to each unit of gas injected or withdrawn based on daily nominations and No-Notice Storage Service quantities.

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All deemed withdrawal quantities under the No-Notice Storage Service provisions of this rate will be adjusted for the UFG provisions applicable to the distribution service rates.

In addition, for each unit of injection or withdrawal there will be an applicable fuel charge adjustment expressed as a percent of gas.

**TERMS AND CONDITIONS OF SERVICE:**

**1. Nominated Storage Service:**

Nominations under this rate shall only be accepted at the standard North American Energy Standards Board ("NAESB") nomination windows. The customer may elect to nominate all or a portion of the available withdrawal capacity for delivery to the applicable Primary Delivery Area, which may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA). All volumes nominated from storage are delivered first for purposes of daily Load Balancing of available supply assets. When system conditions permit, the customer may nominate all or a portion of the available withdrawal capacity for delivery to Dawn or to the customer's Primary Delivery Area for purposes other than consumption at the customer's own meter.

Storage not nominated for delivery will be available for No-Notice Storage Service. The sum of gas nominated for storage injection and for the Terminal Location shall not exceed the customer's Contract Demand (CD).

The customer may also nominate gas for delivery into storage by nominating the storage delivery area as the Primary Delivery Area. Gas nominated for storage delivery will not be available for No-Notice Storage Service. The sum of gas nominated for storage injection and for the Terminal Location shall not exceed the customer's CD. Any gas in excess of the contract demand will be subject to cash out as injection overrun gas.

The Company reserves the right to limit injection and withdrawal rights to all storage customers in certain situations, such as major maintenance or construction projects, and may reduce nominations for injections and withdrawals over and above applicable storage ratchets. The Company will provide customers with one week's notice of its intent to limit injection and withdrawal rights, and at the same time, shall provide its best estimate of the duration and extent of the limitations.

In situations where the Company limits injection and withdrawal rights, the Company shall proportionately reduce the Storage Deliverability/Injection Demand Charge for affected customers based on the number of days the limitation is in effect and the difference between Deliverability/Injection Demand, subject to applicable storage ratchets, and the quantity of gas actually delivered or injected.

**2. No-Notice Storage Service:**

The Company, at its sole discretion based on operating conditions, may provide a No-Notice Storage Service that allows customers taking gas under distribution service rates to balance daily deliveries using this Storage Service. No-Notice Storage Service requires that the customer grant the Company the exclusive right to use unscheduled service available from storage to reduce the daily imbalance associated with the actual consumption of the customer.

No-Notice Storage Service is limited to the available, unscheduled withdrawal or injection capacity under contract to serve a customer. Where the customer serves multiple delivery locations from a single storage Service Contract, the customer shall specify the order in which gas is to be delivered to each Terminal Location served under a distribution Service Contract. The specified order of deliveries shall be used to administer Load Balancing Provisions to each Terminal Location.

The availability of No-Notice Storage Service is subject to and reduced by any service schedule from or to storage. To the extent that the quantity of gas available in storage is insufficient to meet the requirements of the customer under a No-Notice Storage Service, the customer will be unable to use the service on a no-notice basis for Load Balancing service. To the extent that the scheduled injections into storage plus No-Notice Storage Service exceed the maximum limit for injection, No-Notice Storage Service will be reduced and the remainder of the gas will constitute a daily imbalance. Gas delivered in excess of the maximum injection quantity shall be deemed injection overrun gas and cashed out at 50% of the lowest index price of gas.

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**Other provisions:**

If the customer elects to use the contracted storage capacity at less than the full volumetric capacity of the storage, the Company may inject its own gas provided that such injection does not reduce the right of the customer to withdraw the full amount of gas injected on any day during the withdrawal season or to schedule its full injection right during the injection season.

**Term of Contract:**

A minimum of one year.

A longer-term contract may be required if incremental contracts/assets/facilities have been procured/built for the customer.

***EFFECTIVE DATE:***

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

This rate is available to any customer taking service under Distribution Rates 125 and 300. It requires a Service Contract that identifies the required storage space and deliverability. The customer shall maintain a positive balance of gas in storage at all times. In addition, the customer must arrange for pipeline delivery service from Dawn to the applicable Primary Delivery Area.

This service is not a delivered service and is only available when the relevant pipeline confirms the delivery.

The maximum hourly injections / withdrawals shall equal  $1/24^{\text{th}}$  of the daily Storage Demand.

Storage space shall be based on either of two storage allocation methodologies: (customer's average winter demand - customer's average annual demand) x 151, or  $[(17 \times \text{customer's maximum hourly demand}) / 0.1] \times 0.57$ . Customers have the option to select from these two storage space allocation methods the one that best suits their requirements.

Maximum deliverability shall be 1.2% of contracted storage space. The customer may inject and withdraw gas based on the quantity of gas in storage and the limitations specified in the Service Contract. Both injection and withdrawal shall be subject to applicable storage ratchets as determined by the Company and posted from time to time.

**CHARACTER OF SERVICE:**

Service shall be firm when used in conjunction with firm distribution service. Service is interruptible when used in conjunction with interruptible distribution service. All service is subject to contract terms and force majeure.

The service is nominated based on the available capacity and gas in storage up to the maximum contracted daily deliverability.

**RATE:**

The following rates and charges shall apply in respect to all gas received by the Company from and delivered by the Company to storage on behalf of the Applicant.

<b>Monthly Customer Charge:</b>	<b>\$150.00</b>
<b>Storage Reservation Charge:</b>	
<b>Monthly Storage Space Demand Charge</b>	<b>0.0537 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>5.5775 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.0977 ¢/m<sup>3</sup></b>
<b>Monthly Minimum Bill:</b> The sum of the Monthly Customer Charge plus Monthly Demand Charges.	
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0048 ¢/m<sup>3</sup></b>

**FUEL RATIO REQUIREMENT:**

The Fuel Ratio per unit of gas injected and withdrawn is 0.35%.

All Storage Space and Deliverability/Injection Demand Charges are applicable monthly. Injection and withdrawal charges are applicable to each unit of gas injected or withdrawn based on daily nominations.

In addition, for each unit of injection or withdrawal there will be an applicable fuel charge adjustment expressed as a percent of gas.

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**TERMS AND CONDITIONS OF SERVICE:**

**Nominated Storage Service:**

The customer shall nominate storage injections and withdrawals daily. The customer may change daily nominations based on the nomination windows within a day as defined by the customer contract with Union Gas Limited and TransCanada PipeLines (TCPL).

The customer may elect to nominate all or a portion of the available withdrawal capacity for delivery to the applicable Primary Delivery Area.

The Company reserves the right to limit injection and withdrawal rights to all storage customers in certain situations, such as major maintenance or construction projects, and may reduce nominations for injections and withdrawals over and above applicable storage ratchets. The Company will provide customers with one week's notice of its intent to limit injection and withdrawal rights, and at the same time, shall provide its best estimate of the duration and extent of the limitations.

In situations where the Company limits injection and withdrawal rights, the Company shall proportionately reduce the Storage Deliverability/Injection Demand Charge for affected customers based on the number of days the limitation is in effect and the difference between Deliverability/Injection Demand, subject to applicable storage ratchets, and the quantity of gas actually delivered or injected.

The customer may transfer the title of gas in storage.

**Other provisions:**

If the customer elects to use the contracted storage capacity at less than the full volumetric capacity of the storage, the Company may inject its own gas provided that such injection does not reduce the right of the customer to withdraw the full amount of gas injected on any day during the withdrawal season or to schedule its full injection right during the injection season.

**Term of Contract:**

A minimum of one year.

A longer-term contract may be required if incremental contracts/assets/facilities have been procured/built for the customer.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant whose delivery of natural gas to the Company for transportation to a Terminal Location has been interrupted prior to the delivery of such gas to the Company.

**CHARACTER OF SERVICE:**

The volume of gas available for backstopping in any day shall be determined by the Company exercising its sole discretion. If the aggregate daily demand for service under this Rate Schedule exceeds the supply available for such day, the available supply shall be allocated to firm service customers on a first requested basis and any balance shall be available to interruptible customers on a first requested basis.

**RATE:**

The rates applicable in the circumstances contemplated by this Rate Schedule, in lieu of the Gas Supply Charges specified in any of the Company's other Rate Schedules pursuant to which the Applicant is taking service, shall be as follows:

	<u>Billing Month</u> <u>January</u> to <u>December</u>
<b>Gas Supply Charge</b> Per cubic metre of gas sold	<b>14.7893 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0000 ¢/m<sup>3</sup></b>

provided that if upon the request of an Applicant, the Company quotes a rate to apply to gas which is delivered to the Applicant at a particular Terminal Location on a particular day or days and to which this Rate Schedule is applicable (which rate shall not be less than the Company's avoided cost in the circumstances at the time nor greater than the otherwise applicable rate specified above), then the Gas Supply Charge applicable to such gas shall be the rate quoted by the Company.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after April 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347, effective January 1, 2018.

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**APPLICABILITY AND CHARACTER OF SERVICE:**

Service under this rate schedule shall apply to the Transmission and Compression Service Agreement with Union Gas Limited dated April 1, 1989, and the Transmission, Compression and Pool Storage Service Agreement with Centra Gas Ontario Inc. dated May 30, 1994. Service shall be provided subject to the terms and conditions specified in the Service Agreement.

**RATE:**

The Customer shall pay for service rendered in each month in a contract year, the sum of the following applicable charges:

	<b>Transmission &amp; Compression \$/10<sup>3</sup>m<sup>3</sup></b>	<b>Pool Storage \$/10<sup>3</sup>m<sup>3</sup></b>
<b>Demand Charge for:</b>		
Annual Turnover Volume	<b>0.2071</b>	<b>0.1955</b>
Maximum Daily Withdrawal Volume	<b>22.7879</b>	<b>21.7395</b>
<b>Commodity Charge</b>	<b>0.8328</b>	<b>0.1090</b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)		<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>		<b>0.0066 ¢/m<sup>3</sup></b>

**FUEL RATIO REQUIREMENT:**

Fuel Ratio applicable to per unit of gas injected and withdrawn is 0.35%.

**MINIMUM BILL:**

The minimum monthly bill shall be the sum of the applicable Demand Charges as stated in Rate Section above.

**EXCESS VOLUME AND OVERRUN RATES:**

In addition to the charges provided for in the Rate Section above, the Customer shall pay, for services rendered, the sum of the following applicable charges as they are incurred:

**TERMS AND CONDITIONS OF SERVICE:**

1. Excess Volumes will be billed at the total of the Excess Volume Charges as stated above.
2. Transmission and Compression, and Pool Storage Overrun Service will be billed according to the following:
  - (a) At the end of each month, in a contract year, the Company will make a determination, for each day in the month, of
    - (i) the difference between the volume of gas actually delivered, exclusive of the fuel volume, for Customer's account into the Company System, at the Point of Delivery and the Customer's Maximum Daily Injection Volume, and
    - (ii) the difference between the volume of gas actually delivered, exclusive of the fuel volume, for Customer's account from the Company System, at the Point of Delivery, and the Customer's Maximum Daily Withdrawal Volume.

	Excess Volume Charge \$/10 <sup>3</sup> m <sup>3</sup> / Year	Overrun Charge \$/10 <sup>3</sup> m <sup>3</sup> / Day
<b>Transmission &amp; Compression</b>		
Authorized	2.7337	0.7492
Unauthorized	-	300.8003
<b>Pool Storage</b>		
Authorized	2.5806	0.7147
Unauthorized	-	286.9614

- (b) For each day of the month, where any such differences exceed 2.0 percent of the Customer's relevant Maximum Daily Injection Volume and/or Maximum Daily Withdrawal Volume, the Customer shall pay a charge equal to the relevant Overrun rates, as stated above, for such differences.

#### **BILLING ADJUSTMENT:**

1. Injection deficiency - If at the beginning of any Withdrawal Period the Customer's Storage Balance is less than the Customer's Annual Turnover Volume, due solely to the Company's inability to inject gas for any reason other than the fault of the Customer, then the applicable Demand Charge for Annual Turnover Volume for the contract year beginning the prior April 1 as stated in Rate Section as applicable, shall be adjusted by multiplying each by a fraction, the numerator of which shall be the Customer's Storage Gas Balance as of the beginning of such Withdrawal Period and the denominator shall be the Customer's Annual Turnover Volume as it may have been established for the then current year.
2. Withdrawal deficiency - If in any month in a contract year for any reason other than the fault of the Customer, the Company fails or is unable to deliver during any one or more days, the amount of gas which the Customer has nominated, up to the maximum volumes which the Company is obligated by the Agreement to deliver to the Customer, then the Demand Charge for maximum Contract Daily Withdrawal Volume in the contract year otherwise payable for the month in which such failure occurs, as stated in Rate Section above, as applicable, shall be reduced by an amount for each day of deficiency to be calculated as follows: The Demand Charge for maximum Contract Daily Withdrawal Volume for the contract year for the month will be divided by 30.4 and the result obtained will then be multiplied by a fraction, the numerator being the difference between the nominated volume for such day and the delivered volume for such day and the denominator being the Customer's maximum Contract Daily Withdrawal Volume for such contract year.

#### **TERMS AND EXPRESSIONS:**

In the application of this Rate Schedule to each of the Agreements, terms and expressions used in this Rate Schedule have the meanings ascribed thereto in such Agreement.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into a Storage Contract with the Company for delivery by the Applicant to the Company and re-delivery by the Company to the Applicant of a volume of natural gas owned by the Applicant.

**CHARACTER OF SERVICE:**

Service under this rate is for Full Cycle or Short Cycle storage service; with firm or interruptible injection and withdrawal service, all as may be available from time to time.

**RATE:**

The following rates and charges shall apply in respect of all gas received by the Company from and re-delivered by the Company to the Applicant.

	Full Cycle		Short Cycle
	Firm	Interruptible	
	\$/10 <sup>3</sup> m <sup>3</sup>	\$/10 <sup>3</sup> m <sup>3</sup>	\$/10 <sup>3</sup> m <sup>3</sup>
<b>Monthly Demand Charge per unit of Annual Turnover Volume:</b>			
Minimum	0.4026	0.4026	-
Maximum	2.0130	2.0130	-
<b>Monthly Demand Charge per unit of Contracted Daily Withdrawal:</b>			
Minimum	44.5274	35.6219	-
Maximum	222.6370	178.1096	-
<b>Commodity Charge per unit of gas delivered to / received from storage:</b>			
Minimum	0.9418	0.9418	0.3633
Maximum	4.7090	4.7090	41.2380
<b>Cap and Trade Customer Related Charge (If applicable)</b>			0.0000 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>			0.0066 ¢/m <sup>3</sup>

**FUEL RATIO REQUIREMENT:**

The Fuel Ratio per unit of gas injected and withdrawn is 0.35%.

**TRANSACTING IN ENERGY:**

The conversion factor is 37.74MJ/m<sup>3</sup>, which corresponds to Union Gas' System Wide Average Heating Value, as per the Board's RP-1999-0017 Decision with Reasons.

**MINIMUM BILL:**

The minimum monthly bill shall be the sum of the applicable Demand Charges.

# **OVERRUN RATES:**

The units rates stated below will apply to overrun volumes. The provision of Authorized Overrun service will be at the Company's sole discretion.

	Full Cycle		Short Cycle
	Firm \$/10 <sup>3</sup> m <sup>3</sup>	Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	\$/10 <sup>3</sup> m <sup>3</sup>
<b>Authorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Negotiable, not to exceed:</b>	<b>41.2380</b>	<b>41.2380</b>	<b>41.2380</b>
<b>Authorized Overrun</b>			
<b>Daily Injection/Withdrawal</b>			
<b>Negotiable, not to exceed:</b>	<b>41.2380</b>	<b>41.2380</b>	<b>41.2380</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Excess Storage Balance</b>			
<b>Excess Storage Balance</b>	<b>412.3796</b>	<b>412.3796</b>	<b>412.3796</b>
<b>December 1 - October 31</b>	<b>41.2380</b>	<b>41.2380</b>	<b>41.2380</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Negative Storage Balance</b>			

# **TERMS AND CONDITIONS OF SERVICE:**

1. All Services are available at the Company's sole discretion.
2. Delivery and Re-delivery of the volume of natural gas shall be from/to the facilities of Union Gas Limited and / or TransCanada PipeLines Limited in Dawn Township and/or Niagara Gas Transmission Limited in Moore Township.
3. The Customers daily injections or withdrawals will be adjusted to provide for the fuel ratio stated in the Fuel Ratio Section. In the event that a Short Cycle service does not require fuel for injection and/or withdrawal, the fuel ratio commodity charge may be waived.

# **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

To any Applicant who enters into an agreement with the Company pursuant to the Rate 331 Tariff ("Tariff") for transportation service on the Company's pipelines extending from Tecumseh to Dawn ("Tecumseh Pipeline"). The Company will receive gas at Tecumseh and deliver the gas at Dawn. Capitalized terms used in this Rate Schedule shall have the meanings ascribed to those terms in the Tariff.

**CHARACTER OF SERVICE:**

Transportation service under this Rate Schedule may be available on a firm basis ("FT Service") or an interruptible basis ("IT Service"), subject to the terms and conditions of service set out in the Tariff and the applicable rates set out below.

**RATE:**

The following rates, effective April 1, 2018, shall apply in respect of FT and IT Service under this Rate Schedule:

	<b>Demand Rate</b> <b>\$/10<sup>3</sup>m<sup>3</sup></b>	<b>Commodity Rate</b> <b>\$/10<sup>3</sup>m<sup>3</sup></b>	
<b>FT Service</b>	<b>5.6430</b>	<b>-</b>	
<b>IT Service</b>	<b>-</b>	<b>0.2230</b>	
<b>Cap and Trade Customer Related Charge</b> (If applicable)		<b>0.0000</b>	<b>¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>		<b>0.0018</b>	<b>¢/m<sup>3</sup></b>

**FT Service:** The monthly demand charge shall be the products obtained by multiplying the applicable Maximum Daily Volume by the above demand rate.

**IT Service:** The monthly commodity charge shall be the product obtained by multiplying the applicable Delivery Volume for the Month by the above commodity rate.

**TERMS AND CONDITIONS OF SERVICE:**

The terms and conditions of FT and IT Service are set out in the Tariff. The provisions of PARTS I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 331 service.

**EFFECTIVE DATE:**

The Tariff was approved by the Board in Board Order EB-2010-0177, dated July 12, 2010, and is posted and available on the Company's website. In accordance with Section 1.6.2 of the Board's Storage and Transportation Access Rule, the Tariff does not apply to any Rate 331 service agreements executed prior to June 16, 2010.

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RATE NUMBER	<b>332</b>	<b>PARKWAY TO ALBION KING'S NORTH TRANSPORTATION SERVICE</b>
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**APPLICABILITY:**

To any Applicant who enters into an agreement with the Company pursuant to the Rate 332 Tariff ("Tariff") for transportation service on the Company's Albion Pipeline, as defined in the Tariff. Capitalized terms used in this Rate Schedule shall have the meanings ascribed to those terms in the Tariff.

**CHARACTER OF SERVICE:**

Transportation service under this Rate Schedule shall be provided on a firm basis, subject to the terms and conditions set out in the Tariff and this Rate Schedule.

**RATE:**

The following charges, effective April 1, 2018, shall apply for transportation service under this Rate Schedule:

<b>Monthly Contract Demand Charge</b>	<b><u>\$/GJ</u></b> <b>\$1.2075</b>	<b><u>\$/103m3</u></b> <b>45.5107</b>
<b>Authorized Overrun Charge</b>	<b><u>\$/GJ</u></b> <b>\$0.0476</b>	<b><u>\$/103m3</u></b> <b>1.7940</b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000</b>	<b>¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0018</b>	<b>¢/m<sup>3</sup></b>

The Monthly Contract Demand charge is equal to the Daily Contract Demand of \$0.0397 per GJ or \$1.4963 per 10<sup>3</sup>m<sup>3</sup>.

**Monthly Minimum Bill:** The minimum monthly bill shall equal the applicable Monthly Contract Demand Charge times the Maximum Daily Quantity.

**Authorized Overrun Service:** The Company may, in its sole discretion, authorize transportation of gas in excess of the Maximum Daily Quantity provided excess capacity is available. The excess volumes will be subject to the Authorized Overrun Charge.

In addition to the rates quoted above, Applicants taking Rate 332 transportation service will be required to pay any charges resulting from Board approved dispositions of Deferral and Variance account balances pertaining to Rate 332.

**TERMS AND CONDITIONS OF SERVICE:**

The terms and conditions of transportation service are set out in the Tariff.

The provisions of Parts I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 332 transportation service.

**EFFECTIVE DATE:**

The Tariff was approved by the Board in Board Order EB-2016-0028 available on the Company's website.

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Applicants located off the piping networks noted below or off piping systems supplied from these networks may be curtailed to maintain distribution system integrity.

The Town of Collingwood

The Town of Midland

RIDER:	<b>A</b>	<b>TRANSPORTATION SERVICE RIDER</b>
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**APPLICABILITY:**

This rider is applicable to any Applicant who enters into Gas Transportation Agreement with the Company under any rate other than Rates 125 and 300.

**MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:**

<b>Fixed Charge</b>	\$75.00 per month
<b>Account Charge</b>	\$0.21 per month per account

**AVERAGE COST OF TRANSPORTATION:**

The average cost of transportation effective April 1, 2018:

<b>Service Type:</b>	<b>Point of Acceptance</b>	<b>Firm Transportation (FT)</b>
T-Service:	CDA, EDA	4.7525 ¢/m <sup>3</sup>
Dawn T-Service:	CDA, EDA	1.0404 ¢/m <sup>3</sup>

**TCPL FT CAPACITY TURNBACK:**

**APPLICABILITY:**

To Ontario T-Service and Western T-Service customers who have been or will be assigned TCPL capacity by the Company.

**TERMS AND CONDITIONS OF SERVICE:**

1. The Company will accommodate TCPL FT capacity turnback requests from customers, but only if it can do so in accordance with the following considerations:
  - i. The FT capacity to be turned back must be replaced with alternative, contracted firm transportation (primary capacity or assignment) of equivalent quality to the TCPL FT capacity;
  - ii. The amount of turnback capacity that Enbridge otherwise may accommodate may be reduced to address the impact of stranded costs, other transitional costs or incremental gas costs resulting from the loss of STS capacity arising from any turnback request; and
  - iii. Enbridge must act in a manner that maintains the integrity and reliability of the gas distribution system and that respects the sanctity of contracts.
2. Requests for TCPL FT turnback must be made in writing to the attention of Enbridge's Direct Purchase group.
3. All TCPL FT capacity turnback requests will be treated on an equitable basis.
4. The percentage turnback of TCPL FT capacity will be applied at the Direct Purchase Agreement level.

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5. Written notice to turnback capacity must be received by the Company the earlier of:

(a) Sixty days prior to the expiry date of the current contract.

or

(b) A minimum of one week prior to the deadline specified in TransCanada tariff for FT contract extension.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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**APPLICABILITY:**

This rider is applicable to any Applicant who entered into a Gas Purchase Agreement with the Company, prior to April 1, 1999, to sell to the Company a supply of natural gas.

**MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:**

<b>Fixed Charge</b>	\$75.00 per month
<b>Account Charge</b>	\$0.21 per month per account

**BUY / SELL PRICE:**

In Buy/Sell Arrangements between the Company and an Applicant, the Company shall buy the Applicants gas at the Company's actual FT-WACOG price determined on a monthly basis in the manner approved by the Ontario Energy Board. For Western Buy/Sell arrangements the FT-WACOG price shall be reduced by pipeline transmission costs.

**FT FUEL PRICE:**

The FT fuel price used to establish the Buy price in Western Buy/Sell arrangements without fuel will be determined monthly based upon the actual FT-WACOG.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after April 1, 2018. This rate schedule is effective April 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, January 1, 2018 and that indicates the Board Order, EB-2017-0347 effective January 1, 2018.

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The following adjustment is applicable to all gas sold or delivered during the period of April 1, 2018 to March 31, 2019.

Rate Class	Sales Service ( ¢/m³ )	Western Transportation Service ( ¢/m³ )	Ontario Transportation Service ( ¢/m³ )	Dawn Transportation Service ( ¢/m³ )
Rate 1	(0.0885)	0.1221	0.2340	0.2340
Rate 6	(0.1079)	0.1090	0.2209	0.2209
Rate 9	(0.1079)	0.1090	0.2209	0.2209
Rate 100	(0.1079)	0.1090	0.2209	0.2209
Rate 110	(0.7708)	(0.0616)	0.0503	0.0503
Rate 115	(0.8981)	(0.0940)	0.0179	0.0179
Rate 135	(0.9160)	(0.1119)	0.0000	0.0000
Rate 145	(0.4301)	0.0011	0.1130	0.1130
Rate 170	(0.4595)	(0.0620)	0.0499	0.0499
Rate 200	(0.0595)	0.1017	0.2136	0.2136

RIDER:

**C**

Rate Class		Sales Service ( ¢/m³ )	Western Transportation Service ( ¢/m³ )	Ontario Transportation Service ( ¢/m³ )	Dawn Transportation Service ( ¢/m³ )
Rate 1	Commodity	(0.2106)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.2340</u>	<u>0.2340</u>	<u>0.2340</u>	<u>0.2340</u>
	Total	(0.0885)	0.1221	0.2340	0.2340
Rate 6	Commodity	(0.2169)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.2209</u>	<u>0.2209</u>	<u>0.2209</u>	<u>0.2209</u>
	Total	(0.1079)	0.1090	0.2209	0.2209
Rate 9	Commodity	(0.2169)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.2209</u>	<u>0.2209</u>	<u>0.2209</u>	<u>0.2209</u>
	Total	(0.1079)	0.1090	0.2209	0.2209
Rate 100	Commodity	(0.2169)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.2209</u>	<u>0.2209</u>	<u>0.2209</u>	<u>0.2209</u>
	Total	(0.1079)	0.1090	0.2209	0.2209
Rate 110	Commodity	(0.7092)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.0503</u>	<u>0.0503</u>	<u>0.0503</u>	<u>0.0503</u>
	Total	(0.7708)	(0.0616)	0.0503	0.0503
Rate 115	Commodity	(0.8041)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.0179</u>	<u>0.0179</u>	<u>0.0179</u>	<u>0.0179</u>
	Total	(0.8981)	(0.0940)	0.0179	0.0179
Rate 135	Commodity	(0.8041)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
	Total	(0.9160)	(0.1119)	0.0000	0.0000

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RIDER:	<b>C</b>
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Rate Class		Sales Service ( ¢/m³ )	Western Transportation Service ( ¢/m³ )	Ontario Transportation Service ( ¢/m³ )	Dawn Transportation Service ( ¢/m³ )
Rate 145	Commodity	(0.4312)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.1130</u>	<u>0.1130</u>	<u>0.1130</u>	<u>0.1130</u>
	Total	(0.4301)	0.0011	0.1130	0.1130
Rate 170	Commodity	(0.3975)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.0499</u>	<u>0.0499</u>	<u>0.0499</u>	<u>0.0499</u>
	Total	(0.4595)	(0.0620)	0.0499	0.0499
Rate 200	Commodity	(0.1612)			
	Transportation	(0.1119)	(0.1119)		
	<u>Load Balancing</u>	<u>0.2136</u>	<u>0.2136</u>	<u>0.2136</u>	<u>0.2136</u>
	Total	(0.0595)	0.1017	0.2136	0.2136

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**Bundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 1	0.0000
Rate 6	0.0000
Rate 9	0.0000
Rate 100	0.0000
Rate 110	0.0000
Rate 115	0.0000
Rate 135	0.0000
Rate 145	0.0000
Rate 170	0.0000
Rate 200	0.0000

**Unbundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 125 - per m <sup>3</sup> of contract demand	0.0000
Rate 300 - per m <sup>3</sup> of contract demand	0.0000
Rate 300 (Interruptible)	0.0000

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The following elevation factors shall be applicable to metered volumes measured by a meter that does not correct for atmospheric pressure.

<b>Zone</b>	<b>Elevation Factor</b>
1	0.9644
2	0.9652
3	0.9669
4	0.9678
5	0.9686
6	0.9703
7	0.9728
8	0.9745
9	0.9762
10	0.9771
11	0.9839
12	0.9847
13	0.9856
14	0.9864
15	0.9873
16	0.9881
17	0.9890
18	0.9898
19	0.9907
20	0.9915
21	0.9932
22	0.9941
23	0.9949
24	0.9958
25	0.9960
26	0.9966
27	0.9975
28	0.9981
29	0.9983
30	0.9992
31	0.9997
32	1.0000
33	1.0017
34	1.0025
35	1.0034
36	1.0051
37	1.0059
38	1.0170

RIDER:	<b>G</b>	<b>SERVICE CHARGES</b>
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	<u>Rate</u> (excluding HST)
<u>New Account Or Activation</u>	
New Account Charge	\$25.00
Turning on of gas, activating appliances, obtaining billing data and establishing an opening meter reading for new customers in premises where gas has been previously supplied	
Appliance Activation Charge - Commercial Customers Only	\$70.00
Commercial customers are charged an appliance activation charge on unlock and red unlock orders, except on the very first unlock and service unlock at a premise.	minimum 1/2 hour work. Total Amount depends on time required
Meter Unlock Charge - Seasonal or Pool Heater	\$70.00
Seasonal for all other revenue classes, or Pool Heater for residential only	
<u>Statement of Account</u>	
Lawyer Letter Handling Charge	\$15.00
Provide the customer's lawyer with gas bill information.	
Statement of Account Charge (for one year history)	\$10.00
<u>Cheques Returned Non-Negotiable Charge</u>	\$20.00
<u>Gas Termination</u>	
Red Lock Charge	\$70.00
Locking meter or shutting off service by closing the street shut-off valve (when work can be performed by Field Collector)	
Removal of Meter	\$280.00
Removing meter by Construction & Maintenance crew	
Cut Off At Main Charge	\$1,300.00
Cutting service off at main by Construction & Maintenance Crew	
Valve Lock Charge	
Shutting off service by closing the street shut-off valve - work performed by Field Investigator	\$135.00
- work performed by Construction & Maintenance	\$280.00
<u>Safety Inspection</u>	
Inspection Charge	\$70.00
For inspection of gas appliances; the Company provides only one inspection free of charge, upon first time introduction of gas to a premise.	
Inspection Reject Charge (safety inspection)	\$70.00
Energy Board Inspection rejects are billed to the meter installer or homeowner.	

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Meter Test

## Meter Test Charge

When a customer disputes the reading on his/her meter, he/she may request to have the meter tested. This charge will apply if the test result confirms the meter is recording consumption correctly.

Residential meters \$105.00

Non-Residential meters Time & Material per Contractor

Street Service Alteration

## Street Service Alteration Charge

For installation of service line beyond allowable guidelines (for new residential services only)

\$32.00

NGV Rental

NGV Rental Cylinder (weighted average)

\$12.00

Other Customer Services (ad-hoc request)  
and Third Party Services (damages investigation and repair)

## Labour Hourly Charge-Out Rate

Other Services (including ad-hoc customer requests and charges to customers and third parties for responding, investigating and repairing damages to Company facilities)

\$140.00

## Cut Off At Main Charge - Commercial &amp; Special Requests

Cut Off At Main charges for commercial services and other residential services that involve significantly more work than the average will be custom quoted.

custom quoted

## Cut Off At Main Charge - Other Customer Requests

Other residential Cut Off At Main requests due to demolitions, fires, inactive services, etc. will be charged at the standard COAM rate.

\$1,300.00

## Meter In-Out (Residential Only))

Relocate the meter from inside to outside per customer request

\$280.00

## Request For Service Call Information

Provide written information of the result of a service call as requested by home owners.

\$30.00

## Temporary Meter Removal

As requested by customers.

\$280.00

## Damage Meter Charge

\$380.00

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**APPLICABILITY:**

This rider is applicable to any Applicant who enters into Gas Delivery Agreement with the Company under any rate.

**IN FRANCHISE TITLE TRANSFER SERVICE:**

In any Gas Delivery Agreement between the Company and the Applicant, an Applicant may elect to initiate a transfer of natural gas from one of its pools to the pool of another Applicant for the purposes of reducing an imbalance between the Applicant's deliveries and consumption as recorded in its Banked Gas Account or Cumulative Imbalance Account. Elections must be made in accordance with the Company's policies and procedures related to transaction requests under the Gas Delivery Agreement.

The Company will not apply an Administration charge for transfers between pools that have similar Points of Acceptance (i.e. both Ontario, both Western, or both Dawn Points of Acceptance). For transfers between pools that have dissimilar Points of Acceptance (i.e. one Ontario and one Western Point of Acceptance or, one Western and one Dawn point of Acceptance), the Company will apply the following Administration Charge per transaction to the pool transferring the natural gas (i.e. the seller or transferor).

<b>Administration Charge:</b>	\$169.00 per transaction
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Also, the applicable average cost of transportation as per Rider A for the transferred volume is charged to the pool with a Western or Dawn Point of Acceptance for transfers to a pool with an Ontario Point of Acceptance. The average cost of transportation as per Rider A for the transferred volume is remitted to the pool with a Western or Dawn Point of Acceptance for transfers from a pool with an Ontario Point of Acceptance. The applicable average cost of transportation as per Rider A is adjusted for transfers between Western and Dawn Points of Acceptance, so that the seller pool (transferor) is charged the applicable cost per volume transferred and the buyer pool or (recipient) is remitted at the applicable cost per volume transferred.

**ENHANCED TITLE TRANSFER SERVICE:**

In any Gas Delivery Agreement between the Company and the Applicant, the Applicant may elect to initiate a transfer of natural gas between the Company and another utility, regulated by the Ontario Energy Board, at Dawn for the purposes of reducing an imbalance between the customer's deliveries and consumption within the Enbridge Gas Distribution franchise areas. The ability of the Company to accept such an election may be constrained at various points in time for customers obtaining services under any rate other than Rate 125 or 300 due to operational considerations of the Company.

The cost for this service is separated between an Administration Charge that is applicable to all Applicants and a Bundled Service Charge that is only applicable to Applicants obtaining services under any rate other than Rate 125 or 300.

**Administration Charge:**

Base Charge	\$50.00 per transaction
Commodity Charge	\$0.4709 per 10 <sup>3</sup> m <sup>3</sup>

**Bundled Service Charge:**

The Bundled Service Charge shall be equal to the absolute difference between the Eastern Zone and Southwest Zone Firm Transportation tolls approved by the National Energy Board for TCPL at a 100% Load Factor.

Also, the average cost of transportation as per Rider A for the transferred volume is charged to the Applicant with a Western Point of Acceptance for transfers to another party. The average cost of transportation as per Rider A for the transferred volume is remitted to the Applicant with a Western Point of Acceptance for transfers from another party.

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**GAS IN STORAGE TITLE TRANSFER:**

An Applicant that holds a contract for storage services under Rate 315 or 316 may elect to initiate a transfer of title to the natural gas currently held in storage between the storage service and another storage service held by the Applicant, or any other Applicant that has contracted with the Company for storage services under Rate 315 or 316. The service will be provided on a firm basis up to the volume of gas that is equivalent to the more restrictive firm withdrawal and injection parameters of the two parties involved in the transfer. Transfer of title at rates above this level may be done on at the Company's discretion.

For Applicants requesting service between two storage service contracts that have like services, each party to the request shall pay an Administration Charge applicable to the request. Services shall be considered to be alike if the injection and deliverability rate at the ratchet levels in effect at the time of the request are the same and both services are firm or both services are interruptible. In addition to like services, the Company, at its sole discretion based on operational conditions, will also allow for the transfer of gas from a storage service contract that has a level of deliverability that is higher than the level of deliverability of the storage service contract the gas is being transferred to with only the Administration Charge being applicable to each party.

In addition to the Administration Charge, Applicants requesting service between two storage service contracts not addressed in the preceding paragraph would be subject to the injection and withdrawal charges specified in their contracts.

<b>Administration Charge:</b>	\$25.00 per transaction
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**Rate Rider Summary  
April 2018 - QRAM Q2**

Item No.	Description	Sales Service Unit Rate	Western Transportation Service Unit Rate	Ontario Transportation Service Unit Rate	Dawn Transportation Service Unit Rate
		Col. 1 (¢/m³)	Col. 2 (¢/m³)	Col. 3 (¢/m³)	Col. 4 (¢/m³)
1.	Rate 1	(0.0885)	0.1221	0.2340	0.2340
2.	Rate 6	(0.1079)	0.1090	0.2209	0.2209
3.	Rate 9	(0.1079)	0.1090	0.2209	0.2209
4.	Rate 100	(0.1079)	0.1090	0.2209	0.2209
5.	Rate 110	(0.7708)	(0.0616)	0.0503	0.0503
6.	Rate 115	(0.8981)	(0.0940)	0.0179	0.0179
7.	Rate 135	(0.9160)	(0.1119)	0.0000	0.0000
8.	Rate 145	(0.4301)	0.0011	0.1130	0.1130
9.	Rate 170	(0.4595)	(0.0620)	0.0499	0.0499
10.	Rate 200	(0.0595)	0.1017	0.2136	0.2136

**Summary of Commodity Rider  
April 2018 - QRAM Q2**

Item No.	Description	Commodity		Inventory		Total	
		Unit Rate	Col. 1 (¢/m³)	Adjustment	Unit Rate	Col. 2 (¢/m³)	Commodity Unit Rate (1)
1.	Rate 1	(0.8041)		0.5935		(0.2106)	
2.	Rate 6	(0.8041)		0.5872		(0.2169)	
3.	Rate 9	0.0000		0.0000		0.0000	
4.	Rate 100	0.0000		0.0000		0.0000	
5.	Rate 110	(0.8041)		0.0949		(0.7092)	
6.	Rate 115	(0.8041)		0.0000		(0.8041)	
7.	Rate 135	(0.8041)		0.0000		(0.8041)	
8.	Rate 145	(0.8041)		0.3729		(0.4312)	
9.	Rate 170	(0.8041)		0.4066		(0.3975)	
10.	Rate 200	(0.8041)		0.6429		(0.1612)	

Notes: (1) Col. 3 = Col. 1 + Col. 2



**Summary of Transportation Rider**  
**April 2018 - QRAM Q2**

Item No.	Description	Total Transportation	
		Unit Rate	Col. 1 (¢/m³)
1.	Rate 1	(0.1119)	
2.	Rate 6	(0.1119)	
3.	Rate 9	0.0000	
4.	Rate 100	0.0000	
5.	Rate 110	(0.1119)	
6.	Rate 115	(0.1119)	
7.	Rate 135	(0.1119)	
8.	Rate 145	(0.1119)	
9.	Rate 170	(0.1119)	
10.	Rate 200	(0.1119)	

**Summary for Load Balancing Rider  
April 2018 - QRAM Q2**

Item No.	Description	Peaking Supplies	Delivered Supplies	Curtailment Revenue	Total Load Balancing
		Unit Rate Col. 1 (¢/m³)	Unit Rate Col. 2 (¢/m³)	Unit Rate Col. 3 (¢/m³)	Unit Rate Col. 4 (¢/m³) (1)
1.	Rate 1	0.0019	0.2321	0.0000	0.2340
2.	Rate 6	0.0015	0.2194	0.0000	0.2209
3.	Rate 9	0.0000	0.0000	0.0000	0.0000
4.	Rate 100	0.0000	0.0000	0.0000	0.0000
5.	Rate 110	(0.0001)	0.0504	0.0000	0.0503
6.	Rate 115	0.0000	0.0179	0.0000	0.0179
7.	Rate 135	0.0000	0.0000	0.0000	0.0000
8.	Rate 145	0.0000	0.1130	0.0000	0.1130
9.	Rate 170	0.0000	0.0499	0.0000	0.0499
10.	Rate 200	0.0007	0.2129	0.0000	0.2136

Notes: (1) Col. 4 = Col. 1 + Col. 2 + Col. 3

**ENBRIDGE GAS DISTRIBUTION INC.**  
**Unit Rates for Component: Gas in Inventory Revaluation**

Item No.	Description	Year 2017			Year 2018			Total Unit Rate (₱/m³)			
		July	October		January	April					
		Q2 Col. 1 (₱/m³)	(1)	Q3 Col. 2 (₱/m³)	(2)	Q4 Col. 3 (₱/m³)	(3)		Q1 Col. 4 (₱/m³)	(4)	Col. 5 (₱/m³)
1	Rate 1	(0.1373)		0.7784		(0.1085)		0.0611		0.5935	
2	Rate 6	(0.1360)		0.7707		(0.1087)		0.0612		0.5872	
3	Rate 9	0.0000		0.0000		0.0000		0.0000		0.0000	
4	Rate 100	0.0000		0.0000		0.0000		0.0000		0.0000	
5	Rate 110	(0.0214)		0.1213		(0.0114)		0.0064		0.0949	
6	Rate 115	0.0000		0.0000		0.0000		0.0000		0.0000	
7	Rate 135	0.0000		0.0000		0.0000		0.0000		0.0000	
8	Rate 145	(0.0842)		0.4773		(0.0461)		0.0260		0.3729	
9	Rate 170	(0.0924)		0.5239		(0.0569)		0.0320		0.4066	
10	Rate 200	(0.1491)		0.8450		(0.1212)		0.0682		0.6429	

Notes: (1) EB-2017-0181, Exhibit Q3-3, Tab 4, Schedule 8, Page 11  
(2) EB-2017-0281, Exhibit Q4-3, Tab 4, Schedule 8, Page 11  
(3) EB-2017-0347, Exhibit Q1-3, Tab 4, Schedule 8, Page 11  
(4) EB-2018-0090, Exhibit Q2-3, Tab 4, Schedule 8, Page 11  
(5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

**ENBRIDGE GAS DISTRIBUTION INC.**  
**Unit Rates for Component: Commodity**

Item No.	Description	Year 2017			Year 2018			Total Unit Rate Col. 5 (¢/m³)
		July	October	(2)	January	(3)	April	
		Q2 Col. 1 (¢/m³)	Q3 Col. 2 (¢/m³)		Q4 Col. 3 (¢/m³)			
1	Rate 1	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
2	Rate 6	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
3	Rate 9	0.0000	0.0000		0.0000	0.0000	0.0000	
4	Rate 100	0.0000	0.0000		0.0000	0.0000	0.0000	
5	Rate 110	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
6	Rate 115	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
7	Rate 135	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
8	Rate 145	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
9	Rate 170	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	
10	Rate 200	0.0902	(0.9135)		0.2105	(0.1912)	(0.8041)	

Notes: (1) EB-2017-0181, Exhibit Q3-3, Tab 4, Schedule 8, Page 12  
(2) EB-2017-0281, Exhibit Q4-3, Tab 4, Schedule 8, Page 12  
(3) EB-2017-0347, Exhibit Q1-3, Tab 4, Schedule 8, Page 12  
(4) EB-2018-0090, Exhibit Q2-3, Tab 4, Schedule 8, Page 12  
(5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

**ENBRIDGE GAS DISTRIBUTION INC.**  
**Unit Rates for Component: Transportation**

Item No.	Description	Year 2017			Year 2018			Total Unit Rate Col. 5 (¢/m³)
		July	October	January	April			
		Q2 Col. 1 (¢/m³)	Q3 Col. 2 (¢/m³)	Q4 Col. 3 (¢/m³)	Q1 Col. 4 (¢/m³)			
1	Rate 1	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
2	Rate 6	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000		
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000		
5	Rate 110	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
6	Rate 115	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
7	Rate 135	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
8	Rate 145	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
9	Rate 170	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		
10	Rate 200	(0.0180)	(0.0361)	(0.0714)	0.0136	(0.1119)		

Notes: (1) EB-2017-0181, Exhibit Q3-3, Tab 4, Schedule 8, Page 13  
(2) EB-2017-0281, Exhibit Q4-3, Tab 4, Schedule 8, Page 13  
(3) EB-2017-0347, Exhibit Q1-3, Tab 4, Schedule 8, Page 13  
(4) EB-2018-0090, Exhibit Q2-3, Tab 4, Schedule 8, Page 13  
(5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

**ENBRIDGE GAS DISTRIBUTION INC.**  
**Unit Rates for Component: Peaking Supplies**

Item No.	Description	Year 2017			Year 2018			Total Unit Rate (₱/m³) (5)
		July	October	January	April			
		Q2 Col. 1 (₱/m³) (1)	Q3 Col. 2 (₱/m³) (2)	Q4 Col. 3 (₱/m³) (3)	Q1 Col. 4 (₱/m³) (4)			
1	Rate 1	(0.0054)	(0.0000)	(0.0050)	0.0123	0.0019		
2	Rate 6	(0.0043)	(0.0000)	(0.0039)	0.0097	0.0015		
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000		
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000		
5	Rate 110	(0.0003)	(0.0000)	(0.0001)	0.0003	(0.0001)		
6	Rate 115	(0.0001)	(0.0000)	(0.0001)	0.0002	0.0000		
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000		
8	Rate 145	0.0000	0.0000	0.0000	0.0000	0.0000		
9	Rate 170	0.0000	0.0000	0.0000	0.0000	0.0000		
10	Rate 200	(0.0027)	(0.0000)	(0.0024)	0.0058	0.0007		

Notes: (1) EB-2017-0181, Exhibit Q3-3, Tab 4, Schedule 8, Page 14  
(2) EB-2017-0281, Exhibit Q4-3, Tab 4, Schedule 8, Page 14  
(3) EB-2017-0347, Exhibit Q1-3, Tab 4, Schedule 8, Page 14  
(4) EB-2018-0090, Exhibit Q2-3, Tab 4, Schedule 8, Page 14  
(5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

**ENBRIDGE GAS DISTRIBUTION INC.**  
**Unit Rates for Component: Delivered Supplies**

Item No.	Description	Year 2017			Year 2018			Total Unit Rate (₱/m³) (5)
		July	October		January	April		
		Q2 Col. 1 (₱/m³) (1)	Q3 Col. 2 (₱/m³) (2)	Q4 Col. 3 (₱/m³) (3)	Q1 Col. 4 (₱/m³) (4)			
1	Rate 1	0.0185	0.0041	(0.1090)	0.3185	0.2321		
2	Rate 6	0.0176	0.0039	(0.1030)	0.3008	0.2194		
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000		
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000		
5	Rate 110	0.0041	0.0009	(0.0236)	0.0689	0.0504		
6	Rate 115	0.0015	0.0003	(0.0084)	0.0245	0.0179		
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000		
8	Rate 145	0.0091	0.0020	(0.0530)	0.1549	0.1130		
9	Rate 170	0.0042	0.0009	(0.0233)	0.0680	0.0499		
10	Rate 200	0.0164	0.0036	(0.1003)	0.2932	0.2129		

Notes: (1) EB-2017-0181, Exhibit Q3-3, Tab 4, Schedule 8, Page 16  
(2) EB-2017-0281, Exhibit Q4-3, Tab 4, Schedule 8, Page 16  
(3) EB-2017-0347, Exhibit Q1-3, Tab 4, Schedule 8, Page 16  
(4) EB-2018-0090, Exhibit Q2-3, Tab 4, Schedule 8, Page 16  
(5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

**ENBRIDGE GAS DISTRIBUTION INC.**  
**Unit Rates for Component: Curtailment Revenue**

Item No.	Description	Year 2017			Year 2018			Total Unit Rate (₱/m³)
		July	October		January	April		
		Q2 Col. 1 (₱/m³)	Q3 Col. 2 (₱/m³)	(1)	Q4 Col. 3 (₱/m³)	Q1 Col. 4 (₱/m³)	(4)	
1	Rate 1	0.0000	0.0000		0.0000	0.0000		0.0000
2	Rate 6	0.0000	0.0000		0.0000	0.0000		0.0000
3	Rate 9	0.0000	0.0000		0.0000	0.0000		0.0000
4	Rate 100	0.0000	0.0000		0.0000	0.0000		0.0000
5	Rate 110	0.0000	0.0000		0.0000	0.0000		0.0000
6	Rate 115	0.0000	0.0000		0.0000	0.0000		0.0000
7	Rate 135	0.0000	0.0000		0.0000	0.0000		0.0000
8	Rate 145	0.0000	0.0000		0.0000	0.0000		0.0000
9	Rate 170	0.0000	0.0000		0.0000	0.0000		0.0000
10	Rate 200	0.0000	0.0000		0.0000	0.0000		0.0000

Notes: (1) EB-2017-0181, Exhibit Q3-3, Tab 4, Schedule 8, Page 15  
(2) EB-2017-0281, Exhibit Q4-3, Tab 4, Schedule 8, Page 15  
(3) EB-2017-0347, Exhibit Q1-3, Tab 4, Schedule 8, Page 15  
(4) EB-2018-0090, Exhibit Q2-3, Tab 4, Schedule 8, Page 15  
(5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4



**Derivation of Gas in Inventory Revaluation Unit Rates  
April 2018 - QRAM Q2**

Item No	Description	Forecast Volumes		% Allocation (1)	Inventory Revaluation (2)	Inventory Revaluation Rate Class (3)	Inventory Revaluation Unit Rate (4)
		Col. 1 (m <sup>3</sup> )	April 2018 - March 2019 (12 months volume)				
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	
		(m <sup>3</sup> )	(%)	(\$)	(\$)	(¢/m <sup>3</sup> )	
1.	Rate 1	System and Buy/sell	4,583,610,987	58.15%	2,799,053	0.0611	
2.	Rate 6	System and Buy/sell	3,121,314,641	39.66%	1,909,288	0.0612	
3.	Rate 9	System and Buy/sell	-	0.00%	0	-	
4.	Rate 100	System and Buy/sell	-	0.00%	0	-	
5.	Rate 110	System and Buy/sell	56,321,753	0.08%	3,618	0.0064	
6.	Rate 115	System and Buy/sell	-	0.00%	0	-	
7.	Rate 135	System and Buy/sell	4,473,402	0.00%	0	-	
8.	Rate 145	System and Buy/sell	8,575,043	0.05%	2,226	0.0260	
9.	Rate 170	System and Buy/sell	34,474,919	0.23%	11,036	0.0320	
10.	Rate 200	System and Buy/sell	129,627,100	1.84%	88,401	0.0682	
11.	Grand Total		7,938,397,845	100.00%	4,813,622	4,813,622	

Notes: (1) Space less T-service allocation factor  
(2) EB-2018-0090, Exhibit Q2-4, Tab 1, Schedule 3, Page 1, Line 27, Col. 6 + Page 2, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* 4813622 (Inventory Revaluation)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Commodity Unit Rates  
April 2018 - QRAM Q2**

Item No	Description	Forecast Volumes		% Allocation (1)	Commodity Total for Clearing (2)	Commodity Valuation Rate Class (3)	Commodity Unit Rate (4)
		Col. 1 (m <sup>3</sup> )	April 2018 - March 2019 (12 months volume)				
		Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (¢/m <sup>3</sup> )		
1.	Rate 1 System and Buy/sell	57.74%	4,583,610,987	(8,765,067)	(0.1912)		
2.	Rate 6 System and Buy/sell	39.32%	3,121,314,641	(5,968,773)	(0.1912)		
3.	Rate 9 System and Buy/sell	0.00%	-	0	-		
4.	Rate 100 System and Buy/sell	0.00%	-	0	-		
5.	Rate 110 System and Buy/sell	0.71%	56,321,753	(107,702)	(0.1912)		
6.	Rate 115 System and Buy/sell	0.00%	-	0	-		
7.	Rate 135 System and Buy/sell	0.06%	4,473,402	(8,554)	(0.1912)		
8.	Rate 145 System and Buy/sell	0.11%	8,575,043	(16,398)	(0.1912)		
9.	Rate 170 System and Buy/sell	0.43%	34,474,919	(65,925)	(0.1912)		
10.	Rate 200 System and Buy/sell	1.63%	129,627,100	(247,881)	(0.1912)		
11.	Grand Total	100.00%	7,938,397,845	(15,180,300)	(15,180,300)		

Notes: (1) Annual Sales allocation factor. EB-2018-0090, Exhibit Q2-4, Tab 3, Schedule 4, Page 1  
(2) EB-2018-0090, Exhibit Q2-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 9 + Page 5, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* -15180300 (Commodity)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Transportation Unit Rates**  
**April 2018 - QRAM Q2**

Item No	Description	Forecast Volumes		% Allocation (1)	Transportation Total for Clearing (2)	Transportation Valuation Rate Class (3)	Transportation Unit Rate (4)
		April 2018 - March 2019 (12 months volume)					
		Col. 1 (m <sup>3</sup> )	Col. 2 (%)				
1.	Rate 1	System, Buy/sell, WTS	4,634,555,607	53.36%		629,239	0.0136
2.	Rate 6	System, Buy/sell, WTS	3,620,680,139	41.69%		491,584	0.0136
3.	Rate 9	System, Buy/sell, WTS	-	0.00%		0	-
4.	Rate 100	System, Buy/sell, WTS	-	0.00%		0	-
5.	Rate 110	System, Buy/sell, WTS	216,485,828	2.49%		29,393	0.0136
6.	Rate 115	System, Buy/sell, WTS	11,292,002	0.13%		1,533	0.0136
7.	Rate 135	System, Buy/sell, WTS	18,862,437	0.22%		2,561	0.0136
8.	Rate 145	System, Buy/sell, WTS	10,692,138	0.12%		1,452	0.0136
9.	Rate 170	System, Buy/sell, WTS	42,445,767	0.49%		5,763	0.0136
10.	Rate 200	System, Buy/sell, WTS	129,627,100	1.49%		17,600	0.0136
11.	Grand Total		8,684,641,017	100.00%	1,179,124	1,179,124	

Notes: (1) Bundled Transportation Deliveries allocation factor. EB-2018-0090, Exhibit Q2-4, Tab 3, Schedule 4, Page 1  
(2) EB-2018-0090, Exhibit Q2-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 10 + Page 6, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* 1179124 (Transportation)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Peaking Supplies Unit Rates  
April 2018 - QRAM Q2**

Item No	Description	Forecast Volumes		% Allocation (1)	Peaking Supplies Total for Clearing (2)	Peaking Supplies Valuation Rate Class (3)	Peaking Supplies Unit Rate (4)
		April 2018 - March 2019 (12 months volume)	Col. 1 (m <sup>3</sup> )	Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (€/m <sup>3</sup> )
1.	Rate 1	System, Buy/sell, WTS, OTS, DTS	4,750,232,068	54.93%		585,303	0.0123
2.	Rate 6	System, Buy/sell, WTS, OTS, DTS	4,829,757,672	43.82%		466,956	0.0097
3.	Rate 9	System, Buy/sell, WTS, OTS, DTS	-	0.00%		0	-
4.	Rate 100	System, Buy/sell, WTS, OTS, DTS	-	0.00%		0	-
5.	Rate 110	System, Buy/sell, WTS, OTS, DTS	789,035,776	0.23%		2,486	0.0003
6.	Rate 115	System, Buy/sell, WTS, OTS, DTS	542,831,421	0.09%		992	0.0002
7.	Rate 135	System, Buy/sell, WTS, OTS, DTS	64,501,276	0.00%		0	-
8.	Rate 145	System, Buy/sell, WTS, OTS, DTS	50,136,173	0.00%		0	-
9.	Rate 170	System, Buy/sell, WTS, OTS, DTS	291,152,329	0.00%		0	-
10.	Rate 200	System, Buy/sell, WTS, OTS, DTS	169,764,400	0.93%		9,876	0.0058
11.	Grand Total		11,487,411,114	100.00%	1,065,612	1,065,612	

Notes: (1) Deliverability allocation factor. EB-2018-0090, Exhibit Q2-4, Tab 3, Schedule 4, Page 1, Line 3.1  
(2) EB-2018-0090, Exhibit Q2-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 12  
(3) Col. 4 = Col. 2 \* 1065612 (Peaking Supplies)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Curtailment Revenue Unit Rates  
April 2018 - QRAM Q2**

Item No	Description	Forecast Volumes		% Allocation <sup>(1)</sup>	Curtailment Revenue Total for Clearing	Curtailment Revenue Valuation Rate Class	Curtailment Revenue Unit Rate <sup>(3)</sup>
		April 2018 - March 2019 (12 months volume)	Col. 1 (m <sup>3</sup> )	Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (¢/m <sup>3</sup> )
1.	Rate 1	System, Buy/sell, WTS, OTS, DTS	4,750,232,068	54.93%		0	-
2.	Rate 6	System, Buy/sell, WTS, OTS, DTS	4,829,757,672	43.82%		0	-
3.	Rate 9	System, Buy/sell, WTS, OTS, DTS	-	0.00%		0	-
4.	Rate 100	System, Buy/sell, WTS, OTS, DTS	-	0.00%		0	-
5.	Rate 110	System, Buy/sell, WTS, OTS, DTS	789,035,776	0.23%		0	-
6.	Rate 115	System, Buy/sell, WTS, OTS, DTS	542,831,421	0.09%		0	-
7.	Rate 135	System, Buy/sell, WTS, OTS, DTS	64,501,276	0.00%		0	-
8.	Rate 145	System, Buy/sell, WTS, OTS, DTS	50,136,173	0.00%		0	-
9.	Rate 170	System, Buy/sell, WTS, OTS, DTS	291,152,329	0.00%		0	-
10.	Rate 200	System, Buy/sell, WTS, OTS, DTS	169,764,400	0.93%		0	-
11.	Grand Total		11,487,411,114	100.00%	0	0	

Notes: (1) Deliverability allocation factor. EB-2018-0090, Exhibit Q2-4, Tab 3, Schedule 4, Page 1, Line 3.1  
(2) EB-2018-0090, Exhibit Q2-4, Tab 1, Schedule 2, Page 8, Line 1, Col. 1  
(3) Col. 4 = Col. 2 \* 0 (Curtailment Revenue)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Delivered Supplies Unit Rates  
April 2018 - QRAM Q2**

Item No	Description	Forecast Volumes April 2018 - March 2019 (12 months volume)	% Allocation <sup>(1)</sup>	Delivered Supplies Total for Clearing	Delivered Supplies Valuation Rate Class	Delivered Supplies Unit Rate
		Col. 1 (m <sup>3</sup> )	Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (€/m <sup>3</sup> )
1.	Rate 1	System, Buy/sell, WTS, OTS, DTS	48.63%	15,129,262	0.3185	
2.	Rate 6	System, Buy/sell, WTS, OTS, DTS	46.71%	14,529,963	0.3008	
3.	Rate 9	System, Buy/sell, WTS, OTS, DTS	0.00%	0	-	
4.	Rate 100	System, Buy/sell, WTS, OTS, DTS	0.00%	0	-	
5.	Rate 110	System, Buy/sell, WTS, OTS, DTS	1.75%	543,572	0.0689	
6.	Rate 115	System, Buy/sell, WTS, OTS, DTS	0.43%	132,767	0.0245	
7.	Rate 135	System, Buy/sell, WTS, OTS, DTS	0.00%	0	-	
8.	Rate 145	System, Buy/sell, WTS, OTS, DTS	0.25%	77,638	0.1549	
9.	Rate 170	System, Buy/sell, WTS, OTS, DTS	0.64%	198,051	0.0680	
10.	Rate 200	System, Buy/sell, WTS, OTS, DTS	1.60%	497,688	0.2932	
11.	Grand Total	11,487,411,114	100.00%	31,108,941	31,108,941	

Notes: (1) Space factor. EB-2018-0090, Exhibit Q2-4, Tab 3, Schedule 4, Page 1  
(2) EB-2018-0090, Exhibit Q2-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 11 + Page 7, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* 31108941 (Delivered Supplies)  
(4) Col. 5 = Col. 4 / Col. 1