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**VIA COURIER**

December 12, 2016

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-2016-0326 Enbridge Gas Distribution Inc.  
Q4 QRAM – Corrected Filing**

Further to Enbridge Gas Distribution's filing of their QRAM application on Friday, December 9, 2016, attached please find a corrected version of the filing.

Exhibit	Original	Update
Exhibit Q1-3-4-1	Exhibit Q1-2-4-1 inadvertently filed a second time	Exhibit Q1-3-4-1 – correct version

Please contact the undersigned if you have any questions.

Sincerely,

[original signed]

Lorraine Chiasson  
Regulatory Coordinator

cc: David Stevens (Aird & Berlis)

APPLICATION FOR RATE ADJUSTMENT - GAS COSTS – Q1

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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 January 1, 2017.

**APPLICATION FOR  
RATE ADJUSTMENT  
Gas Costs  
First Quarter - Test Year 2017**

**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 January 1, 2017. 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 adjusted utility price from EB-2016-0260 is  $\$182.240/10^3\text{m}^3$  ( $\$4.835/\text{GJ}$  @  $37.69 \text{ MJ/m}^3$ ). Enbridge has recalculated the utility price for the first quarter of Test Year 2017 using the prescribed methodology reflecting a lower utility cost. The recalculated utility price is  $\$181.199/10^3\text{m}^3$  ( $\$4.808/\text{GJ}$  @  $37.69 \text{ MJ/m}^3$ ).
5. The resultant rates inclusive of EB-2016-0260 January 1, 2017 QRAM rate change and EB-2016-0215 Final 2017 rate change would increase the total bill for a typical residential customer on system gas by \$5.63 or 0.7% (approx.) annually and, for a typical residential customer on direct purchase, would decrease the total bill by \$0.78 or 0.1% (approx.) annually.
6. The resultant rates inclusive of EB-2016-0260 January 1, 2017 QRAM rate change and EB-2016-0215 Final 2017 rate change and EB-2016-0300 Interim Cap and Trade unit rates would increase the total bill for a typical residential customer on system gas by \$86.07 or 10.0% (approx.) annually and, for a typical residential customer on direct purchase, would increase the total bill by \$79.66 or 13.5% (approx.) annually.

## **PGVA**

7. 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.
8. Effective from January 1, 2017 to December 31, 2017 the Rider C unit rate for residential customers on sales service is (0.7878) ¢/m<sup>3</sup>, for Western T-service it is 0.1299 ¢/m<sup>3</sup> and for Ontario T-service it is 0.1761 ¢/m<sup>3</sup>.

## **Regulatory Framework**

9. 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).
10. 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 December 14, 2016.
  - Any reply comments from Enbridge are filed with the Board, and served on all interested parties, on or before December 16, 2016.
  - The Board thereafter issues an order approving the applicable rate adjustments or modifying them as required, effective January 1, 2017.
11. Enbridge requests that the Board issue such an order on or before December 22, 2016 (if possible). Enbridge would then be able to implement the resultant rates during the first billing cycle in January.
12. 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.
13. 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

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Fax:	(416) 495-6072
Electronic access:	egdregulatoryproceedings@enbridge.com

(2) Ms. Tania Persad  
Senior Legal Counsel,  
Regulatory

Telephone:	(416) 495-5891
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Electronic access:	tania.persad@enbridge.com



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: December 09, 2016

**ENBRIDGE GAS DISTRIBUTION INC.**

[original signed]

Per: \_\_\_\_\_  
Andrew Mandyam  
Director, Regulatory Affairs

## **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>	Vincent J. DeRose
<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>	David MacIntosh
<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>JUST ENERGY ONTARIO L.P.</b>	Nola Ruzyski
<b>JUST ENERGY ONTARIO L.P.</b>	Frances Murray
<b>ONTARIO ASSOCIATION OF PHYSICAL PLANT ASSOCIATION (“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 DeAbreu
<b>UNION GAS LIMITED (“Union”)</b>	Patrick McMahon
<b>VULNERABLE ENERGY CONSUMERS COALITION (“VECC”)</b>	Michael Janigan
<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 January 1, 2017 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 November 2, 2016 to November 30, 2016 for 12 months commencing January 1, 2017 and applied these monthly prices to the 2017 forecasted annual volume of gas purchases as filed in EB-2016-0215 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 seasonal supply arrangements for a portion of its forecasted Chicago purchases at an average premium of \$0.0900 US/Mmbtu relative to NYMEX and for a portion of its Dawn discretionary supplies at an average premium of \$0.40 US/Mmbtu also relative to the NYMEX index. The Company also has an annual supply arrangement for its Niagara/Chippawa purchases at an average discount of \$0.400 US/Mmbtu relative to the Dawn index. Enbridge has reflected these premiums or discounts in the derivation of the reference price established as a part of the QRAM process.

4. The recalculated Utility Price is  $\$181.199/10^3\text{m}^3$  ( $\$4.808/\text{GJ}$ ) (as per Exhibit Q1-3, Tab 1, Schedule 1, p. 1). This represents a unit cost decrease of  $\$1.041/10^3\text{m}^3$  or  $\$0.027/\text{GJ}$  to the adjusted October 1, 2016 reference price of  $\$182.240/10^3\text{m}^3$  ( $\$4.835/\text{GJ}$ ). See note on page 1 of EB-2016-0326 at EB-2016-0326 Exhibit Q1-1, Tab 1, Schedule 1, page 1.
5. The Company is proposing to change its Utility Price, effective January 1, 2017 to  $\$181.199/10^3\text{m}^3$  and change rates accordingly.
6. The recalculated Utility Price of  $\$181.199/10^3\text{m}^3$  represents an annual Western Canadian price of approximately  $\$2.854/\text{GJ}$  at Empress (Exhibit Q1-3, Tab 1, Schedule 4, Column 1). This compares to the forecasted October 2016 Utility Price of  $\$181.866/10^3\text{m}^3$  which represented an annual Western Canadian price of approximately  $\$2.778/\text{GJ}$  at Empress. The forecasted October 2016 Utility Price was based upon a 21-day average of various prices, exchange rates and basis differential from August 3, 2016 to August 31, 2016 for the 12 month period October 2016 to September 2017.
7. Exhibit Q1-3, 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 January 1, 2016 to December 31, 2016, the Company projects a \$35.0 million credit balance in the Purchased Gas Variance Account at the end of December 2016 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 October 2016 QRAM (\$47.8 million). Column 8, Item 13 represents the amount in the PGVA that will need to be cleared via a prospective Rider effective

January 1, 2017 (\$12.8 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 2016 forecast of annual gas supply purchase volumes for the 12 months commencing January 1, 2017, the Company projects a \$(0.0) million balance in the Purchased Gas Variance Account at the end of December 2017.

8. Included in Column 1 is an amount for Extraction Revenue of \$0.6 million for the period of January , 2016 to October 31, 2016 and represents a reduction to the Company's acquisition costs. For a monthly breakdown of this amount please see Exhibit Q1-3, Tab 1 Schedule 5, page 1.
9. Exhibit Q1-3, Tab 1 Schedule 2, page 2, Items 1.1 to 1.12 provides a monthly summary of the variances associated with the January 2016 to December 2016 purchases; Items 2.1 to 2.12 provide a summary of the variances provided in the October 2016 QRAM; and Items 3.1 to 3.12 represent the monthly variances to be cleared as part of the January 2017 QRAM. Exhibit Q1-3, 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 Q1-3, Tab 1, Schedule 2, pages 5 through 7 and Exhibit Q1-3, Tab 1, Schedule 3, page 2 provide the calculation of differences between forecast and actual amounts recovered or refunded through Rider C. Exhibit Q1-3, 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 Q1-3, Tab 1, Schedule 2, page 5, Item 12, represents the actual Rider C amounts refunded in the previous quarter(s).

Witness: D. Small

Exhibit Q1-3, Tab 1, Schedule 2, page 5, Item 13, Column 9, (\$1.1 million) represents the Rider C variances that need to be either collected or refunded to customers within the January 2017 QRAM.

11. Exhibit Q1-3, 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 Q1-3, Tab 1, Schedule 2, page 6, Item 12 represents the actual Rider C amounts recovered in the previous quarter. Exhibit Q1-3, Tab 1, Schedule 2, page 6, Item 13, Column 9 (\$0.0 million) represents the Rider C variances that need to be either collected or refunded to customers within the January 2017 QRAM.
12. Exhibit Q1-3, 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 Q1-3, Tab 1, Schedule 2, page 7, Item 12, represents the actual Rider C amounts recovered in the previous quarter. Exhibit Q1-3, 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 January 2017 QRAM.
13. Exhibit Q1-3, Tab 1, Schedule 3, page 1, provides the revaluation of gas inventory based on the 2016 forecast of volumes and the change in the PGVA Reference price. The total in Item 27, Column 6 (\$3.6 million) is used in the derivation of the January 1, 2017 Rider C unit rates as depicted at Exhibit Q1-3, Tab 4, Schedule 8.
14. Exhibit Q1-3, 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

Witness: D. Small

amounts associated with the inventory re-evaluation component of the PGVA. Exhibit Q1-3, Tab 1, Schedule 2, page 2, Item 12 represents the actual Rider C amounts recovered in the previous quarter. Exhibit Q1-3, Tab 1, Schedule 3, page 3, Item 13, Column 9 (\$1.1 million) represents the Rider C variances that need to be either collected or refunded to customers within the January 2017 QRAM.

15. The derivation of the January 1, 2017 Reference Price is based upon TCPL tolls effective November 1, 2015 the including updated abandonment surcharges pursuant to NEB order TG-011-0216. The toll embedded in the January 2017 reference price is  $\$76.214/10^3\text{m}^3$  (\$2.022/GJ) as compared to the embedded toll in the October 2016 reference price of  $\$74.792/10^3\text{m}^3$  (\$1.984/GJ). This represents an increase of  $1.422/10^3\text{m}^3$  (\$0.038/GJ). The increase is the result of updated TCPL Abandonment charges effective January 1, 2017. For reference, a copy of the current TCPL toll schedule is found as Attachment 1 and a copy of the Final 2017 Abandonment charges is found as Attachment 2.

TransCanada PipeLines Limited  
Final Mainline Transportation Tolls Effective July 1, 2015 (Amended November 1, 2016) and  
Final Abandonment Surcharges Effective January 1, 2016 (Amended November 1, 2016)

**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	5.23197	0.17201	0.26971	0.0088
2	Union WDA	39.71839	1.30581	2.45373	0.0805
3	Union NDA	16.92748	0.55652	0.90892	0.0298
4	Union EDA	11.84212	0.38933	0.56423	0.0185
5	KPUC EDA	11.39043	0.37448	0.53360	0.0175
6	GMIT EDA	19.47488	0.64027	1.08161	0.0355
7	Enbridge CDA	6.05839	0.19918	0.17218	0.0057
8	Enbridge EDA	15.16514	0.49858	0.78946	0.0259
9	Cornwall	15.38840	0.50592	0.80461	0.0264
10	Philipsburg	19.52568	0.64194	1.08502	0.0356

**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)
11	Kirkwall to Thorold CDA	6.98093	0.22951	0.19172	0.0063
12	Union Parkway Belt to Goreway CDA	5.19730	0.17087	0.08183	0.0027
13	Union Parkway Belt to Victoria Square #2 CDA	6.13839	0.20181	0.13980	0.0046
14	Union Parkway Belt to Schomberg #2 CDA	6.07695	0.19979	0.13601	0.0045

**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)
15	Union Parkway Belt to Union EDA	13.02633	0.42826	0.56423	0.0185

**Delivery Pressure**

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

16 Average Delivery Pressure Toll 1.01227 0.03328

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)
17	Union Dawn Receipt Point Surcharge	0.10724	0.00353

**Short Notice Balancing (SNB) Service**

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

18 SNB Toll

Note: This SNB Toll is a representative toll for the Eastern Region. 3.42005 0.1124

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

Line No	Particulars	Capacity Charge (\$/GJ/D)
	(a)	(b)
19	Western Section	1.52481
20	Eastern Section	0.41865

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  
Final Mainline Transportation Tolls Effective July 1, 2015 (Amended November 1, 2016) and  
Final Abandonment Surcharges Effective January 1, 2016 (Amended November 1, 2016)

- 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 1 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 1 for the delivery pressure toll.
- (v) Effective November 1, 2016, the Union CDA is modified such that the Union Parkway Belt, Bronte and Burlington meters are removed from the Union CDA. The Bronte and Burlington meters are put within a new delivery area called the Union ECDA, and the Parkway-Union meter will become a new standalone delivery location called Union Parkway Belt. The remaining Union CDA meters, Nanticoke and Hamilton Gate, continue to reside in the Union CDA.
- (vi) 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	2.82084	0.0927	0.03553	0.0012
2	Empress	TransGas SSDA	10.14061	0.3334	0.74653	0.0245
3	Empress	Centram SSDA	13.13970	0.4320	1.03782	0.0340
4	Empress	Centram MDA	17.69246	0.5817	1.48004	0.0485
5	Empress	Centrat MDA	19.73099	0.6487	1.67803	0.0550
6	Empress	Union WDA	28.25009	0.9288	2.50552	0.0822
7	Empress	Nipigon WDA	30.75885	1.0113	2.74922	0.0901
8	Empress	Union NDA	43.45325	1.4286	3.98226	0.1306
9	Empress	Calstock NDA	36.33970	1.1947	3.29128	0.1079
10	Empress	Tunis NDA	40.73309	1.3392	3.71804	0.1219
11	Empress	GMIT NDA	44.34933	1.4581	4.06927	0.1334
12	Empress	Union SSMDA	39.41270	1.2958	3.58979	0.1177
13	Empress	Union NCDA	52.97945	1.7418	4.55400	0.1493
14	Empress	Union CDA	54.38865	1.7881	4.68148	0.1535
15	Empress	Union ECDA	54.69464	1.7982	4.70917	0.1544
16	Empress	Union EDA	58.47513	1.9225	5.05113	0.1656
17	Empress	Union Parkway Belt	54.48629	1.7913	4.69033	0.1538
18	Empress	Enbridge CDA	55.57064	1.8270	4.78838	0.1570
19	Empress	Enbridge Parkway CDA	54.48629	1.7913	4.69033	0.1538
20	Empress	Enbridge EDA	57.23474	1.8817	4.93893	0.1619
21	Empress	KPUC EDA	59.66807	1.9617	5.15905	0.1692
22	Empress	GMIT EDA	61.27133	2.0144	5.30407	0.1739
23	Empress	Enbridge SWDA	50.37578	1.6562	4.31850	0.1416
24	Empress	Union SWDA	50.31069	1.6541	4.31260	0.1414
25	Empress	Chippawa	55.85534	1.8363	4.81416	0.1578
26	Empress	Cornwall	58.20929	1.9137	5.02710	0.1648
27	Empress	East Hereford	64.66279	2.1259	5.61088	0.1840
28	Empress	Emerson 1	20.08686	0.6604	1.71263	0.0562
29	Empress	Emerson 2	20.08686	0.6604	1.71263	0.0562
30	Empress	Iroquois	57.60704	1.8939	4.97262	0.1630
31	Empress	Kirkwall	53.79400	1.7686	4.62770	0.1517
32	Empress	Napierville	60.99302	2.0053	5.27890	0.1731
33	Empress	Niagara Falls	55.81215	1.8349	4.81024	0.1577
34	Empress	North Bay Junction	46.37964	1.5248	4.26650	0.1399
35	Empress	Philipsburg	61.30905	2.0156	5.30751	0.1740
36	Empress	Spruce	19.73099	0.6487	1.67803	0.0550
37	Empress	St. Clair	46.51317	1.5292	4.27944	0.1403
38	Empress	Welwyn	13.13970	0.4320	1.03782	0.0340
39	Empress	Dawn Export	50.37578	1.6562	4.31850	0.1416
40	Bayhurst 1	Empress	3.33245	0.1096	0.08525	0.0028
41	Bayhurst 1	TransGas SSDA	9.62992	0.3166	0.69692	0.0229
42	Bayhurst 1	Centram SSDA	12.62748	0.4152	0.98810	0.0324
43	Bayhurst 1	Centram MDA	17.18055	0.5648	1.43033	0.0469
44	Bayhurst 1	Centrat MDA	19.21877	0.6319	1.62831	0.0534
45	Bayhurst 1	Union WDA	27.73848	0.9120	2.45583	0.0805
46	Bayhurst 1	Nipigon WDA	30.24694	0.9944	2.69950	0.0885
47	Bayhurst 1	Union NDA	42.94134	1.4118	3.93252	0.1289
48	Bayhurst 1	Calstock NDA	35.82779	1.1779	3.24156	0.1063
49	Bayhurst 1	Tunis NDA	40.22148	1.3224	3.66832	0.1203
50	Bayhurst 1	GMIT NDA	43.83741	1.4412	4.01955	0.1318
51	Bayhurst 1	Union SSMDA	38.90079	1.2789	3.54006	0.1161
52	Bayhurst 1	Union NCDA	52.42921	1.7237	4.50425	0.1477
53	Bayhurst 1	Union CDA	53.83902	1.7701	4.63177	0.1519
54	Bayhurst 1	Union ECDA	54.14532	1.7801	4.65947	0.1528
55	Bayhurst 1	Union EDA	57.92520	1.9044	5.00140	0.1640
56	Bayhurst 1	Union Parkway Belt	53.93696	1.7733	4.64060	0.1522
57	Bayhurst 1	Enbridge CDA	55.02132	1.8089	4.73872	0.1554
58	Bayhurst 1	Enbridge Parkway CDA	53.93696	1.7733	4.64060	0.1522
59	Bayhurst 1	Enbridge EDA	56.68480	1.8636	4.88919	0.1603
60	Bayhurst 1	KPUC EDA	59.11814	1.9436	5.10932	0.1675

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	GMIT EDA	60.72140	1.9963	5.25433	0.1723
2	Bayhurst 1	Enbridge SWDA	49.82615	1.6381	4.26877	0.1400
3	Bayhurst 1	Union SWDA	49.76106	1.6360	4.26287	0.1398
4	Bayhurst 1	Chippawa	55.30541	1.8183	4.76444	0.1562
5	Bayhurst 1	Cornwall	57.65996	1.8957	4.97738	0.1632
6	Bayhurst 1	East Hereford	64.11347	2.1078	5.56116	0.1823
7	Bayhurst 1	Emerson 1	19.57525	0.6436	1.66291	0.0545
8	Bayhurst 1	Emerson 2	19.57525	0.6436	1.66291	0.0545
9	Bayhurst 1	Iroquois	57.05741	1.8759	4.92290	0.1614
10	Bayhurst 1	Kirkwall	53.24468	1.7505	4.57798	0.1501
11	Bayhurst 1	Napierville	60.44309	1.9872	5.22917	0.1715
12	Bayhurst 1	Niagara Falls	55.26222	1.8168	4.76052	0.1561
13	Bayhurst 1	North Bay Junction	45.86773	1.5080	4.21677	0.1383
14	Bayhurst 1	Philipsburg	60.75973	1.9976	5.25779	0.1724
15	Bayhurst 1	Spruce	19.21877	0.6319	1.62831	0.0534
16	Bayhurst 1	St. Clair	46.00095	1.5124	4.22972	0.1387
17	Bayhurst 1	Welwyn	12.62748	0.4152	0.98810	0.0324
18	Bayhurst 1	Dawn Export	49.82615	1.6381	4.26877	0.1400
19	Calstock NDA	Empress	-	1.1947	-	0.1079
20	Calstock NDA	TransGas SSDA	-	0.9541	-	0.0846
21	Calstock NDA	Centram SSDA	-	0.8555	-	0.0751
22	Calstock NDA	Centram MDA	-	0.7072	-	0.0607
23	Calstock NDA	Centrat MDA	-	0.6388	-	0.0541
24	Calstock NDA	Union WDA	-	0.3817	-	0.0292
25	Calstock NDA	Nipigon WDA	-	0.2762	-	0.0189
26	Calstock NDA	Union NDA	-	0.3266	-	0.0238
27	Calstock NDA	Calstock NDA	-	0.0927	-	0.0012
28	Calstock NDA	Tunis NDA	-	0.2372	-	0.0152
29	Calstock NDA	GMIT NDA	-	0.3561	-	0.0267
30	Calstock NDA	Union SSMDA	-	1.0856	-	0.0973
31	Calstock NDA	Union NCDA	-	0.5585	-	0.0426
32	Calstock NDA	Union CDA	-	0.7045	-	0.0557
33	Calstock NDA	Union ECDA	-	0.6750	-	0.0531
34	Calstock NDA	Union EDA	-	0.7413	-	0.0591
35	Calstock NDA	Union Parkway Belt	-	0.6681	-	0.0525
36	Calstock NDA	Enbridge CDA	-	0.6641	-	0.0521
37	Calstock NDA	Enbridge Parkway CDA	-	0.6681	-	0.0525
38	Calstock NDA	Enbridge EDA	-	0.6988	-	0.0552
39	Calstock NDA	KPUC EDA	-	0.7784	-	0.0624
40	Calstock NDA	GMIT EDA	-	0.8311	-	0.0672
41	Calstock NDA	Enbridge SWDA	-	0.8033	-	0.0647
42	Calstock NDA	Union SWDA	-	0.8054	-	0.0648
43	Calstock NDA	Chippawa	-	0.7486	-	0.0597
44	Calstock NDA	Cornwall	-	0.7305	-	0.0581
45	Calstock NDA	East Hereford	-	0.9426	-	0.0772
46	Calstock NDA	Emerson 1	-	0.7175	-	0.0617
47	Calstock NDA	Emerson 2	-	0.7175	-	0.0617
48	Calstock NDA	Iroquois	-	0.7107	-	0.0563
49	Calstock NDA	Kirkwall	-	0.6909	-	0.0545
50	Calstock NDA	Napierville	-	0.8220	-	0.0663
51	Calstock NDA	Niagara Falls	-	0.7472	-	0.0596
52	Calstock NDA	North Bay Junction	-	0.4228	-	0.0331
53	Calstock NDA	Philipsburg	-	0.8324	-	0.0673
54	Calstock NDA	Spruce	-	0.6388	-	0.0541
55	Calstock NDA	St. Clair	-	0.7613	-	0.0659
56	Calstock NDA	Welwyn	-	0.8555	-	0.0751
57	Calstock NDA	Dawn Export	-	0.8033	-	0.0647
58	Centram MDA	Empress	-	0.5817	-	0.0485
59	Centram MDA	TransGas SSDA	-	0.3410	-	0.0252
60	Centram MDA	Centram SSDA	-	0.2424	-	0.0157
61	Centram MDA	Centram MDA	-	0.0927	-	0.0012
62	Centram MDA	Centrat MDA	-	0.1612	-	0.0078
63	Centram MDA	Union WDA	-	0.4412	-	0.0349
64	Centram MDA	Nipigon WDA	-	0.5238	-	0.0429
65	Centram MDA	Union NDA	-	0.9409	-	0.0833
66	Centram MDA	Calstock NDA	-	0.7072	-	0.0607
67	Centram MDA	Tunis NDA	-	0.8517	-	0.0747
68	Centram MDA	GMIT NDA	-	0.9706	-	0.0862
69	Centram MDA	Union SSMDA	-	0.8074	-	0.0704
70	Centram MDA	Union NCDA	-	1.2183	-	0.1021
71	Centram MDA	Union CDA	-	1.2637	-	0.1062
72	Centram MDA	Union ECDA	-	1.2738	-	0.1071
73	Centram MDA	Union EDA	-	1.3981	-	0.1183
74	Centram MDA	Union Parkway Belt	-	1.2669	-	0.1065
75	Centram MDA	Enbridge CDA	-	1.3023	-	0.1097
76	Centram MDA	Enbridge Parkway CDA	-	1.2669	-	0.1065
77	Centram MDA	Enbridge EDA	-	1.3580	-	0.1147

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	KPUC EDA	-	1.4370	-	0.1218
2	Centram MDA	GMIT EDA	-	1.4908	-	0.1267
3	Centram MDA	Enbridge SWDA	-	1.1318	-	0.0943
4	Centram MDA	Union SWDA	-	1.1296	-	0.0941
5	Centram MDA	Chippawa	-	1.3119	-	0.1105
6	Centram MDA	Cornwall	-	1.3903	-	0.1176
7	Centram MDA	East Hereford	-	1.6024	-	0.1367
8	Centram MDA	Emerson 1	-	0.1720	-	0.0088
9	Centram MDA	Emerson 2	-	0.1720	-	0.0088
10	Centram MDA	Iroquois	-	1.3705	-	0.1158
11	Centram MDA	Kirkwall	-	1.2442	-	0.1044
12	Centram MDA	Napierville	-	1.4818	-	0.1259
13	Centram MDA	Niagara Falls	-	1.3105	-	0.1104
14	Centram MDA	North Bay Junction	-	1.0373	-	0.0927
15	Centram MDA	Philipsburg	-	1.4922	-	0.1268
16	Centram MDA	Spruce	-	0.1612	-	0.0078
17	Centram MDA	St. Clair	-	1.0408	-	0.0930
18	Centram MDA	Welwyn	-	0.2424	-	0.0157
19	Centram MDA	Dawn Export	-	1.1318	-	0.0943
20	Centram SSDA	Empress	-	0.4320	-	0.0340
21	Centram SSDA	TransGas SSDA	-	0.1913	-	0.0107
22	Centram SSDA	Centram SSDA	-	0.0927	-	0.0012
23	Centram SSDA	Centram MDA	-	0.2424	-	0.0157
24	Centram SSDA	Centrat MDA	-	0.3094	-	0.0222
25	Centram SSDA	Union WDA	-	0.5895	-	0.0493
26	Centram SSDA	Nipigon WDA	-	0.6720	-	0.0573
27	Centram SSDA	Union NDA	-	1.0893	-	0.0977
28	Centram SSDA	Calstock NDA	-	0.8555	-	0.0751
29	Centram SSDA	Tunis NDA	-	0.9999	-	0.0890
30	Centram SSDA	GMIT NDA	-	1.1188	-	0.1006
31	Centram SSDA	Union SSMDA	-	0.9565	-	0.0848
32	Centram SSDA	Union NCDA	-	1.3775	-	0.1165
33	Centram SSDA	Union CDA	-	1.4238	-	0.1206
34	Centram SSDA	Union ECDA	-	1.4339	-	0.1215
35	Centram SSDA	Union EDA	-	1.5582	-	0.1328
36	Centram SSDA	Union Parkway Belt	-	1.4271	-	0.1209
37	Centram SSDA	Enbridge CDA	-	1.4627	-	0.1241
38	Centram SSDA	Enbridge Parkway CDA	-	1.4271	-	0.1209
39	Centram SSDA	Enbridge EDA	-	1.5174	-	0.1291
40	Centram SSDA	KPUC EDA	-	1.5974	-	0.1363
41	Centram SSDA	GMIT EDA	-	1.6501	-	0.1410
42	Centram SSDA	Enbridge SWDA	-	1.2919	-	0.1087
43	Centram SSDA	Union SWDA	-	1.2898	-	0.1085
44	Centram SSDA	Chippawa	-	1.4721	-	0.1250
45	Centram SSDA	Cornwall	-	1.5495	-	0.1320
46	Centram SSDA	East Hereford	-	1.7616	-	0.1511
47	Centram SSDA	Emerson 1	-	0.3211	-	0.0233
48	Centram SSDA	Emerson 2	-	0.3211	-	0.0233
49	Centram SSDA	Iroquois	-	1.5297	-	0.1302
50	Centram SSDA	Kirkwall	-	1.4043	-	0.1189
51	Centram SSDA	Napierville	-	1.6410	-	0.1402
52	Centram SSDA	Niagara Falls	-	1.4707	-	0.1249
53	Centram SSDA	North Bay Junction	-	1.1856	-	0.1070
54	Centram SSDA	Philipsburg	-	1.6514	-	0.1412
55	Centram SSDA	Spruce	-	0.3094	-	0.0222
56	Centram SSDA	St. Clair	-	1.1900	-	0.1075
57	Centram SSDA	Welwyn	-	0.0927	-	0.0012
58	Centram SSDA	Dawn Export	-	1.2919	-	0.1087
59	Centrat MDA	Empress	-	0.6487	-	0.0550
60	Centrat MDA	TransGas SSDA	-	0.4080	-	0.0317
61	Centrat MDA	Centram SSDA	-	0.3094	-	0.0222
62	Centrat MDA	Centram MDA	-	0.1612	-	0.0078
63	Centrat MDA	Centrat MDA	-	0.0927	-	0.0012
64	Centrat MDA	Union WDA	-	0.3728	-	0.0283
65	Centrat MDA	Nipigon WDA	-	0.4553	-	0.0363
66	Centrat MDA	Union NDA	-	0.8727	-	0.0767
67	Centrat MDA	Calstock NDA	-	0.6388	-	0.0541
68	Centrat MDA	Tunis NDA	-	0.7832	-	0.0681
69	Centrat MDA	GMIT NDA	-	0.9021	-	0.0796
70	Centrat MDA	Union SSMDA	-	0.8068	-	0.0703
71	Centrat MDA	Union NCDA	-	1.1448	-	0.0955
72	Centrat MDA	Union CDA	-	1.2631	-	0.1061
73	Centrat MDA	Union ECDA	-	1.2613	-	0.1060
74	Centrat MDA	Union EDA	-	1.3276	-	0.1120
75	Centrat MDA	Union Parkway Belt	-	1.2545	-	0.1054
76	Centrat MDA	Enbridge CDA	-	1.2462	-	0.1046
77	Centrat MDA	Enbridge Parkway CDA	-	1.2545	-	0.1054

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	Enbridge EDA	-	1.2851	-	0.1081
2	Centrat MDA	KPUC EDA	-	1.3647	-	0.1153
3	Centrat MDA	GMIT EDA	-	1.4174	-	0.1201
4	Centrat MDA	Enbridge SWDA	-	1.1312	-	0.0942
5	Centrat MDA	Union SWDA	-	1.1291	-	0.0940
6	Centrat MDA	Chippawa	-	1.3113	-	0.1105
7	Centrat MDA	Cornwall	-	1.3168	-	0.1110
8	Centrat MDA	East Hereford	-	1.5289	-	0.1301
9	Centrat MDA	Emerson 1	-	0.1715	-	0.0088
10	Centrat MDA	Emerson 2	-	0.1715	-	0.0088
11	Centrat MDA	Iroquois	-	1.2970	-	0.1092
12	Centrat MDA	Kirkwall	-	1.2436	-	0.1044
13	Centrat MDA	Napierville	-	1.4083	-	0.1192
14	Centrat MDA	Niagara Falls	-	1.3099	-	0.1104
15	Centrat MDA	North Bay Junction	-	0.9689	-	0.0860
16	Centrat MDA	Philipsburg	-	1.4187	-	0.1202
17	Centrat MDA	Spruce	-	0.0927	-	0.0012
18	Centrat MDA	St. Clair	-	1.0403	-	0.0930
19	Centrat MDA	Welwyn	-	0.3094	-	0.0222
20	Centrat MDA	Dawn Export	-	1.1312	-	0.0942
21	Chippawa	Empress	74.54182	2.4507	4.81416	0.1578
22	Chippawa	TransGas SSDA	64.05233	2.1058	4.10315	0.1345
23	Chippawa	Centram SSDA	59.75506	1.9646	3.81187	0.1250
24	Chippawa	Centram MDA	53.25411	1.7508	3.37124	0.1105
25	Chippawa	Centrat MDA	53.23038	1.7500	3.36963	0.1105
26	Chippawa	Union WDA	42.98483	1.4132	2.67514	0.0877
27	Chippawa	Nipigon WDA	38.38492	1.2620	2.36336	0.0775
28	Chippawa	Union NDA	20.19363	0.6639	1.13030	0.0371
29	Chippawa	Calstock NDA	30.38808	0.9991	1.82130	0.0597
30	Chippawa	Tunis NDA	24.09183	0.7921	1.39454	0.0457
31	Chippawa	GMIT NDA	19.41313	0.6382	1.07742	0.0353
32	Chippawa	Union SSMDA	26.06769	0.8570	1.52848	0.0501
33	Chippawa	Union NCDA	11.75878	0.3866	0.55858	0.0183
34	Chippawa	Union CDA	5.99938	0.1972	0.16820	0.0055
35	Chippawa	Union ECDA	7.03020	0.2311	0.23806	0.0078
36	Chippawa	Union EDA	15.10826	0.4967	0.78561	0.0258
37	Chippawa	Union Parkway Belt	7.30852	0.2403	0.25694	0.0084
38	Chippawa	Enbridge CDA	8.38435	0.2757	0.32986	0.0108
39	Chippawa	Enbridge Parkway CDA	7.30852	0.2403	0.25694	0.0084
40	Chippawa	Enbridge EDA	18.43098	0.6060	1.01084	0.0331
41	Chippawa	KPUC EDA	14.65688	0.4819	0.75501	0.0248
42	Chippawa	GMIT EDA	22.74072	0.7476	1.30297	0.0427
43	Chippawa	Enbridge SWDA	11.35454	0.3733	0.53119	0.0174
44	Chippawa	Union SWDA	11.44153	0.3762	0.53709	0.0176
45	Chippawa	Chippawa	4.04238	0.1329	0.03553	0.0012
46	Chippawa	Cornwall	18.65515	0.6133	1.02602	0.0336
47	Chippawa	East Hereford	27.26763	0.8965	1.60981	0.0528
48	Chippawa	Emerson 1	49.79969	1.6373	3.13706	0.1029
49	Chippawa	Emerson 2	49.79969	1.6373	3.13706	0.1029
50	Chippawa	Iroquois	17.63102	0.5797	0.95660	0.0314
51	Chippawa	Kirkwall	6.79326	0.2233	0.22199	0.0073
52	Chippawa	Napierville	22.36963	0.7354	1.27782	0.0419
53	Chippawa	Niagara Falls	4.97708	0.1636	0.09891	0.0032
54	Chippawa	North Bay Junction	16.00069	0.5261	0.84609	0.0277
55	Chippawa	Philipsburg	22.79182	0.7493	1.30643	0.0428
56	Chippawa	Spruce	53.23038	1.7500	3.36963	0.1105
57	Chippawa	St. Clair	11.93094	0.3923	0.57025	0.0187
58	Chippawa	Welwyn	59.75506	1.9646	3.81187	0.1250
59	Chippawa	Dawn Export	11.35454	0.3733	0.53119	0.0174
60	Cornwall	Empress	77.68356	2.5540	5.02710	0.1648
61	Cornwall	TransGas SSDA	67.19407	2.2091	4.31610	0.1415
62	Cornwall	Centram SSDA	62.89650	2.0678	4.02481	0.1320
63	Cornwall	Centram MDA	56.43387	1.8554	3.58677	0.1176
64	Cornwall	Centrat MDA	53.45121	1.7573	3.38460	0.1110
65	Cornwall	Union WDA	42.24693	1.3889	2.62516	0.0861
66	Cornwall	Nipigon WDA	37.64793	1.2377	2.31341	0.0759
67	Cornwall	Union NDA	19.47488	0.6403	1.08161	0.0355
68	Cornwall	Calstock NDA	29.65138	0.9748	1.77137	0.0581
69	Cornwall	Tunis NDA	23.35513	0.7678	1.34459	0.0441
70	Cornwall	GMIT NDA	18.67644	0.6140	1.02746	0.0337
71	Cornwall	Union SSMDA	35.58720	1.1700	2.17371	0.0713
72	Cornwall	Union NCDA	17.28944	0.5684	0.93346	0.0306
73	Cornwall	Union CDA	16.86391	0.5544	0.90461	0.0297
74	Cornwall	Union ECDA	15.66671	0.5151	0.82347	0.0270
75	Cornwall	Union EDA	7.62972	0.2508	0.27871	0.0091
76	Cornwall	Union Parkway Belt	15.38840	0.5059	0.80461	0.0264
77	Cornwall	Enbridge CDA	14.67300	0.4824	0.75610	0.0248

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	Cornwall	Enbridge Parkway CDA	15.38840	0.5059	0.80461	0.0264
2	Cornwall	Enbridge EDA	7.08100	0.2328	0.24152	0.0079
3	Cornwall	KPUC EDA	8.04065	0.2644	0.30654	0.0101
4	Cornwall	GMIT EDA	8.12855	0.2672	0.31252	0.0103
5	Cornwall	Enbridge SWDA	20.87405	0.6863	1.17644	0.0386
6	Cornwall	Union SWDA	20.96104	0.6891	1.18234	0.0388
7	Cornwall	Chippawa	18.65515	0.6133	1.02602	0.0336
8	Cornwall	Cornwall	4.04238	0.1329	0.03553	0.0012
9	Cornwall	East Hereford	12.65485	0.4161	0.61932	0.0203
10	Cornwall	Emerson 1	56.88251	1.8701	3.61717	0.1186
11	Cornwall	Emerson 2	56.88251	1.8701	3.61717	0.1186
12	Cornwall	Iroquois	5.29007	0.1739	0.12011	0.0039
13	Cornwall	Kirkwall	16.31215	0.5363	0.86723	0.0284
14	Cornwall	Napierville	7.75686	0.2550	0.28733	0.0094
15	Cornwall	Niagara Falls	18.59736	0.6114	1.02210	0.0335
16	Cornwall	North Bay Junction	15.26339	0.5018	0.79613	0.0261
17	Cornwall	Philipsburg	8.17904	0.2689	0.31594	0.0104
18	Cornwall	Spruce	53.45121	1.7573	3.38460	0.1110
19	Cornwall	St. Clair	21.45044	0.7052	1.21549	0.0399
20	Cornwall	Welwyn	62.89650	2.0678	4.02481	0.1320
21	Cornwall	Dawn Export	20.87405	0.6863	1.17644	0.0386
22	East Hereford	Empress	86.29604	2.8371	5.61088	0.1840
23	East Hereford	TransGas SSDA	75.80624	2.4923	4.89987	0.1607
24	East Hereford	Centram SSDA	71.50958	2.3510	4.60861	0.1511
25	East Hereford	Centram MDA	65.04695	2.1385	4.17059	0.1367
26	East Hereford	Centrat MDA	62.06399	2.0405	3.96838	0.1301
27	East Hereford	Union WDA	50.86032	1.6721	3.20896	0.1052
28	East Hereford	Nipigon WDA	46.26040	1.5209	2.89719	0.0950
29	East Hereford	Union NDA	28.08705	0.9234	1.66536	0.0546
30	East Hereford	Calstock NDA	38.26386	1.2580	2.35515	0.0772
31	East Hereford	Tunis NDA	31.96761	1.0510	1.92839	0.0632
32	East Hereford	GMIT NDA	27.28892	0.8972	1.61125	0.0528
33	East Hereford	Union SSMDA	44.19998	1.4532	2.75751	0.0904
34	East Hereford	Union NCDA	25.90223	0.8516	1.51726	0.0498
35	East Hereford	Union CDA	25.47670	0.8376	1.48840	0.0488
36	East Hereford	Union ECDA	24.27950	0.7982	1.40727	0.0461
37	East Hereford	Union EDA	16.24280	0.5340	0.86253	0.0283
38	East Hereford	Union Parkway Belt	24.00088	0.7891	1.38839	0.0455
39	East Hereford	Enbridge CDA	23.28609	0.7656	1.33991	0.0439
40	East Hereford	Enbridge Parkway CDA	24.00088	0.7891	1.38839	0.0455
41	East Hereford	Enbridge EDA	15.66337	0.5150	0.82326	0.0270
42	East Hereford	KPUC EDA	16.65313	0.5475	0.89032	0.0292
43	East Hereford	GMIT EDA	11.28702	0.3711	0.52660	0.0173
44	East Hereford	Enbridge SWDA	29.48683	0.9694	1.76022	0.0577
45	East Hereford	Union SWDA	29.57382	0.9723	1.76612	0.0579
46	East Hereford	Chippawa	27.26763	0.8965	1.60981	0.0528
47	East Hereford	Cornwall	12.65485	0.4161	0.61932	0.0203
48	East Hereford	East Hereford	4.04238	0.1329	0.03553	0.0012
49	East Hereford	Emerson 1	65.49530	2.1533	4.20096	0.1377
50	East Hereford	Emerson 2	65.49530	2.1533	4.20096	0.1377
51	East Hereford	Iroquois	13.90255	0.4571	0.70390	0.0231
52	East Hereford	Kirkwall	24.92494	0.8195	1.45101	0.0476
53	East Hereford	Napierville	13.44782	0.4421	0.67305	0.0221
54	East Hereford	Niagara Falls	27.21014	0.8946	1.60589	0.0527
55	East Hereford	North Bay Junction	23.87648	0.7850	1.37994	0.0452
56	East Hereford	Philipsburg	13.86970	0.4560	0.70167	0.0230
57	East Hereford	Spruce	62.06399	2.0405	3.96838	0.1301
58	East Hereford	St. Clair	30.06323	0.9884	1.79928	0.0590
59	East Hereford	Welwyn	71.50958	2.3510	4.60861	0.1511
60	East Hereford	Dawn Export	29.48683	0.9694	1.76022	0.0577
61	Emerson 1	Empress	20.08686	0.6604	1.71263	0.0562
62	Emerson 1	TransGas SSDA	12.76709	0.4197	1.00165	0.0328
63	Emerson 1	Centram SSDA	9.76801	0.3211	0.71034	0.0233
64	Emerson 1	Centram MDA	5.23197	0.1720	0.26971	0.0088
65	Emerson 1	Centrat MDA	5.21524	0.1715	0.26810	0.0088
66	Emerson 1	Union WDA	13.73495	0.4516	1.09564	0.0359
67	Emerson 1	Nipigon WDA	16.24311	0.5340	1.33929	0.0439
68	Emerson 1	Union NDA	28.93781	0.9514	2.57232	0.0843
69	Emerson 1	Calstock NDA	21.82396	0.7175	1.88133	0.0617
70	Emerson 1	Tunis NDA	26.21765	0.8620	2.30812	0.0757
71	Emerson 1	GMIT NDA	29.83358	0.9808	2.65933	0.0872
72	Emerson 1	Union SSMDA	22.14668	0.7281	1.91267	0.0627
73	Emerson 1	Union NCDA	37.38999	1.2293	3.14381	0.1031
74	Emerson 1	Union CDA	35.84878	1.1786	3.00439	0.0985
75	Emerson 1	Union ECDA	36.15477	1.1887	3.03209	0.0994
76	Emerson 1	Union EDA	41.25990	1.3565	3.49388	0.1146
77	Emerson 1	Union Parkway Belt	35.94642	1.1818	3.01323	0.0988

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	Emerson 1	Enbridge CDA	37.26346	1.2251	3.13237	0.1027
2	Emerson 1	Enbridge Parkway CDA	35.94642	1.1818	3.01323	0.0988
3	Emerson 1	Enbridge EDA	41.36758	1.3600	3.50363	0.1149
4	Emerson 1	KPUC EDA	41.45275	1.3628	3.51130	0.1151
5	Emerson 1	GMIT EDA	45.68553	1.5020	3.89422	0.1277
6	Emerson 1	Enbridge SWDA	31.83591	1.0467	2.64140	0.0866
7	Emerson 1	Union SWDA	31.77082	1.0445	2.63550	0.0864
8	Emerson 1	Chippawa	37.31547	1.2268	3.13706	0.1029
9	Emerson 1	Cornwall	42.62288	1.4013	3.61717	0.1186
10	Emerson 1	East Hereford	49.07668	1.6135	4.20096	0.1377
11	Emerson 1	Emerson 1	2.82084	0.0927	0.03553	0.0012
12	Emerson 1	Emerson 2	2.82084	0.0927	0.03553	0.0012
13	Emerson 1	Iroquois	42.02063	1.3815	3.56269	0.1168
14	Emerson 1	Kirkwall	35.25413	1.1590	2.95061	0.0967
15	Emerson 1	Napierville	45.40630	1.4928	3.86897	0.1269
16	Emerson 1	Niagara Falls	37.27198	1.2254	3.13314	0.1027
17	Emerson 1	North Bay Junction	31.86420	1.0476	2.85657	0.0937
18	Emerson 1	Philipsburg	45.72264	1.5032	3.89758	0.1278
19	Emerson 1	Spruce	5.21524	0.1715	0.26810	0.0088
20	Emerson 1	St. Clair	29.24684	0.9615	2.60234	0.0853
21	Emerson 1	Welwyn	9.76801	0.3211	0.71034	0.0233
22	Emerson 1	Dawn Export	31.83591	1.0467	2.64140	0.0866
23	Emerson 2	Empress	20.08686	0.6604	1.71263	0.0562
24	Emerson 2	TransGas SSDA	12.76709	0.4197	1.00165	0.0328
25	Emerson 2	Centram SSDA	9.76801	0.3211	0.71034	0.0233
26	Emerson 2	Centram MDA	5.23197	0.1720	0.26971	0.0088
27	Emerson 2	Centrat MDA	5.21524	0.1715	0.26810	0.0088
28	Emerson 2	Union WDA	13.73495	0.4516	1.09564	0.0359
29	Emerson 2	Nipigon WDA	16.24311	0.5340	1.33929	0.0439
30	Emerson 2	Union NDA	28.93781	0.9514	2.57232	0.0843
31	Emerson 2	Calstock NDA	21.82396	0.7175	1.88133	0.0617
32	Emerson 2	Tunis NDA	26.21765	0.8620	2.30812	0.0757
33	Emerson 2	GMIT NDA	29.83358	0.9808	2.65933	0.0872
34	Emerson 2	Union SSMDA	22.14668	0.7281	1.91267	0.0627
35	Emerson 2	Union NCDA	37.38999	1.2293	3.14381	0.1031
36	Emerson 2	Union CDA	35.84878	1.1786	3.00439	0.0985
37	Emerson 2	Union ECDA	36.15477	1.1887	3.03209	0.0994
38	Emerson 2	Union EDA	41.25990	1.3565	3.49388	0.1146
39	Emerson 2	Union Parkway Belt	35.94642	1.1818	3.01323	0.0988
40	Emerson 2	Enbridge CDA	37.26346	1.2251	3.13237	0.1027
41	Emerson 2	Enbridge Parkway CDA	35.94642	1.1818	3.01323	0.0988
42	Emerson 2	Enbridge EDA	41.36758	1.3600	3.50363	0.1149
43	Emerson 2	KPUC EDA	41.45275	1.3628	3.51130	0.1151
44	Emerson 2	GMIT EDA	45.68553	1.5020	3.89422	0.1277
45	Emerson 2	Enbridge SWDA	31.83591	1.0467	2.64140	0.0866
46	Emerson 2	Union SWDA	31.77082	1.0445	2.63550	0.0864
47	Emerson 2	Chippawa	37.31547	1.2268	3.13706	0.1029
48	Emerson 2	Cornwall	42.62288	1.4013	3.61717	0.1186
49	Emerson 2	East Hereford	49.07668	1.6135	4.20096	0.1377
50	Emerson 2	Emerson 1	2.82084	0.0927	0.03553	0.0012
51	Emerson 2	Emerson 2	2.82084	0.0927	0.03553	0.0012
52	Emerson 2	Iroquois	42.02063	1.3815	3.56269	0.1168
53	Emerson 2	Kirkwall	35.25413	1.1590	2.95061	0.0967
54	Emerson 2	Napierville	45.40630	1.4928	3.86897	0.1269
55	Emerson 2	Niagara Falls	37.27198	1.2254	3.13314	0.1027
56	Emerson 2	North Bay Junction	31.86420	1.0476	2.85657	0.0937
57	Emerson 2	Philipsburg	45.72264	1.5032	3.89758	0.1278
58	Emerson 2	Spruce	5.21524	0.1715	0.26810	0.0088
59	Emerson 2	St. Clair	29.24684	0.9615	2.60234	0.0853
60	Emerson 2	Welwyn	9.76801	0.3211	0.71034	0.0233
61	Emerson 2	Dawn Export	31.83591	1.0467	2.64140	0.0866
62	Enbridge Parkway CDA	Empress	-	2.3906	-	0.1538
63	Enbridge Parkway CDA	TransGas SSDA	-	2.0458	-	0.1305
64	Enbridge Parkway CDA	Centram SSDA	-	1.9045	-	0.1209
65	Enbridge Parkway CDA	Centram MDA	-	1.6908	-	0.1065
66	Enbridge Parkway CDA	Centrat MDA	-	1.6741	-	0.1054
67	Enbridge Parkway CDA	Union WDA	-	1.3058	-	0.0805
68	Enbridge Parkway CDA	Nipigon WDA	-	1.1546	-	0.0702
69	Enbridge Parkway CDA	Union NDA	-	0.5565	-	0.0298
70	Enbridge Parkway CDA	Calstock NDA	-	0.8917	-	0.0525
71	Enbridge Parkway CDA	Tunis NDA	-	0.6847	-	0.0385
72	Enbridge Parkway CDA	GMIT NDA	-	0.5308	-	0.0281
73	Enbridge Parkway CDA	Union SSMDA	-	0.7970	-	0.0461
74	Enbridge Parkway CDA	Union NCDA	-	0.2792	-	0.0111
75	Enbridge Parkway CDA	Union CDA	-	0.1814	-	0.0044
76	Enbridge Parkway CDA	Union ECDA	-	0.1421	-	0.0018
77	Enbridge Parkway CDA	Union EDA	-	0.3893	-	0.0185



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 Parkway CDA	Union Parkway Belt	-	0.1329	-	0.0012
2	Enbridge Parkway CDA	Enbridge CDA	-	0.1991	-	0.0056
3	Enbridge Parkway CDA	Enbridge Parkway CDA	-	0.1329	-	0.0012
4	Enbridge Parkway CDA	Enbridge EDA	-	0.4986	-	0.0259
5	Enbridge Parkway CDA	KPUC EDA	-	0.3745	-	0.0175
6	Enbridge Parkway CDA	GMIT EDA	-	0.6403	-	0.0355
7	Enbridge Parkway CDA	Enbridge SWDA	-	0.3133	-	0.0134
8	Enbridge Parkway CDA	Union SWDA	-	0.3161	-	0.0136
9	Enbridge Parkway CDA	Chippawa	-	0.2403	-	0.0084
10	Enbridge Parkway CDA	Cornwall	-	0.5059	-	0.0264
11	Enbridge Parkway CDA	East Hereford	-	0.7891	-	0.0455
12	Enbridge Parkway CDA	Emerson 1	-	1.5772	-	0.0988
13	Enbridge Parkway CDA	Emerson 2	-	1.5772	-	0.0988
14	Enbridge Parkway CDA	Iroquois	-	0.4723	-	0.0241
15	Enbridge Parkway CDA	Kirkwall	-	0.1633	-	0.0032
16	Enbridge Parkway CDA	Napierville	-	0.6281	-	0.0346
17	Enbridge Parkway CDA	Niagara Falls	-	0.2384	-	0.0083
18	Enbridge Parkway CDA	North Bay Junction	-	0.4187	-	0.0205
19	Enbridge Parkway CDA	Philipsburg	-	0.6419	-	0.0356
20	Enbridge Parkway CDA	Spruce	-	1.6741	-	0.1054
21	Enbridge Parkway CDA	St. Clair	-	0.3322	-	0.0146
22	Enbridge Parkway CDA	Welwyn	-	1.9045	-	0.1209
23	Enbridge Parkway CDA	Dawn Export	-	0.3133	-	0.0134
24	Enbridge CDA	Empress	-	2.4382	-	0.1570
25	Enbridge CDA	TransGas SSDA	-	2.0933	-	0.1337
26	Enbridge CDA	Centram SSDA	-	1.9521	-	0.1241
27	Enbridge CDA	Centram MDA	-	1.7380	-	0.1097
28	Enbridge CDA	Centrat MDA	-	1.6632	-	0.1046
29	Enbridge CDA	Union WDA	-	1.3004	-	0.0801
30	Enbridge CDA	Nipigon WDA	-	1.1491	-	0.0699
31	Enbridge CDA	Union NDA	-	0.5509	-	0.0294
32	Enbridge CDA	Calstock NDA	-	0.8862	-	0.0521
33	Enbridge CDA	Tunis NDA	-	0.6792	-	0.0381
34	Enbridge CDA	GMIT NDA	-	0.5254	-	0.0277
35	Enbridge CDA	Union SSMDA	-	0.8547	-	0.0500
36	Enbridge CDA	Union NCDA	-	0.2737	-	0.0107
37	Enbridge CDA	Union CDA	-	0.2313	-	0.0078
38	Enbridge CDA	Union ECDA	-	0.2050	-	0.0060
39	Enbridge CDA	Union EDA	-	0.3656	-	0.0169
40	Enbridge CDA	Union Parkway Belt	-	0.1991	-	0.0056
41	Enbridge CDA	Enbridge CDA	-	0.1329	-	0.0012
42	Enbridge CDA	Enbridge Parkway CDA	-	0.1991	-	0.0056
43	Enbridge CDA	Enbridge EDA	-	0.4749	-	0.0243
44	Enbridge CDA	KPUC EDA	-	0.3510	-	0.0159
45	Enbridge CDA	GMIT EDA	-	0.6165	-	0.0339
46	Enbridge CDA	Enbridge SWDA	-	0.3710	-	0.0173
47	Enbridge CDA	Union SWDA	-	0.3739	-	0.0175
48	Enbridge CDA	Chippawa	-	0.2757	-	0.0108
49	Enbridge CDA	Cornwall	-	0.4824	-	0.0248
50	Enbridge CDA	East Hereford	-	0.7656	-	0.0439
51	Enbridge CDA	Emerson 1	-	1.6350	-	0.1027
52	Enbridge CDA	Emerson 2	-	1.6350	-	0.1027
53	Enbridge CDA	Iroquois	-	0.4487	-	0.0225
54	Enbridge CDA	Kirkwall	-	0.2212	-	0.0071
55	Enbridge CDA	Napierville	-	0.6046	-	0.0331
56	Enbridge CDA	Niagara Falls	-	0.2731	-	0.0106
57	Enbridge CDA	North Bay Junction	-	0.4133	-	0.0201
58	Enbridge CDA	Philipsburg	-	0.6184	-	0.0340
59	Enbridge CDA	Spruce	-	1.6632	-	0.1046
60	Enbridge CDA	St. Clair	-	0.3901	-	0.0186
61	Enbridge CDA	Welwyn	-	1.9521	-	0.1241
62	Enbridge CDA	Dawn Export	-	0.3711	-	0.0173
63	Enbridge EDA	Empress	-	2.5112	-	0.1619
64	Enbridge EDA	TransGas SSDA	-	2.1663	-	0.1386
65	Enbridge EDA	Centram SSDA	-	2.0250	-	0.1291
66	Enbridge EDA	Centram MDA	-	1.8123	-	0.1147
67	Enbridge EDA	Centrat MDA	-	1.7151	-	0.1081
68	Enbridge EDA	Union WDA	-	1.3467	-	0.0832
69	Enbridge EDA	Nipigon WDA	-	1.1956	-	0.0730
70	Enbridge EDA	Union NDA	-	0.5979	-	0.0326
71	Enbridge EDA	Calstock NDA	-	0.9326	-	0.0552
72	Enbridge EDA	Tunis NDA	-	0.7256	-	0.0412
73	Enbridge EDA	GMIT NDA	-	0.5718	-	0.0308
74	Enbridge EDA	Union SSMDA	-	1.1626	-	0.0708
75	Enbridge EDA	Union NCDA	-	0.5343	-	0.0283
76	Enbridge EDA	Union CDA	-	0.5471	-	0.0292
77	Enbridge EDA	Union ECDA	-	0.5077	-	0.0265

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 EDA	Union EDA	-	0.2733	-	0.0107
2	Enbridge EDA	Union Parkway Belt	-	0.4986	-	0.0259
3	Enbridge EDA	Enbridge CDA	-	0.4749	-	0.0243
4	Enbridge EDA	Enbridge Parkway CDA	-	0.4986	-	0.0259
5	Enbridge EDA	Enbridge EDA	-	0.1329	-	0.0012
6	Enbridge EDA	KPUC EDA	-	0.2802	-	0.0111
7	Enbridge EDA	GMIT EDA	-	0.3660	-	0.0169
8	Enbridge EDA	Enbridge SWDA	-	0.6789	-	0.0381
9	Enbridge EDA	Union SWDA	-	0.6818	-	0.0383
10	Enbridge EDA	Chippawa	-	0.6060	-	0.0331
11	Enbridge EDA	Cornwall	-	0.2328	-	0.0079
12	Enbridge EDA	East Hereford	-	0.5150	-	0.0270
13	Enbridge EDA	Emerson 1	-	1.8150	-	0.1149
14	Enbridge EDA	Emerson 2	-	1.8150	-	0.1149
15	Enbridge EDA	Iroquois	-	0.2113	-	0.0065
16	Enbridge EDA	Kirkwall	-	0.5290	-	0.0279
17	Enbridge EDA	Napierville	-	0.3540	-	0.0161
18	Enbridge EDA	Niagara Falls	-	0.6041	-	0.0330
19	Enbridge EDA	North Bay Junction	-	0.4596	-	0.0233
20	Enbridge EDA	Philipsburg	-	0.3678	-	0.0171
21	Enbridge EDA	Spruce	-	1.7151	-	0.1081
22	Enbridge EDA	St. Clair	-	0.6979	-	0.0394
23	Enbridge EDA	Welwyn	-	2.0250	-	0.1291
24	Enbridge EDA	Dawn Export	-	0.6789	-	0.0381
25	GMIT EDA	Empress	-	2.6883	-	0.1739
26	GMIT EDA	TransGas SSDA	-	2.3434	-	0.1506
27	GMIT EDA	Centram SSDA	-	2.2022	-	0.1410
28	GMIT EDA	Centram MDA	-	1.9896	-	0.1267
29	GMIT EDA	Centrat MDA	-	1.8916	-	0.1201
30	GMIT EDA	Union WDA	-	1.5233	-	0.0952
31	GMIT EDA	Nipigon WDA	-	1.3721	-	0.0849
32	GMIT EDA	Union NDA	-	0.7742	-	0.0445
33	GMIT EDA	Calstock NDA	-	1.1092	-	0.0672
34	GMIT EDA	Tunis NDA	-	0.9022	-	0.0532
35	GMIT EDA	GMIT NDA	-	0.7483	-	0.0428
36	GMIT EDA	Union SSMDA	-	1.3043	-	0.0804
37	GMIT EDA	Union NCDA	-	0.7027	-	0.0397
38	GMIT EDA	Union CDA	-	0.6888	-	0.0387
39	GMIT EDA	Union ECDA	-	0.6494	-	0.0361
40	GMIT EDA	Union EDA	-	0.3848	-	0.0182
41	GMIT EDA	Union Parkway Belt	-	0.6403	-	0.0355
42	GMIT EDA	Enbridge CDA	-	0.6165	-	0.0339
43	GMIT EDA	Enbridge Parkway CDA	-	0.6403	-	0.0355
44	GMIT EDA	Enbridge EDA	-	0.3660	-	0.0169
45	GMIT EDA	KPUC EDA	-	0.3987	-	0.0191
46	GMIT EDA	GMIT EDA	-	0.1329	-	0.0012
47	GMIT EDA	Enbridge SWDA	-	0.8206	-	0.0477
48	GMIT EDA	Union SWDA	-	0.8235	-	0.0479
49	GMIT EDA	Chippawa	-	0.7476	-	0.0427
50	GMIT EDA	Cornwall	-	0.2672	-	0.0103
51	GMIT EDA	East Hereford	-	0.3711	-	0.0173
52	GMIT EDA	Emerson 1	-	2.0045	-	0.1277
53	GMIT EDA	Emerson 2	-	2.0045	-	0.1277
54	GMIT EDA	Iroquois	-	0.3083	-	0.0130
55	GMIT EDA	Kirkwall	-	0.6706	-	0.0375
56	GMIT EDA	Napierville	-	0.2763	-	0.0109
57	GMIT EDA	Niagara Falls	-	0.7458	-	0.0426
58	GMIT EDA	North Bay Junction	-	0.6362	-	0.0352
59	GMIT EDA	Philipsburg	-	0.2881	-	0.0117
60	GMIT EDA	Spruce	-	1.8916	-	0.1201
61	GMIT EDA	St. Clair	-	0.8396	-	0.0489
62	GMIT EDA	Welwyn	-	2.2022	-	0.1410
63	GMIT EDA	Dawn Export	-	0.8206	-	0.0477
64	GMIT NDA	Empress	-	1.4581	-	0.1334
65	GMIT NDA	TransGas SSDA	-	1.2174	-	0.1101
66	GMIT NDA	Centram SSDA	-	1.1188	-	0.1006
67	GMIT NDA	Centram MDA	-	0.9706	-	0.0862
68	GMIT NDA	Centrat MDA	-	0.9021	-	0.0796
69	GMIT NDA	Union WDA	-	0.6451	-	0.0547
70	GMIT NDA	Nipigon WDA	-	0.5395	-	0.0444
71	GMIT NDA	Union NDA	-	0.1848	-	0.0101
72	GMIT NDA	Calstock NDA	-	0.3561	-	0.0267
73	GMIT NDA	Tunis NDA	-	0.2116	-	0.0127
74	GMIT NDA	GMIT NDA	-	0.0927	-	0.0012
75	GMIT NDA	Union SSMDA	-	0.8339	-	0.0730
76	GMIT NDA	Union NCDA	-	0.2881	-	0.0182
77	GMIT NDA	Union CDA	-	0.4341	-	0.0313



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 NDA	Union ECDA	-	0.4046	-	0.0287
2	GMIT NDA	Union EDA	-	0.4710	-	0.0347
3	GMIT NDA	Union Parkway Belt	-	0.3978	-	0.0281
4	GMIT NDA	Enbridge CDA	-	0.3937	-	0.0277
5	GMIT NDA	Enbridge Parkway CDA	-	0.3978	-	0.0281
6	GMIT NDA	Enbridge EDA	-	0.4285	-	0.0308
7	GMIT NDA	KPUC EDA	-	0.5080	-	0.0380
8	GMIT NDA	GMIT EDA	-	0.5608	-	0.0428
9	GMIT NDA	Enbridge SWDA	-	0.5329	-	0.0403
10	GMIT NDA	Union SWDA	-	0.5351	-	0.0405
11	GMIT NDA	Chippawa	-	0.4782	-	0.0353
12	GMIT NDA	Cornwall	-	0.4601	-	0.0337
13	GMIT NDA	East Hereford	-	0.6723	-	0.0528
14	GMIT NDA	Emerson 1	-	0.9808	-	0.0872
15	GMIT NDA	Emerson 2	-	0.9808	-	0.0872
16	GMIT NDA	Iroquois	-	0.4403	-	0.0319
17	GMIT NDA	Kirkwall	-	0.4205	-	0.0301
18	GMIT NDA	Napierville	-	0.5516	-	0.0419
19	GMIT NDA	Niagara Falls	-	0.4768	-	0.0352
20	GMIT NDA	North Bay Junction	-	0.1710	-	0.0088
21	GMIT NDA	Philipsburg	-	0.5620	-	0.0429
22	GMIT NDA	Spruce	-	0.9021	-	0.0796
23	GMIT NDA	St. Clair	-	0.5095	-	0.0415
24	GMIT NDA	Welwyn	-	1.1188	-	0.1006
25	GMIT NDA	Dawn Export	-	0.5329	-	0.0403
26	Grand Coulee	Empress	9.13291	0.3003	0.64864	0.0213
27	Grand Coulee	TransGas SSDA	4.01135	0.1319	0.15117	0.0050
28	Grand Coulee	Centram SSDA	6.82763	0.2245	0.42471	0.0139
29	Grand Coulee	Centram MDA	11.38070	0.3742	0.86697	0.0284
30	Grand Coulee	Centrat MDA	13.41892	0.4412	1.06493	0.0349
31	Grand Coulee	Union WDA	21.93833	0.7213	1.89246	0.0621
32	Grand Coulee	Nipigon WDA	24.44709	0.8037	2.13612	0.0700
33	Grand Coulee	Union NDA	37.14149	1.2211	3.36916	0.1105
34	Grand Coulee	Calstock NDA	30.02764	0.9872	2.67817	0.0878
35	Grand Coulee	Tunis NDA	34.42102	1.1317	3.10494	0.1018
36	Grand Coulee	GMIT NDA	38.03695	1.2505	3.45617	0.1133
37	Grand Coulee	Union SSMDA	33.10063	1.0882	2.97666	0.0976
38	Grand Coulee	Union NCDA	46.20140	1.5190	3.94088	0.1292
39	Grand Coulee	Union CDA	47.61121	1.5653	4.06839	0.1334
40	Grand Coulee	Union ECDA	47.91720	1.5754	4.09608	0.1343
41	Grand Coulee	Union EDA	51.69738	1.6996	4.43802	0.1455
42	Grand Coulee	Union Parkway Belt	47.70854	1.5685	4.07722	0.1337
43	Grand Coulee	Enbridge CDA	48.79320	1.6042	4.17532	0.1369
44	Grand Coulee	Enbridge Parkway CDA	47.70854	1.5685	4.07722	0.1337
45	Grand Coulee	Enbridge EDA	50.45699	1.6589	4.32581	0.1418
46	Grand Coulee	KPUC EDA	52.89033	1.7389	4.54594	0.1491
47	Grand Coulee	GMIT EDA	54.49359	1.7916	4.69095	0.1538
48	Grand Coulee	Enbridge SWDA	43.59834	1.4334	3.70539	0.1215
49	Grand Coulee	Union SWDA	43.53294	1.4312	3.69949	0.1213
50	Grand Coulee	Chippawa	49.07760	1.6135	4.20105	0.1377
51	Grand Coulee	Cornwall	51.43154	1.6909	4.41399	0.1447
52	Grand Coulee	East Hereford	57.88565	1.9031	4.99780	0.1639
53	Grand Coulee	Emerson 1	13.77480	0.4529	1.09952	0.0361
54	Grand Coulee	Emerson 2	13.77480	0.4529	1.09952	0.0361
55	Grand Coulee	Iroquois	50.82929	1.6711	4.35952	0.1429
56	Grand Coulee	Kirkwall	47.01626	1.5457	4.01460	0.1316
57	Grand Coulee	Napierville	54.21528	1.7824	4.66579	0.1530
58	Grand Coulee	Niagara Falls	49.03440	1.6121	4.19714	0.1376
59	Grand Coulee	North Bay Junction	40.06757	1.3173	3.65339	0.1198
60	Grand Coulee	Philipsburg	54.53130	1.7928	4.69441	0.1539
61	Grand Coulee	Spruce	13.41892	0.4412	1.06493	0.0349
62	Grand Coulee	St. Clair	40.20110	1.3217	3.66634	0.1202
63	Grand Coulee	Welwyn	6.82763	0.2245	0.42471	0.0139
64	Grand Coulee	Dawn Export	43.59834	1.4334	3.70539	0.1215
65	Herbert	Empress	6.07269	0.1997	0.35139	0.0115
66	Herbert	TransGas SSDA	6.96633	0.2290	0.43820	0.0144
67	Herbert	Centram SSDA	9.88785	0.3251	0.72196	0.0237
68	Herbert	Centram MDA	14.44031	0.4748	1.16418	0.0382
69	Herbert	Centrat MDA	16.47914	0.5418	1.36219	0.0447
70	Herbert	Union WDA	24.99885	0.8219	2.18971	0.0718
71	Herbert	Nipigon WDA	27.50731	0.9044	2.43338	0.0798
72	Herbert	Union NDA	40.20171	1.3217	3.66640	0.1202
73	Herbert	Calstock NDA	33.08755	1.0878	2.97542	0.0976
74	Herbert	Tunis NDA	37.48155	1.2323	3.40218	0.1116
75	Herbert	GMIT NDA	41.09748	1.3512	3.75341	0.1231
76	Herbert	Union SSMDA	36.16085	1.1889	3.27392	0.1073
77	Herbert	Union NCDA	49.48761	1.6270	4.23813	0.1390

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1	Herbert	Union CDA	50.89682	1.6733	4.36563	0.1431
2	Herbert	Union ECDA	51.20311	1.6834	4.39333	0.1440
3	Herbert	Union EDA	54.98299	1.8077	4.73526	0.1553
4	Herbert	Union Parkway Belt	50.99476	1.6765	4.37446	0.1434
5	Herbert	Enbridge CDA	52.07911	1.7122	4.47258	0.1466
6	Herbert	Enbridge Parkway CDA	50.99476	1.6765	4.37446	0.1434
7	Herbert	Enbridge EDA	53.74290	1.7669	4.62307	0.1516
8	Herbert	KPUC EDA	56.17624	1.8469	4.84318	0.1588
9	Herbert	GMIT EDA	57.77980	1.8996	4.98824	0.1636
10	Herbert	Enbridge SWDA	46.88425	1.5414	4.00264	0.1312
11	Herbert	Union SWDA	46.81885	1.5393	3.99675	0.1310
12	Herbert	Chippawa	52.36381	1.7216	4.49831	0.1475
13	Herbert	Cornwall	54.71776	1.7989	4.71125	0.1545
14	Herbert	East Hereford	61.17126	2.0111	5.29504	0.1736
15	Herbert	Emerson 1	16.83532	0.5535	1.39677	0.0458
16	Herbert	Emerson 2	16.83532	0.5535	1.39677	0.0458
17	Herbert	Iroquois	54.11551	1.7791	4.65676	0.1527
18	Herbert	Kirkwall	50.30248	1.6538	4.31184	0.1414
19	Herbert	Napierville	57.50149	1.8905	4.96305	0.1627
20	Herbert	Niagara Falls	52.32062	1.7201	4.49440	0.1474
21	Herbert	North Bay Junction	43.12810	1.4179	3.95063	0.1295
22	Herbert	Philipsburg	57.81752	1.9009	4.99167	0.1637
23	Herbert	Spruce	16.47914	0.5418	1.36219	0.0447
24	Herbert	St. Clair	43.26102	1.4223	3.96358	0.1300
25	Herbert	Welwyn	9.88785	0.3251	0.72196	0.0237
26	Herbert	Dawn Export	46.88425	1.5414	4.00264	0.1312
27	Iroquois	Empress	76.87965	2.5276	4.97262	0.1630
28	Iroquois	TransGas SSDA	66.39076	2.1827	4.26164	0.1397
29	Iroquois	Centram SSDA	62.09289	2.0414	3.97033	0.1302
30	Iroquois	Centram MDA	55.63117	1.8290	3.53233	0.1158
31	Iroquois	Centrat MDA	52.64790	1.7309	3.33012	0.1092
32	Iroquois	Union WDA	41.44423	1.3626	2.57071	0.0843
33	Iroquois	Nipigon WDA	36.84462	1.2113	2.25893	0.0741
34	Iroquois	Union NDA	18.67127	0.6139	1.02712	0.0337
35	Iroquois	Calstock NDA	28.84747	0.9484	1.71689	0.0563
36	Iroquois	Tunis NDA	22.55122	0.7414	1.29011	0.0423
37	Iroquois	GMIT NDA	17.87314	0.5876	0.97300	0.0319
38	Iroquois	Union SSMDA	34.56246	1.1363	2.10429	0.0690
39	Iroquois	Union NCDA	16.32037	0.5366	0.86775	0.0285
40	Iroquois	Union CDA	15.83978	0.5208	0.83519	0.0274
41	Iroquois	Union ECDA	14.64258	0.4814	0.75406	0.0247
42	Iroquois	Union EDA	6.75950	0.2222	0.21972	0.0072
43	Iroquois	Union Parkway Belt	14.36427	0.4723	0.73518	0.0241
44	Iroquois	Enbridge CDA	13.64887	0.4487	0.68669	0.0225
45	Iroquois	Enbridge Parkway CDA	14.36427	0.4723	0.73518	0.0241
46	Iroquois	Enbridge EDA	6.42674	0.2113	0.19716	0.0065
47	Iroquois	KPUC EDA	7.01621	0.2307	0.23711	0.0078
48	Iroquois	GMIT EDA	9.37685	0.3083	0.39712	0.0130
49	Iroquois	Enbridge SWDA	19.84992	0.6526	1.10701	0.0363
50	Iroquois	Union SWDA	19.93691	0.6555	1.11291	0.0365
51	Iroquois	Chippawa	17.63102	0.5797	0.95660	0.0314
52	Iroquois	Cornwall	5.29007	0.1739	0.12011	0.0039
53	Iroquois	East Hereford	13.90255	0.4571	0.70390	0.0231
54	Iroquois	Emerson 1	56.07890	1.8437	3.56269	0.1168
55	Iroquois	Emerson 2	56.07890	1.8437	3.56269	0.1168
56	Iroquois	Iroquois	4.04238	0.1329	0.03553	0.0012
57	Iroquois	Kirkwall	15.28803	0.5026	0.79781	0.0262
58	Iroquois	Napierville	9.00455	0.2960	0.37191	0.0122
59	Iroquois	Niagara Falls	17.57293	0.5777	0.95268	0.0312
60	Iroquois	North Bay Junction	14.45978	0.4754	0.74166	0.0243
61	Iroquois	Philipsburg	9.42673	0.3099	0.40053	0.0131
62	Iroquois	Spruce	52.64790	1.7309	3.33012	0.1092
63	Iroquois	St. Clair	20.42601	0.6715	1.14607	0.0376
64	Iroquois	Welwyn	62.09289	2.0414	3.97033	0.1302
65	Iroquois	Dawn Export	19.84992	0.6526	1.10701	0.0363
66	Kirkwall	Empress	71.79094	2.3603	4.62770	0.1517
67	Kirkwall	TransGas SSDA	61.30114	2.0154	3.91669	0.1284
68	Kirkwall	Centram SSDA	57.00418	1.8741	3.62541	0.1189
69	Kirkwall	Centram MDA	50.50323	1.6604	3.18477	0.1044
70	Kirkwall	Centrat MDA	50.48011	1.6596	3.18318	0.1044
71	Kirkwall	Union WDA	40.64184	1.3362	2.51632	0.0825
72	Kirkwall	Nipigon WDA	36.04223	1.1850	2.20457	0.0723
73	Kirkwall	Union NDA	17.85185	0.5869	0.97158	0.0319
74	Kirkwall	Calstock NDA	28.04508	0.9220	1.66251	0.0545
75	Kirkwall	Tunis NDA	21.74944	0.7151	1.23575	0.0405
76	Kirkwall	GMIT NDA	17.07014	0.5612	0.91861	0.0301
77	Kirkwall	Union SSMDA	23.31711	0.7666	1.34203	0.0440

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	Union NCDA	9.41639	0.3096	0.39982	0.0131
2	Kirkwall	Union CDA	4.83564	0.1590	0.08930	0.0029
3	Kirkwall	Union ECDA	5.24475	0.1724	0.11703	0.0038
4	Kirkwall	Union EDA	12.76557	0.4197	0.62682	0.0206
5	Kirkwall	Union Parkway Belt	4.96613	0.1633	0.09815	0.0032
6	Kirkwall	Enbridge CDA	6.72665	0.2212	0.21748	0.0071
7	Kirkwall	Enbridge Parkway CDA	4.96613	0.1633	0.09815	0.0032
8	Kirkwall	Enbridge EDA	16.08920	0.5290	0.85210	0.0279
9	Kirkwall	KPUC EDA	12.31388	0.4048	0.59622	0.0196
10	Kirkwall	GMIT EDA	20.39803	0.6706	1.14417	0.0375
11	Kirkwall	Enbridge SWDA	8.60427	0.2829	0.34474	0.0113
12	Kirkwall	Union SWDA	8.69126	0.2857	0.35064	0.0115
13	Kirkwall	Chippawa	6.79326	0.2233	0.22199	0.0073
14	Kirkwall	Cornwall	16.31215	0.5363	0.86723	0.0284
15	Kirkwall	East Hereford	24.92494	0.8195	1.45101	0.0476
16	Kirkwall	Emerson 1	47.04880	1.5468	2.95061	0.0967
17	Kirkwall	Emerson 2	47.04880	1.5468	2.95061	0.0967
18	Kirkwall	Iroquois	15.28803	0.5026	0.79781	0.0262
19	Kirkwall	Kirkwall	4.04238	0.1329	0.03553	0.0012
20	Kirkwall	Napierville	20.02725	0.6584	1.11903	0.0367
21	Kirkwall	Niagara Falls	6.73516	0.2214	0.21807	0.0072
22	Kirkwall	North Bay Junction	13.65769	0.4490	0.68730	0.0225
23	Kirkwall	Philipsburg	20.44943	0.6723	1.14764	0.0376
24	Kirkwall	Spruce	50.48011	1.6596	3.18318	0.1044
25	Kirkwall	St. Clair	9.18005	0.3018	0.38379	0.0126
26	Kirkwall	Welwyn	57.00418	1.8741	3.62541	0.1189
27	Kirkwall	Dawn Export	8.60427	0.2829	0.34474	0.0113
28	KPUC EDA	Empress	-	2.6180	-	0.1692
29	KPUC EDA	TransGas SSDA	-	2.2731	-	0.1458
30	KPUC EDA	Centram SSDA	-	2.1318	-	0.1363
31	KPUC EDA	Centram MDA	-	1.9177	-	0.1218
32	KPUC EDA	Centrat MDA	-	1.8213	-	0.1153
33	KPUC EDA	Union WDA	-	1.4529	-	0.0904
34	KPUC EDA	Nipigon WDA	-	1.3017	-	0.0802
35	KPUC EDA	Union NDA	-	0.7042	-	0.0398
36	KPUC EDA	Calstock NDA	-	1.0388	-	0.0624
37	KPUC EDA	Tunis NDA	-	0.8318	-	0.0484
38	KPUC EDA	GMIT NDA	-	0.6780	-	0.0380
39	KPUC EDA	Union SSMDA	-	1.0385	-	0.0624
40	KPUC EDA	Union NCDA	-	0.4468	-	0.0224
41	KPUC EDA	Union CDA	-	0.4230	-	0.0208
42	KPUC EDA	Union ECDA	-	0.3836	-	0.0181
43	KPUC EDA	Union EDA	-	0.1971	-	0.0055
44	KPUC EDA	Union Parkway Belt	-	0.3745	-	0.0175
45	KPUC EDA	Enbridge CDA	-	0.3510	-	0.0159
46	KPUC EDA	Enbridge Parkway CDA	-	0.3745	-	0.0175
47	KPUC EDA	Enbridge EDA	-	0.2802	-	0.0111
48	KPUC EDA	KPUC EDA	-	0.1329	-	0.0012
49	KPUC EDA	GMIT EDA	-	0.3987	-	0.0191
50	KPUC EDA	Enbridge SWDA	-	0.5548	-	0.0297
51	KPUC EDA	Union SWDA	-	0.5577	-	0.0299
52	KPUC EDA	Chippawa	-	0.4819	-	0.0248
53	KPUC EDA	Cornwall	-	0.2644	-	0.0101
54	KPUC EDA	East Hereford	-	0.5475	-	0.0292
55	KPUC EDA	Emerson 1	-	1.8188	-	0.1151
56	KPUC EDA	Emerson 2	-	1.8188	-	0.1151
57	KPUC EDA	Iroquois	-	0.2307	-	0.0078
58	KPUC EDA	Kirkwall	-	0.4048	-	0.0196
59	KPUC EDA	Napierville	-	0.3865	-	0.0183
60	KPUC EDA	Niagara Falls	-	0.4800	-	0.0246
61	KPUC EDA	North Bay Junction	-	0.5658	-	0.0304
62	KPUC EDA	Philipsburg	-	0.4004	-	0.0192
63	KPUC EDA	Spruce	-	1.8213	-	0.1153
64	KPUC EDA	St. Clair	-	0.5738	-	0.0310
65	KPUC EDA	Welwyn	-	2.1318	-	0.1363
66	KPUC EDA	Dawn Export	-	0.5548	-	0.0297
67	Lachenaie	Empress	81.04825	2.6646	5.25510	0.1723
68	Lachenaie	TransGas SSDA	70.55602	2.3197	4.54411	0.1490
69	Lachenaie	Centram SSDA	66.26271	2.1785	4.25281	0.1394
70	Lachenaie	Centram MDA	59.79917	1.9660	3.81478	0.1251
71	Lachenaie	Centrat MDA	56.81560	1.8679	3.61260	0.1185
72	Lachenaie	Union WDA	45.60949	1.4995	2.85317	0.0936
73	Lachenaie	Nipigon WDA	41.01353	1.3484	2.54141	0.0833
74	Lachenaie	Union NDA	22.83775	0.7508	1.30959	0.0429
75	Lachenaie	Calstock NDA	33.01303	1.0854	1.99935	0.0656
76	Lachenaie	Tunis NDA	26.71983	0.8785	1.57259	0.0516
77	Lachenaie	GMIT NDA	22.03870	0.7246	1.25547	0.0412

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 SSMDA	38.95189	1.2806	2.40171	0.0787
2	Lachenaie	Union NCDA	20.65322	0.6790	1.16145	0.0381
3	Lachenaie	Union CDA	20.22769	0.6650	1.13262	0.0371
4	Lachenaie	Union ECDA	19.03140	0.6257	1.05149	0.0345
5	Lachenaie	Union EDA	10.99350	0.3614	0.50672	0.0166
6	Lachenaie	Union Parkway Belt	18.75248	0.6165	1.03261	0.0339
7	Lachenaie	Enbridge CDA	18.03374	0.5929	0.98394	0.0323
8	Lachenaie	Enbridge Parkway CDA	18.75248	0.6165	1.03261	0.0339
9	Lachenaie	Enbridge EDA	10.41649	0.3425	0.46746	0.0153
10	Lachenaie	KPUC EDA	11.40473	0.3750	0.53454	0.0175
11	Lachenaie	GMIT EDA	6.55814	0.2156	0.20620	0.0068
12	Lachenaie	Enbridge SWDA	24.23722	0.7968	1.40444	0.0461
13	Lachenaie	Union SWDA	24.32725	0.7998	1.41033	0.0462
14	Lachenaie	Chippawa	22.01984	0.7239	1.25402	0.0411
15	Lachenaie	Cornwall	7.40463	0.2434	0.26353	0.0086
16	Lachenaie	East Hereford	9.29108	0.3055	0.39131	0.0128
17	Lachenaie	Emerson 1	60.24812	1.9808	3.84517	0.1261
18	Lachenaie	Emerson 2	60.24812	1.9808	3.84517	0.1261
19	Lachenaie	Iroquois	8.65293	0.2845	0.34811	0.0114
20	Lachenaie	Kirkwall	19.67441	0.6468	1.09523	0.0359
21	Lachenaie	Napierville	8.19881	0.2696	0.31727	0.0104
22	Lachenaie	Niagara Falls	21.96296	0.7221	1.25010	0.0410
23	Lachenaie	North Bay Junction	18.62960	0.6125	1.02414	0.0336
24	Lachenaie	Philipsburg	8.61978	0.2834	0.34588	0.0113
25	Lachenaie	Spruce	56.81560	1.8679	3.61260	0.1185
26	Lachenaie	St. Clair	24.81422	0.8158	1.44348	0.0473
27	Lachenaie	Welwyn	66.26271	2.1785	4.25281	0.1394
28	Lachenaie	Dawn Export	24.23722	0.7968	1.40444	0.0461
29	Liebenthal	Empress	3.55632	0.1169	0.10699	0.0035
30	Liebenthal	TransGas SSDA	9.41092	0.3094	0.67563	0.0222
31	Liebenthal	Centram SSDA	12.40392	0.4078	0.96636	0.0317
32	Liebenthal	Centram MDA	16.95668	0.5575	1.40858	0.0462
33	Liebenthal	Centrat MDA	18.99551	0.6245	1.60659	0.0527
34	Liebenthal	Union WDA	27.51461	0.9046	2.43410	0.0798
35	Liebenthal	Nipigon WDA	30.02338	0.9871	2.67776	0.0878
36	Liebenthal	Union NDA	42.71778	1.4044	3.91083	0.1282
37	Liebenthal	Calstock NDA	35.60393	1.1705	3.21982	0.1056
38	Liebenthal	Tunis NDA	39.99761	1.3150	3.64659	0.1196
39	Liebenthal	GMIT NDA	43.61385	1.4339	3.99782	0.1311
40	Liebenthal	Union SSMDA	38.67723	1.2716	3.51833	0.1154
41	Liebenthal	Union NCDA	52.18983	1.7158	4.48257	0.1470
42	Liebenthal	Union CDA	53.59843	1.7621	4.61002	0.1512
43	Liebenthal	Union ECDA	53.90503	1.7722	4.63773	0.1521
44	Liebenthal	Union EDA	57.68490	1.8965	4.97965	0.1633
45	Liebenthal	Union Parkway Belt	53.69667	1.7654	4.61887	0.1514
46	Liebenthal	Enbridge CDA	54.78072	1.8010	4.71696	0.1547
47	Liebenthal	Enbridge Parkway CDA	53.69667	1.7654	4.61887	0.1514
48	Liebenthal	Enbridge EDA	56.44390	1.8557	4.86739	0.1596
49	Liebenthal	KPUC EDA	58.87785	1.9357	5.08759	0.1668
50	Liebenthal	GMIT EDA	60.48111	1.9884	5.23261	0.1716
51	Liebenthal	Enbridge SWDA	49.58616	1.6302	4.24704	0.1393
52	Liebenthal	Union SWDA	49.52077	1.6281	4.24116	0.1391
53	Liebenthal	Chippawa	55.06542	1.8104	4.74270	0.1555
54	Liebenthal	Cornwall	57.41937	1.8878	4.95564	0.1625
55	Liebenthal	East Hereford	63.87318	2.0999	5.53945	0.1816
56	Liebenthal	Emerson 1	19.35139	0.6362	1.64117	0.0538
57	Liebenthal	Emerson 2	19.35139	0.6362	1.64117	0.0538
58	Liebenthal	Iroquois	56.81742	1.8680	4.90117	0.1607
59	Liebenthal	Kirkwall	53.00439	1.7426	4.55625	0.1494
60	Liebenthal	Napierville	60.20310	1.9793	5.20744	0.1707
61	Liebenthal	Niagara Falls	55.02193	1.8089	4.73879	0.1554
62	Liebenthal	North Bay Junction	45.64386	1.5006	4.19504	0.1375
63	Liebenthal	Philipsburg	60.51943	1.9897	5.23606	0.1717
64	Liebenthal	Spruce	18.99551	0.6245	1.60659	0.0527
65	Liebenthal	St. Clair	45.77739	1.5050	4.20799	0.1380
66	Liebenthal	Welwyn	12.40392	0.4078	0.96636	0.0317
67	Liebenthal	Dawn Export	49.58616	1.6302	4.24704	0.1393
68	Napierville	Empress	81.39865	2.6761	5.27890	0.1731
69	Napierville	TransGas SSDA	70.90885	2.3313	4.56789	0.1498
70	Napierville	Centram SSDA	66.61128	2.1900	4.27661	0.1402
71	Napierville	Centram MDA	60.14957	1.9775	3.83862	0.1259
72	Napierville	Centrat MDA	57.16630	1.8794	3.63639	0.1192
73	Napierville	Union WDA	45.96263	1.5111	2.87699	0.0943
74	Napierville	Nipigon WDA	41.36302	1.3599	2.56521	0.0841
75	Napierville	Union NDA	23.18967	0.7624	1.33339	0.0437
76	Napierville	Calstock NDA	33.36587	1.0970	2.02316	0.0663
77	Napierville	Tunis NDA	27.06962	0.8900	1.59638	0.0523

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1	Napierville	GMIT NDA	22.39153	0.7362	1.27928	0.0419
2	Napierville	Union SSMDA	39.30168	1.2921	2.42551	0.0795
3	Napierville	Union NCDA	21.00362	0.6905	1.18522	0.0389
4	Napierville	Union CDA	20.57870	0.6766	1.15641	0.0379
5	Napierville	Union ECDA	19.38150	0.6372	1.07527	0.0353
6	Napierville	Union EDA	11.34420	0.3730	0.53047	0.0174
7	Napierville	Union Parkway Belt	19.10349	0.6281	1.05640	0.0346
8	Napierville	Enbridge CDA	18.38840	0.6046	1.00794	0.0331
9	Napierville	Enbridge Parkway CDA	19.10349	0.6281	1.05640	0.0346
10	Napierville	Enbridge EDA	10.76598	0.3540	0.49129	0.0161
11	Napierville	KPUC EDA	11.75513	0.3865	0.55833	0.0183
12	Napierville	GMIT EDA	8.40260	0.2763	0.33109	0.0109
13	Napierville	Enbridge SWDA	24.58883	0.8084	1.42823	0.0468
14	Napierville	Union SWDA	24.67613	0.8113	1.43413	0.0470
15	Napierville	Chippawa	22.36963	0.7354	1.27782	0.0419
16	Napierville	Cornwall	7.75686	0.2550	0.28733	0.0094
17	Napierville	East Hereford	13.44782	0.4421	0.67305	0.0221
18	Napierville	Emerson 1	60.59730	1.9922	3.86897	0.1269
19	Napierville	Emerson 2	60.59730	1.9922	3.86897	0.1269
20	Napierville	Iroquois	9.00455	0.2960	0.37191	0.0122
21	Napierville	Kirkwall	20.02725	0.6584	1.11903	0.0367
22	Napierville	Napierville	4.04238	0.1329	0.03553	0.0012
23	Napierville	Niagara Falls	22.31215	0.7336	1.27390	0.0418
24	Napierville	North Bay Junction	18.97818	0.6239	1.04793	0.0344
25	Napierville	Philipsburg	6.26370	0.2059	0.18611	0.0061
26	Napierville	Spruce	57.16630	1.8794	3.63639	0.1192
27	Napierville	St. Clair	25.16493	0.8273	1.46729	0.0481
28	Napierville	Welwyn	66.61128	2.1900	4.27661	0.1402
29	Napierville	Dawn Export	24.58883	0.8084	1.42823	0.0468
30	Niagara Falls	Empress	74.48433	2.4488	4.81024	0.1577
31	Niagara Falls	TransGas SSDA	63.99484	2.1039	4.09926	0.1344
32	Niagara Falls	Centram SSDA	59.69727	1.9627	3.80795	0.1249
33	Niagara Falls	Centram MDA	53.19601	1.7489	3.36727	0.1104
34	Niagara Falls	Centrat MDA	53.17290	1.7482	3.36572	0.1104
35	Niagara Falls	Union WDA	42.92643	1.4113	2.67121	0.0876
36	Niagara Falls	Nipigon WDA	38.32743	1.2601	2.35945	0.0774
37	Niagara Falls	Union NDA	20.13614	0.6620	1.12642	0.0369
38	Niagara Falls	Calstock NDA	30.33028	0.9972	1.81739	0.0596
39	Niagara Falls	Tunis NDA	24.03403	0.7902	1.39062	0.0456
40	Niagara Falls	GMIT NDA	19.35534	0.6363	1.07350	0.0352
41	Niagara Falls	Union SSMDA	26.00990	0.8551	1.52457	0.0500
42	Niagara Falls	Union NCDA	11.70129	0.3847	0.55468	0.0182
43	Niagara Falls	Union CDA	5.94220	0.1954	0.16430	0.0054
44	Niagara Falls	Union ECDA	6.97241	0.2292	0.23415	0.0077
45	Niagara Falls	Union EDA	15.05017	0.4948	0.78168	0.0256
46	Niagara Falls	Union Parkway Belt	7.25103	0.2384	0.25303	0.0083
47	Niagara Falls	Enbridge CDA	8.30710	0.2731	0.32461	0.0106
48	Niagara Falls	Enbridge Parkway CDA	7.25103	0.2384	0.25303	0.0083
49	Niagara Falls	Enbridge EDA	18.37380	0.6041	1.00696	0.0330
50	Niagara Falls	KPUC EDA	14.59909	0.4800	0.75110	0.0246
51	Niagara Falls	GMIT EDA	22.68414	0.7458	1.29911	0.0426
52	Niagara Falls	Enbridge SWDA	11.29705	0.3714	0.52728	0.0173
53	Niagara Falls	Union SWDA	11.38405	0.3743	0.53318	0.0175
54	Niagara Falls	Chippawa	4.97708	0.1636	0.09891	0.0032
55	Niagara Falls	Cornwall	18.59736	0.6114	1.02210	0.0335
56	Niagara Falls	East Hereford	27.21014	0.8946	1.60589	0.0527
57	Niagara Falls	Emerson 1	49.74159	1.6353	3.13314	0.1027
58	Niagara Falls	Emerson 2	49.74159	1.6353	3.13314	0.1027
59	Niagara Falls	Iroquois	17.57293	0.5777	0.95268	0.0312
60	Niagara Falls	Kirkwall	6.73516	0.2214	0.21807	0.0072
61	Niagara Falls	Napierville	22.31215	0.7336	1.27390	0.0418
62	Niagara Falls	Niagara Falls	4.04238	0.1329	0.03553	0.0012
63	Niagara Falls	North Bay Junction	15.94259	0.5241	0.84217	0.0276
64	Niagara Falls	Philipsburg	22.73433	0.7474	1.30252	0.0427
65	Niagara Falls	Spruce	53.17290	1.7482	3.36572	0.1104
66	Niagara Falls	St. Clair	11.87315	0.3904	0.56633	0.0186
67	Niagara Falls	Welwyn	59.69727	1.9627	3.80795	0.1249
68	Niagara Falls	Dawn Export	11.29705	0.3714	0.52728	0.0173
69	Nipigon WDA	Empress	-	1.0113	-	0.0901
70	Nipigon WDA	TransGas SSDA	-	0.7706	-	0.0668
71	Nipigon WDA	Centram SSDA	-	0.6720	-	0.0573
72	Nipigon WDA	Centram MDA	-	0.5238	-	0.0429
73	Nipigon WDA	Centrat MDA	-	0.4553	-	0.0363
74	Nipigon WDA	Union WDA	-	0.2022	-	0.0118
75	Nipigon WDA	Nipigon WDA	-	0.0927	-	0.0012
76	Nipigon WDA	Union NDA	-	0.5101	-	0.0416
77	Nipigon WDA	Calstock NDA	-	0.2762	-	0.0189

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	Tunis NDA	-	0.4207	-	0.0329
2	Nipigon WDA	GMIT NDA	-	0.5395	-	0.0444
3	Nipigon WDA	Union SSMDA	-	1.1694	-	0.1055
4	Nipigon WDA	Union NCDA	-	0.7555	-	0.0603
5	Nipigon WDA	Union CDA	-	0.9015	-	0.0735
6	Nipigon WDA	Union ECDA	-	0.8720	-	0.0709
7	Nipigon WDA	Union EDA	-	0.9383	-	0.0768
8	Nipigon WDA	Union Parkway Belt	-	0.8652	-	0.0702
9	Nipigon WDA	Enbridge CDA	-	0.8610	-	0.0699
10	Nipigon WDA	Enbridge Parkway CDA	-	0.8652	-	0.0702
11	Nipigon WDA	Enbridge EDA	-	0.8958	-	0.0730
12	Nipigon WDA	KPUC EDA	-	0.9754	-	0.0802
13	Nipigon WDA	GMIT EDA	-	1.0281	-	0.0849
14	Nipigon WDA	Enbridge SWDA	-	1.0003	-	0.0824
15	Nipigon WDA	Union SWDA	-	1.0024	-	0.0826
16	Nipigon WDA	Chippawa	-	0.9456	-	0.0775
17	Nipigon WDA	Cornwall	-	0.9275	-	0.0759
18	Nipigon WDA	East Hereford	-	1.1396	-	0.0950
19	Nipigon WDA	Emerson 1	-	0.5340	-	0.0439
20	Nipigon WDA	Emerson 2	-	0.5340	-	0.0439
21	Nipigon WDA	Iroquois	-	0.9077	-	0.0741
22	Nipigon WDA	Kirkwall	-	0.8879	-	0.0723
23	Nipigon WDA	Napierville	-	1.0190	-	0.0841
24	Nipigon WDA	Niagara Falls	-	0.9442	-	0.0774
25	Nipigon WDA	North Bay Junction	-	0.6063	-	0.0509
26	Nipigon WDA	Philipsburg	-	1.0294	-	0.0850
27	Nipigon WDA	Spruce	-	0.4553	-	0.0363
28	Nipigon WDA	St. Clair	-	0.9448	-	0.0837
29	Nipigon WDA	Welwyn	-	0.6720	-	0.0573
30	Nipigon WDA	Dawn Export	-	1.0003	-	0.0824
31	North Bay Junction	Empress	66.46224	2.1851	4.26650	0.1399
32	North Bay Junction	TransGas SSDA	55.97245	1.8402	3.55548	0.1166
33	North Bay Junction	Centram SSDA	51.67548	1.6989	3.26421	0.1070
34	North Bay Junction	Centram MDA	45.21377	1.4865	2.82621	0.0927
35	North Bay Junction	Centrat MDA	42.23020	1.3884	2.62398	0.0860
36	North Bay Junction	Union WDA	31.02622	1.0200	1.86457	0.0611
37	North Bay Junction	Nipigon WDA	26.42661	0.8688	1.55281	0.0509
38	North Bay Junction	Union NDA	8.25295	0.2713	0.32092	0.0105
39	North Bay Junction	Calstock NDA	18.42946	0.6059	1.01075	0.0331
40	North Bay Junction	Tunis NDA	12.13321	0.3989	0.58398	0.0192
41	North Bay Junction	GMIT NDA	7.45513	0.2451	0.26686	0.0088
42	North Bay Junction	Union SSMDA	32.93213	1.0827	1.99378	0.0654
43	North Bay Junction	Union NCDA	8.28398	0.2724	0.32304	0.0106
44	North Bay Junction	Union CDA	14.20915	0.4672	0.72468	0.0238
45	North Bay Junction	Union ECDA	13.01225	0.4278	0.64355	0.0211
46	North Bay Junction	Union EDA	15.70413	0.5163	0.82599	0.0271
47	North Bay Junction	Union Parkway Belt	12.73394	0.4187	0.62467	0.0205
48	North Bay Junction	Enbridge CDA	12.57030	0.4133	0.61360	0.0201
49	North Bay Junction	Enbridge Parkway CDA	12.73394	0.4187	0.62467	0.0205
50	North Bay Junction	Enbridge EDA	13.97980	0.4596	0.70913	0.0233
51	North Bay Junction	KPUC EDA	17.21005	0.5658	0.92808	0.0304
52	North Bay Junction	GMIT EDA	19.35078	0.6362	1.07317	0.0352
53	North Bay Junction	Enbridge SWDA	18.21958	0.5990	0.99650	0.0327
54	North Bay Junction	Union SWDA	18.30627	0.6019	1.00239	0.0329
55	North Bay Junction	Chippawa	16.00069	0.5261	0.84609	0.0277
56	North Bay Junction	Cornwall	15.26339	0.5018	0.79613	0.0261
57	North Bay Junction	East Hereford	23.87648	0.7850	1.37994	0.0452
58	North Bay Junction	Emerson 1	45.66150	1.5012	2.85657	0.0937
59	North Bay Junction	Emerson 2	45.66150	1.5012	2.85657	0.0937
60	North Bay Junction	Iroquois	14.45978	0.4754	0.74166	0.0243
61	North Bay Junction	Kirkwall	13.65769	0.4490	0.68730	0.0225
62	North Bay Junction	Napierville	18.97818	0.6239	1.04793	0.0344
63	North Bay Junction	Niagara Falls	15.94259	0.5241	0.84217	0.0276
64	North Bay Junction	North Bay Junction	4.04238	0.1329	0.03553	0.0012
65	North Bay Junction	Philipsburg	19.40036	0.6378	1.07655	0.0353
66	North Bay Junction	Spruce	42.23020	1.3884	2.62398	0.0860
67	North Bay Junction	St. Clair	18.79568	0.6179	1.03556	0.0340
68	North Bay Junction	Welwyn	51.67548	1.6989	3.26421	0.1070
69	North Bay Junction	Dawn Export	18.21958	0.5990	0.99650	0.0327
70	Philipsburg	Empress	81.82023	2.6900	5.30751	0.1740
71	Philipsburg	TransGas SSDA	71.33104	2.3451	4.59652	0.1507
72	Philipsburg	Centram SSDA	67.03347	2.2038	4.30522	0.1412
73	Philipsburg	Centram MDA	60.57114	1.9914	3.86718	0.1268
74	Philipsburg	Centrat MDA	57.58848	1.8933	3.66501	0.1202
75	Philipsburg	Union WDA	46.38481	1.5250	2.90562	0.0953
76	Philipsburg	Nipigon WDA	41.78520	1.3738	2.59382	0.0850
77	Philipsburg	Union NDA	23.61185	0.7763	1.36201	0.0447



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	Calstock NDA	33.78805	1.1108	2.05176	0.0673
2	Philipsburg	Tunis NDA	27.49180	0.9038	1.62500	0.0533
3	Philipsburg	GMIT NDA	22.81372	0.7500	1.30789	0.0429
4	Philipsburg	Union SSMDA	39.72417	1.3060	2.45412	0.0805
5	Philipsburg	Union NCDA	21.42580	0.7044	1.21385	0.0398
6	Philipsburg	Union CDA	21.00088	0.6904	1.18504	0.0389
7	Philipsburg	Union ECDA	19.80368	0.6511	1.10387	0.0362
8	Philipsburg	Union EDA	11.76638	0.3868	0.55909	0.0183
9	Philipsburg	Union Parkway Belt	19.52568	0.6419	1.08502	0.0356
10	Philipsburg	Enbridge CDA	18.81028	0.6184	1.03653	0.0340
11	Philipsburg	Enbridge Parkway CDA	19.52568	0.6419	1.08502	0.0356
12	Philipsburg	Enbridge EDA	11.18816	0.3678	0.51988	0.0171
13	Philipsburg	KPUC EDA	12.17731	0.4004	0.58695	0.0192
14	Philipsburg	GMIT EDA	8.76152	0.2881	0.35541	0.0117
15	Philipsburg	Enbridge SWDA	25.01102	0.8223	1.45685	0.0478
16	Philipsburg	Union SWDA	25.09801	0.8251	1.46275	0.0480
17	Philipsburg	Chippawa	22.79182	0.7493	1.30643	0.0428
18	Philipsburg	Cornwall	8.17904	0.2689	0.31594	0.0104
19	Philipsburg	East Hereford	13.86970	0.4560	0.70167	0.0230
20	Philipsburg	Emerson 1	61.01948	2.0061	3.89758	0.1278
21	Philipsburg	Emerson 2	61.01948	2.0061	3.89758	0.1278
22	Philipsburg	Iroquois	9.42673	0.3099	0.40053	0.0131
23	Philipsburg	Kirkwall	20.44943	0.6723	1.14764	0.0376
24	Philipsburg	Napierville	6.26370	0.2059	0.18611	0.0061
25	Philipsburg	Niagara Falls	22.73433	0.7474	1.30252	0.0427
26	Philipsburg	North Bay Junction	19.40036	0.6378	1.07655	0.0353
27	Philipsburg	Philipsburg	4.04238	0.1329	0.03553	0.0012
28	Philipsburg	Spruce	57.58848	1.8933	3.66501	0.1202
29	Philipsburg	St. Clair	25.58741	0.8412	1.49590	0.0491
30	Philipsburg	Welwyn	67.03347	2.2038	4.30522	0.1412
31	Philipsburg	Dawn Export	25.01102	0.8223	1.45685	0.0478
32	Richmound	Empress	2.85825	0.0940	0.03917	0.0013
33	Richmound	TransGas SSDA	10.10381	0.3322	0.74292	0.0244
34	Richmound	Centram SSDA	13.10198	0.4308	1.03418	0.0339
35	Richmound	Centram MDA	17.65444	0.5804	1.47637	0.0484
36	Richmound	Centrat MDA	19.69327	0.6475	1.67439	0.0549
37	Richmound	Union WDA	28.21298	0.9276	2.50191	0.0820
38	Richmound	Nipigon WDA	30.72144	1.0100	2.74558	0.0900
39	Richmound	Union NDA	43.41584	1.4274	3.97861	0.1305
40	Richmound	Calstock NDA	36.30229	1.1935	3.28762	0.1078
41	Richmound	Tunis NDA	40.69598	1.3380	3.71441	0.1218
42	Richmound	GMIT NDA	44.31161	1.4568	4.06562	0.1333
43	Richmound	Union SSMDA	39.37498	1.2945	3.58613	0.1176
44	Richmound	Union NCDA	52.93899	1.7405	4.55037	0.1492
45	Richmound	Union CDA	54.34850	1.7868	4.67785	0.1534
46	Richmound	Union ECDA	54.65480	1.7969	4.70553	0.1543
47	Richmound	Union EDA	58.43528	1.9212	5.04755	0.1655
48	Richmound	Union Parkway Belt	54.44644	1.7900	4.68669	0.1537
49	Richmound	Enbridge CDA	55.53080	1.8257	4.78479	0.1569
50	Richmound	Enbridge Parkway CDA	54.44644	1.7900	4.68669	0.1537
51	Richmound	Enbridge EDA	57.19428	1.8804	4.93527	0.1618
52	Richmound	KPUC EDA	59.62762	1.9604	5.15541	0.1690
53	Richmound	GMIT EDA	61.23149	2.0131	5.30050	0.1738
54	Richmound	Enbridge SWDA	50.33563	1.6549	4.31486	0.1415
55	Richmound	Union SWDA	50.27054	1.6527	4.30896	0.1413
56	Richmound	Chippawa	55.81489	1.8350	4.81052	0.1577
57	Richmound	Cornwall	58.16883	1.9124	5.02346	0.1647
58	Richmound	East Hereford	64.62295	2.1246	5.60725	0.1838
59	Richmound	Emerson 1	20.04975	0.6592	1.70899	0.0560
60	Richmound	Emerson 2	20.04975	0.6592	1.70899	0.0560
61	Richmound	Iroquois	57.56689	1.8926	4.96898	0.1629
62	Richmound	Kirkwall	53.75416	1.7673	4.62407	0.1516
63	Richmound	Napierville	60.95257	2.0039	5.27526	0.1730
64	Richmound	Niagara Falls	55.77170	1.8336	4.80660	0.1576
65	Richmound	North Bay Junction	46.34223	1.5236	4.26286	0.1398
66	Richmound	Philipsburg	61.26920	2.0143	5.30387	0.1739
67	Richmound	Spruce	19.69327	0.6475	1.67439	0.0549
68	Richmound	St. Clair	46.47545	1.5280	4.27580	0.1402
69	Richmound	Welwyn	13.10198	0.4308	1.03418	0.0339
70	Richmound	Dawn Export	50.33563	1.6549	4.31486	0.1415
71	Sainte-Genevieve-de-Berthier	Empress	82.19040	2.7022	5.33259	0.1748
72	Sainte-Genevieve-de-Berthier	TransGas SSDA	71.70151	2.3573	4.62162	0.1515
73	Sainte-Genevieve-de-Berthier	Centram SSDA	67.40364	2.2160	4.33031	0.1420
74	Sainte-Genevieve-de-Berthier	Centram MDA	60.94040	2.0035	3.89221	0.1276
75	Sainte-Genevieve-de-Berthier	Centrat MDA	57.95835	1.9055	3.69008	0.1210
76	Sainte-Genevieve-de-Berthier	Union WDA	46.75468	1.5371	2.93068	0.0961
77	Sainte-Genevieve-de-Berthier	Nipigon WDA	42.15476	1.3859	2.61890	0.0859

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	Union NDA	23.98172	0.7884	1.38708	0.0455
2	Sainte-Genevieve-de-Berthier	Calstock NDA	34.15792	1.1230	2.07685	0.0681
3	Sainte-Genevieve-de-Berthier	Tunis NDA	27.86197	0.9160	1.65009	0.0541
4	Sainte-Genevieve-de-Berthier	GMIT NDA	23.18298	0.7622	1.33295	0.0437
5	Sainte-Genevieve-de-Berthier	Union SSMDA	40.09434	1.3182	2.47921	0.0813
6	Sainte-Genevieve-de-Berthier	Union NCDA	21.79628	0.7166	1.23894	0.0406
7	Sainte-Genevieve-de-Berthier	Union CDA	21.37045	0.7026	1.21010	0.0397
8	Sainte-Genevieve-de-Berthier	Union ECDA	20.17385	0.6633	1.12897	0.0370
9	Sainte-Genevieve-de-Berthier	Union EDA	12.13716	0.3990	0.58423	0.0192
10	Sainte-Genevieve-de-Berthier	Union Parkway Belt	19.89524	0.6541	1.11009	0.0364
11	Sainte-Genevieve-de-Berthier	Enbridge CDA	19.17984	0.6306	1.06162	0.0348
12	Sainte-Genevieve-de-Berthier	Enbridge Parkway CDA	19.89524	0.6541	1.11009	0.0364
13	Sainte-Genevieve-de-Berthier	Enbridge EDA	11.55742	0.3800	0.54494	0.0179
14	Sainte-Genevieve-de-Berthier	KPUC EDA	12.54718	0.4125	0.61202	0.0201
15	Sainte-Genevieve-de-Berthier	GMIT EDA	7.10990	0.2338	0.24347	0.0080
16	Sainte-Genevieve-de-Berthier	Enbridge SWDA	25.38119	0.8345	1.48192	0.0486
17	Sainte-Genevieve-de-Berthier	Union SWDA	25.46757	0.8373	1.48781	0.0488
18	Sainte-Genevieve-de-Berthier	Chippawa	23.16168	0.7615	1.33151	0.0437
19	Sainte-Genevieve-de-Berthier	Cornwall	8.54921	0.2811	0.34102	0.0112
20	Sainte-Genevieve-de-Berthier	East Hereford	10.43444	0.3431	0.46882	0.0154
21	Sainte-Genevieve-de-Berthier	Emerson 1	61.38965	2.0183	3.92266	0.1286
22	Sainte-Genevieve-de-Berthier	Emerson 2	61.38965	2.0183	3.92266	0.1286
23	Sainte-Genevieve-de-Berthier	Iroquois	9.79721	0.3221	0.42560	0.0140
24	Sainte-Genevieve-de-Berthier	Kirkwall	20.81930	0.6845	1.17272	0.0385
25	Sainte-Genevieve-de-Berthier	Napierville	9.34187	0.3071	0.39476	0.0129
26	Sainte-Genevieve-de-Berthier	Niagara Falls	23.10389	0.7596	1.32759	0.0435
27	Sainte-Genevieve-de-Berthier	North Bay Junction	19.77053	0.6500	1.10164	0.0361
28	Sainte-Genevieve-de-Berthier	Philipsburg	9.76405	0.3210	0.42337	0.0139
29	Sainte-Genevieve-de-Berthier	Spruce	57.95835	1.9055	3.69008	0.1210
30	Sainte-Genevieve-de-Berthier	St. Clair	25.95698	0.8534	1.52098	0.0499
31	Sainte-Genevieve-de-Berthier	Welwyn	67.40364	2.2160	4.33031	0.1420
32	Sainte-Genevieve-de-Berthier	Dawn Export	25.38119	0.8345	1.48192	0.0486
33	Shackleton	Empress	4.38365	0.1441	0.18732	0.0061
34	Shackleton	TransGas SSDA	8.60092	0.2828	0.59699	0.0196
35	Shackleton	Centram SSDA	11.57689	0.3806	0.88603	0.0291
36	Shackleton	Centram MDA	16.13026	0.5303	1.32831	0.0436
37	Shackleton	Centrat MDA	18.16788	0.5973	1.52624	0.0500
38	Shackleton	Union WDA	26.68758	0.8774	2.35374	0.0772
39	Shackleton	Nipigon WDA	29.19605	0.9599	2.59743	0.0852
40	Shackleton	Union NDA	41.89075	1.3772	3.83047	0.1256
41	Shackleton	Calstock NDA	34.77690	1.1434	3.13947	0.1029
42	Shackleton	Tunis NDA	39.17058	1.2878	3.56625	0.1169
43	Shackleton	GMIT NDA	42.78652	1.4067	3.91746	0.1284
44	Shackleton	Union SSMDA	37.84989	1.2444	3.43798	0.1127
45	Shackleton	Union NCDA	51.30136	1.6866	4.40221	0.1443
46	Shackleton	Union CDA	52.71056	1.7330	4.52968	0.1485
47	Shackleton	Union ECDA	53.01686	1.7430	4.55738	0.1494
48	Shackleton	Union EDA	56.79643	1.8673	4.89930	0.1606
49	Shackleton	Union Parkway Belt	52.80850	1.7362	4.53853	0.1488
50	Shackleton	Enbridge CDA	53.89286	1.7718	4.63664	0.1520
51	Shackleton	Enbridge Parkway CDA	52.80850	1.7362	4.53853	0.1488
52	Shackleton	Enbridge EDA	55.55604	1.8265	4.78709	0.1570
53	Shackleton	KPUC EDA	57.98998	1.9065	5.00725	0.1642
54	Shackleton	GMIT EDA	59.59325	1.9592	5.15229	0.1689
55	Shackleton	Enbridge SWDA	48.69769	1.6010	4.16670	0.1366
56	Shackleton	Union SWDA	48.63260	1.5989	4.16080	0.1364
57	Shackleton	Chippawa	54.17756	1.7812	4.66237	0.1529
58	Shackleton	Cornwall	56.53150	1.8586	4.87531	0.1599
59	Shackleton	East Hereford	62.98501	2.0707	5.45909	0.1790
60	Shackleton	Emerson 1	18.52436	0.6090	1.56084	0.0512
61	Shackleton	Emerson 2	18.52436	0.6090	1.56084	0.0512
62	Shackleton	Iroquois	55.92895	1.8388	4.82083	0.1581
63	Shackleton	Kirkwall	52.11622	1.7134	4.47591	0.1468
64	Shackleton	Napierville	59.31463	1.9501	5.12710	0.1681
65	Shackleton	Niagara Falls	54.13406	1.7798	4.65845	0.1527
66	Shackleton	North Bay Junction	44.81713	1.4734	4.11470	0.1349
67	Shackleton	Philipsburg	59.63127	1.9605	5.15572	0.1690
68	Shackleton	Spruce	18.16788	0.5973	1.52624	0.0500
69	Shackleton	St. Clair	44.95036	1.4778	4.12765	0.1353
70	Shackleton	Welwyn	11.57689	0.3806	0.88603	0.0291
71	Shackleton	Dawn Export	48.69769	1.6010	4.16670	0.1366
72	Spruce	Empress	-	0.6487	-	0.0550
73	Spruce	TransGas SSDA	-	0.4080	-	0.0317
74	Spruce	Centram SSDA	-	0.3094	-	0.0222
75	Spruce	Centram MDA	-	0.1612	-	0.0078
76	Spruce	Centrat MDA	-	0.0927	-	0.0012
77	Spruce	Union WDA	-	0.3728	-	0.0283



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	Nipigon WDA	-	0.4553	-	0.0363
2	Spruce	Union NDA	-	0.8727	-	0.0767
3	Spruce	Calstock NDA	-	0.6388	-	0.0541
4	Spruce	Tunis NDA	-	0.7832	-	0.0681
5	Spruce	GMIT NDA	-	0.9021	-	0.0796
6	Spruce	Union SSMDA	-	0.8068	-	0.0703
7	Spruce	Union NCDA	-	1.1448	-	0.0955
8	Spruce	Union CDA	-	1.2631	-	0.1061
9	Spruce	Union ECDA	-	1.2613	-	0.1060
10	Spruce	Union EDA	-	1.3276	-	0.1120
11	Spruce	Union Parkway Belt	-	1.2545	-	0.1054
12	Spruce	Enbridge CDA	-	1.2462	-	0.1046
13	Spruce	Enbridge Parkway CDA	-	1.2545	-	0.1054
14	Spruce	Enbridge EDA	-	1.2851	-	0.1081
15	Spruce	KPUC EDA	-	1.3647	-	0.1153
16	Spruce	GMIT EDA	-	1.4174	-	0.1201
17	Spruce	Enbridge SWDA	-	1.1312	-	0.0942
18	Spruce	Union SWDA	-	1.1291	-	0.0940
19	Spruce	Chippawa	-	1.3113	-	0.1105
20	Spruce	Cornwall	-	1.3168	-	0.1110
21	Spruce	East Hereford	-	1.5289	-	0.1301
22	Spruce	Emerson 1	-	0.1715	-	0.0088
23	Spruce	Emerson 2	-	0.1715	-	0.0088
24	Spruce	Iroquois	-	1.2970	-	0.1092
25	Spruce	Kirkwall	-	1.2436	-	0.1044
26	Spruce	Napierville	-	1.4083	-	0.1192
27	Spruce	Niagara Falls	-	1.3099	-	0.1104
28	Spruce	North Bay Junction	-	0.9689	-	0.0860
29	Spruce	Philipsburg	-	1.4187	-	0.1202
30	Spruce	Spruce	-	0.0927	-	0.0012
31	Spruce	St. Clair	-	1.0403	-	0.0930
32	Spruce	Welwyn	-	0.3094	-	0.0222
33	Spruce	Dawn Export	-	1.1312	-	0.0942
34	SS. Marie	Empress	39.23050	1.2898	3.57207	0.1171
35	SS. Marie	TransGas SSDA	31.91043	1.0491	2.86106	0.0938
36	SS. Marie	Centram SSDA	28.91165	0.9505	2.56978	0.0843
37	SS. Marie	Centram MDA	24.37500	0.8014	2.12915	0.0698
38	SS. Marie	Centrat MDA	24.35858	0.8008	2.12754	0.0698
39	SS. Marie	Union WDA	32.84027	1.0797	2.95138	0.0968
40	SS. Marie	Nipigon WDA	35.38675	1.1634	3.19873	0.1049
41	SS. Marie	Union NDA	25.72520	0.8458	2.26029	0.0741
42	SS. Marie	Calstock NDA	32.83935	1.0797	2.95129	0.0968
43	SS. Marie	Tunis NDA	28.44597	0.9352	2.52453	0.0828
44	SS. Marie	GMIT NDA	25.18074	0.8279	2.20741	0.0724
45	SS. Marie	Union SSMDA	3.00304	0.0987	0.05323	0.0018
46	SS. Marie	Union NCDA	21.30292	0.7004	1.68859	0.0554
47	SS. Marie	Union CDA	17.87040	0.5875	1.37808	0.0452
48	SS. Marie	Union ECDA	18.17670	0.5976	1.40580	0.0461
49	SS. Marie	Union EDA	23.81260	0.7829	1.91560	0.0628
50	SS. Marie	Union Parkway Belt	17.96834	0.5907	1.38693	0.0455
51	SS. Marie	Enbridge CDA	19.28751	0.6341	1.50626	0.0494
52	SS. Marie	Enbridge Parkway CDA	17.96834	0.5907	1.38693	0.0455
53	SS. Marie	Enbridge EDA	26.30312	0.8648	2.14090	0.0702
54	SS. Marie	KPUC EDA	23.47437	0.7718	1.88501	0.0618
55	SS. Marie	GMIT EDA	29.53245	0.9709	2.43301	0.0798
56	SS. Marie	Enbridge SWDA	13.85783	0.4556	1.01510	0.0333
57	SS. Marie	Union SWDA	13.79305	0.4535	1.00922	0.0331
58	SS. Marie	Chippawa	19.33740	0.6358	1.51077	0.0495
59	SS. Marie	Cornwall	26.47010	0.8703	2.15599	0.0707
60	SS. Marie	East Hereford	32.92361	1.0824	2.73980	0.0898
61	SS. Marie	Emerson 1	21.96418	0.7221	1.89497	0.0621
62	SS. Marie	Emerson 2	21.96418	0.7221	1.89497	0.0621
63	SS. Marie	Iroquois	25.89858	0.8515	2.10430	0.0690
64	SS. Marie	Kirkwall	17.27606	0.5680	1.32431	0.0434
65	SS. Marie	Napierville	29.25353	0.9618	2.40779	0.0789
66	SS. Marie	Niagara Falls	19.29390	0.6343	1.50685	0.0494
67	SS. Marie	North Bay Junction	22.79912	0.7496	1.97608	0.0648
68	SS. Marie	Philipsburg	29.56987	0.9722	2.43641	0.0799
69	SS. Marie	Spruce	24.35858	0.8008	2.12754	0.0698
70	SS. Marie	St. Clair	12.50368	0.4111	0.97605	0.0320
71	SS. Marie	Welwyn	28.91165	0.9505	2.56978	0.0843
72	SS. Marie	Dawn Export	13.85783	0.4556	1.01510	0.0333
73	St. Clair	Empress	66.65326	2.1913	4.27944	0.1403
74	St. Clair	TransGas SSDA	56.16285	1.8465	3.56840	0.1170
75	St. Clair	Centram SSDA	51.86650	1.7052	3.27715	0.1075
76	St. Clair	Centram MDA	45.36494	1.4915	2.83649	0.0930
77	St. Clair	Centrat MDA	45.34182	1.4907	2.83492	0.0930

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1	St. Clair	Union WDA	45.34456	1.4908	2.83511	0.0930
2	St. Clair	Nipigon WDA	41.18021	1.3539	2.55283	0.0837
3	St. Clair	Union NDA	22.98922	0.7558	1.31981	0.0433
4	St. Clair	Calstock NDA	33.18337	1.0910	2.01077	0.0659
5	St. Clair	Tunis NDA	26.88712	0.8840	1.58401	0.0519
6	St. Clair	GMIT NDA	22.20843	0.7301	1.26689	0.0415
7	St. Clair	Union SSMDA	18.17883	0.5977	0.99377	0.0326
8	St. Clair	Union NCDA	14.55438	0.4785	0.74805	0.0245
9	St. Clair	Union CDA	9.97332	0.3279	0.43756	0.0144
10	St. Clair	Union ECDA	10.38243	0.3413	0.46528	0.0153
11	St. Clair	Union EDA	17.90325	0.5886	0.97508	0.0320
12	St. Clair	Union Parkway Belt	10.10381	0.3322	0.44641	0.0146
13	St. Clair	Enbridge EDA	21.22688	0.6979	1.20033	0.0394
14	St. Clair	Enbridge CDA	11.86433	0.3901	0.56574	0.0186
15	St. Clair	Enbridge Parkway CDA	10.10381	0.3322	0.44641	0.0146
16	St. Clair	KPUC EDA	17.45217	0.5738	0.94449	0.0310
17	St. Clair	GMIT EDA	25.53662	0.8396	1.49248	0.0489
18	St. Clair	Enbridge SWDA	4.61816	0.1518	0.07458	0.0025
19	St. Clair	Union SWDA	4.53117	0.1490	0.06868	0.0023
20	St. Clair	Chippawa	11.93094	0.3923	0.57025	0.0187
21	St. Clair	Cornwall	21.45044	0.7052	1.21549	0.0399
22	St. Clair	East Hereford	30.06323	0.9884	1.79928	0.0590
23	St. Clair	Emerson 1	41.91082	1.3779	2.60234	0.0853
24	St. Clair	Emerson 2	41.91082	1.3779	2.60234	0.0853
25	St. Clair	Iroquois	20.42601	0.6715	1.14607	0.0376
26	St. Clair	Kirkwall	9.18005	0.3018	0.38379	0.0126
27	St. Clair	Napierville	25.16493	0.8273	1.46729	0.0481
28	St. Clair	Niagara Falls	11.87315	0.3904	0.56633	0.0186
29	St. Clair	North Bay Junction	18.79568	0.6179	1.03556	0.0340
30	St. Clair	Philipsburg	25.58741	0.8412	1.49590	0.0491
31	St. Clair	Spruce	45.34182	1.4907	2.83492	0.0930
32	St. Clair	St. Clair	4.04238	0.1329	0.03553	0.0012
33	St. Clair	Welwyn	51.86650	1.7052	3.27715	0.1075
34	St. Clair	Dawn Export	4.61816	0.1518	0.07458	0.0025
35	Steeleman	Empress	9.29868	0.3057	0.66475	0.0218
36	Steeleman	TransGas SSDA	3.85166	0.1266	0.13565	0.0045
37	Steeleman	Centram SSDA	6.66155	0.2190	0.40860	0.0134
38	Steeleman	Centram MDA	11.21493	0.3687	0.85089	0.0279
39	Steeleman	Centrat MDA	13.25315	0.4357	1.04883	0.0344
40	Steeleman	Union WDA	21.77225	0.7158	1.87634	0.0615
41	Steeleman	Nipigon WDA	24.28102	0.7983	2.12000	0.0695
42	Steeleman	Union NDA	36.97602	1.2157	3.35308	0.1099
43	Steeleman	Calstock NDA	29.86156	0.9818	2.66206	0.0873
44	Steeleman	Tunis NDA	34.25555	1.1262	3.08883	0.1013
45	Steeleman	GMIT NDA	37.87149	1.2451	3.44006	0.1128
46	Steeleman	Union SSMDA	32.93486	1.0828	2.96057	0.0971
47	Steeleman	Union NCDA	46.02346	1.5131	3.92479	0.1287
48	Steeleman	Union CDA	47.43266	1.5594	4.05226	0.1329
49	Steeleman	Union ECDA	47.73957	1.5695	4.07999	0.1338
50	Steeleman	Union EDA	51.51945	1.6938	4.42194	0.1450
51	Steeleman	Union Parkway Belt	47.53060	1.5627	4.06111	0.1332
52	Steeleman	Enbridge CDA	48.61526	1.5983	4.15921	0.1364
53	Steeleman	Enbridge Parkway CDA	47.53060	1.5627	4.06111	0.1332
54	Steeleman	Enbridge EDA	50.27845	1.6530	4.30968	0.1413
55	Steeleman	KPUC EDA	52.71208	1.7330	4.52983	0.1485
56	Steeleman	GMIT EDA	54.31565	1.7857	4.67489	0.1533
57	Steeleman	Enbridge SWDA	43.42010	1.4275	3.68928	0.1210
58	Steeleman	Union SWDA	43.35500	1.4254	3.68340	0.1208
59	Steeleman	Chippawa	48.89935	1.6077	4.18494	0.1372
60	Steeleman	Cornwall	51.25330	1.6850	4.39788	0.1442
61	Steeleman	East Hereford	57.70741	1.8972	4.98169	0.1633
62	Steeleman	Emerson 1	13.60933	0.4474	1.08341	0.0355
63	Steeleman	Emerson 2	13.60933	0.4474	1.08341	0.0355
64	Steeleman	Iroquois	50.65135	1.6653	4.34341	0.1424
65	Steeleman	Kirkwall	46.83832	1.5399	3.99849	0.1311
66	Steeleman	Napierville	54.03703	1.7766	4.64968	0.1525
67	Steeleman	Niagara Falls	48.85616	1.6062	4.18103	0.1371
68	Steeleman	North Bay Junction	39.90180	1.3118	3.63728	0.1193
69	Steeleman	Philipsburg	54.35337	1.7870	4.67830	0.1534
70	Steeleman	Spruce	13.25315	0.4357	1.04883	0.0344
71	Steeleman	St. Clair	40.03503	1.3162	3.65023	0.1197
72	Steeleman	Welwyn	6.66155	0.2190	0.40860	0.0134
73	Steeleman	Dawn Export	43.42010	1.4275	3.68928	0.1210
74	Success	Empress	5.10726	0.1679	0.25760	0.0085
75	Success	TransGas SSDA	7.89860	0.2597	0.52875	0.0173
76	Success	Centram SSDA	10.85328	0.3568	0.81575	0.0268
77	Success	Centram MDA	15.40604	0.5065	1.25797	0.0412

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1	Success	Centrat MDA	17.44457	0.5735	1.45596	0.0477
2	Success	Union WDA	25.96428	0.8536	2.28350	0.0749
3	Success	Nipigon WDA	28.47274	0.9361	2.52715	0.0829
4	Success	Union NDA	41.16744	1.3535	3.76020	0.1233
5	Success	Calstock NDA	34.05328	1.1196	3.06920	0.1006
6	Success	Tunis NDA	38.44697	1.2640	3.49596	0.1146
7	Success	GMIT NDA	42.06290	1.3829	3.84719	0.1261
8	Success	Union SSMDA	37.12628	1.2206	3.36770	0.1104
9	Success	Union NCDA	50.52421	1.6611	4.33192	0.1420
10	Success	Union CDA	51.93372	1.7074	4.45941	0.1462
11	Success	Union ECDA	52.23971	1.7175	4.48710	0.1471
12	Success	Union EDA	56.01929	1.8417	4.82899	0.1583
13	Success	Union Parkway Belt	52.03136	1.7106	4.46824	0.1465
14	Success	Enbridge CDA	53.11602	1.7463	4.56634	0.1497
15	Success	Enbridge Parkway CDA	52.03136	1.7106	4.46824	0.1465
16	Success	Enbridge EDA	54.77950	1.8010	4.71683	0.1547
17	Success	KPUC EDA	57.21314	1.8810	4.93698	0.1619
18	Success	GMIT EDA	58.81580	1.9337	5.08197	0.1666
19	Success	Enbridge SWDA	47.92085	1.5755	4.09641	0.1343
20	Success	Union SWDA	47.85576	1.5733	4.09051	0.1341
21	Success	Chippawa	53.40041	1.7556	4.59209	0.1506
22	Success	Cornwall	55.75436	1.8330	4.80503	0.1575
23	Success	East Hereford	62.20786	2.0452	5.38882	0.1767
24	Success	Emerson 1	17.80075	0.5852	1.49056	0.0489
25	Success	Emerson 2	17.80075	0.5852	1.49056	0.0489
26	Success	Iroquois	55.15211	1.8132	4.75055	0.1558
27	Success	Kirkwall	51.33908	1.6879	4.40562	0.1445
28	Success	Napierville	58.53809	1.9245	5.05683	0.1658
29	Success	Niagara Falls	53.35722	1.7542	4.58817	0.1504
30	Success	North Bay Junction	44.09352	1.4497	4.04441	0.1326
31	Success	Philipsburg	58.85412	1.9349	5.08544	0.1667
32	Success	Spruce	17.44457	0.5735	1.45596	0.0477
33	Success	St. Clair	44.22675	1.4540	4.05737	0.1330
34	Success	Welwyn	10.85328	0.3568	0.81575	0.0268
35	Success	Dawn Export	47.92085	1.5755	4.09641	0.1343
36	Suffield 2	Empress	2.85521	0.0939	0.03886	0.0013
37	Suffield 2	TransGas SSDA	10.10655	0.3323	0.74321	0.0244
38	Suffield 2	Centram SSDA	13.10533	0.4309	1.03449	0.0339
39	Suffield 2	Centram MDA	17.65779	0.5805	1.47668	0.0484
40	Suffield 2	Centrat MDA	19.69662	0.6476	1.67470	0.0549
41	Suffield 2	Union WDA	28.21602	0.9277	2.50222	0.0820
42	Suffield 2	Nipigon WDA	30.72479	1.0101	2.74589	0.0900
43	Suffield 2	Union NDA	43.41949	1.4275	3.97895	0.1305
44	Suffield 2	Calstock NDA	36.30503	1.1936	3.28794	0.1078
45	Suffield 2	Tunis NDA	40.69902	1.3381	3.71470	0.1218
46	Suffield 2	GMIT NDA	44.31495	1.4569	4.06593	0.1333
47	Suffield 2	Union SSMDA	39.37833	1.2946	3.58644	0.1176
48	Suffield 2	Union NCDA	52.94264	1.7406	4.55069	0.1492
49	Suffield 2	Union CDA	54.35185	1.7869	4.67815	0.1534
50	Suffield 2	Union ECDA	54.65784	1.7970	4.70585	0.1543
51	Suffield 2	Union EDA	58.43833	1.9213	5.04781	0.1655
52	Suffield 2	Union Parkway Belt	54.44948	1.7901	4.68698	0.1537
53	Suffield 2	Enbridge CDA	55.53414	1.8258	4.78510	0.1569
54	Suffield 2	Enbridge Parkway CDA	54.44948	1.7901	4.68698	0.1537
55	Suffield 2	Enbridge EDA	57.19793	1.8805	4.93560	0.1618
56	Suffield 2	KPUC EDA	59.63127	1.9605	5.15572	0.1690
57	Suffield 2	GMIT EDA	61.23483	2.0132	5.30076	0.1738
58	Suffield 2	Enbridge SWDA	50.33898	1.6550	4.31515	0.1415
59	Suffield 2	Union SWDA	50.27419	1.6529	4.30927	0.1413
60	Suffield 2	Chippawa	55.81854	1.8351	4.81083	0.1577
61	Suffield 2	Cornwall	58.17248	1.9125	5.02377	0.1647
62	Suffield 2	East Hereford	64.62599	2.1247	5.60756	0.1839
63	Suffield 2	Emerson 1	20.05249	0.6593	1.70930	0.0560
64	Suffield 2	Emerson 2	20.05249	0.6593	1.70930	0.0560
65	Suffield 2	Iroquois	57.57023	1.8927	4.96930	0.1629
66	Suffield 2	Kirkwall	53.75720	1.7674	4.62436	0.1516
67	Suffield 2	Napierville	60.95622	2.0040	5.27557	0.1730
68	Suffield 2	Niagara Falls	55.77535	1.8337	4.80692	0.1576
69	Suffield 2	North Bay Junction	46.34557	1.5237	4.26315	0.1398
70	Suffield 2	Philipsburg	61.27255	2.0144	5.30418	0.1739
71	Suffield 2	Spruce	19.69662	0.6476	1.67470	0.0549
72	Suffield 2	St. Clair	46.47880	1.5281	4.27612	0.1402
73	Suffield 2	Welwyn	13.10533	0.4309	1.03449	0.0339
74	Suffield 2	Dawn Export	50.33898	1.6550	4.31515	0.1415
75	TransGas SSDA	Empress	-	0.3334	-	0.0245
76	TransGas SSDA	TransGas SSDA	-	0.0927	-	0.0012
77	TransGas SSDA	Centram SSDA	-	0.1913	-	0.0107

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1	TransGas SSDA	Centram MDA	-	0.3410	-	0.0252
2	TransGas SSDA	Centrat MDA	-	0.4080	-	0.0317
3	TransGas SSDA	Union WDA	-	0.6881	-	0.0588
4	TransGas SSDA	Nipigon WDA	-	0.7706	-	0.0668
5	TransGas SSDA	Union NDA	-	1.1879	-	0.1073
6	TransGas SSDA	Calstock NDA	-	0.9541	-	0.0846
7	TransGas SSDA	Tunis NDA	-	1.0985	-	0.0986
8	TransGas SSDA	GMIT NDA	-	1.2174	-	0.1101
9	TransGas SSDA	Union SSMDA	-	1.0551	-	0.0944
10	TransGas SSDA	Union NCDA	-	1.4834	-	0.1260
11	TransGas SSDA	Union CDA	-	1.5297	-	0.1302
12	TransGas SSDA	Union ECDA	-	1.5398	-	0.1311
13	TransGas SSDA	Union EDA	-	1.6641	-	0.1423
14	TransGas SSDA	Union Parkway Belt	-	1.5329	-	0.1305
15	TransGas SSDA	Enbridge CDA	-	1.5685	-	0.1337
16	TransGas SSDA	Enbridge Parkway CDA	-	1.5329	-	0.1305
17	TransGas SSDA	Enbridge EDA	-	1.6233	-	0.1386
18	TransGas SSDA	KPUC EDA	-	1.7033	-	0.1458
19	TransGas SSDA	GMIT EDA	-	1.7559	-	0.1506
20	TransGas SSDA	Enbridge SWDA	-	1.3978	-	0.1183
21	TransGas SSDA	Union SWDA	-	1.3957	-	0.1181
22	TransGas SSDA	Chippawa	-	1.5779	-	0.1345
23	TransGas SSDA	Cornwall	-	1.6553	-	0.1415
24	TransGas SSDA	East Hereford	-	1.8675	-	0.1607
25	TransGas SSDA	Emerson 1	-	0.4197	-	0.0328
26	TransGas SSDA	Emerson 2	-	0.4197	-	0.0328
27	TransGas SSDA	Iroquois	-	1.6355	-	0.1397
28	TransGas SSDA	Kirkwall	-	1.5102	-	0.1284
29	TransGas SSDA	Napierville	-	1.7468	-	0.1498
30	TransGas SSDA	Niagara Falls	-	1.5765	-	0.1344
31	TransGas SSDA	North Bay Junction	-	1.2842	-	0.1166
32	TransGas SSDA	Philipsburg	-	1.7572	-	0.1507
33	TransGas SSDA	Spruce	-	0.4080	-	0.0317
34	TransGas SSDA	St. Clair	-	1.2885	-	0.1170
35	TransGas SSDA	Welwyn	-	0.1913	-	0.0107
36	TransGas SSDA	Dawn Export	-	1.3978	-	0.1183
37	Tunis NDA	Empress	-	1.3392	-	0.1219
38	Tunis NDA	TransGas SSDA	-	1.0985	-	0.0986
39	Tunis NDA	Centram SSDA	-	0.9999	-	0.0890
40	Tunis NDA	Centram MDA	-	0.8517	-	0.0747
41	Tunis NDA	Centrat MDA	-	0.7832	-	0.0681
42	Tunis NDA	Union WDA	-	0.5262	-	0.0432
43	Tunis NDA	Nipigon WDA	-	0.4207	-	0.0329
44	Tunis NDA	Union NDA	-	0.1989	-	0.0115
45	Tunis NDA	Calstock NDA	-	0.2372	-	0.0152
46	Tunis NDA	Tunis NDA	-	0.0927	-	0.0012
47	Tunis NDA	GMIT NDA	-	0.2116	-	0.0127
48	Tunis NDA	Union SSMDA	-	0.9412	-	0.0834
49	Tunis NDA	Union NCDA	-	0.4034	-	0.0286
50	Tunis NDA	Union CDA	-	0.5494	-	0.0417
51	Tunis NDA	Union ECDA	-	0.5199	-	0.0391
52	Tunis NDA	Union EDA	-	0.5862	-	0.0451
53	Tunis NDA	Union Parkway Belt	-	0.5130	-	0.0385
54	Tunis NDA	Enbridge CDA	-	0.5089	-	0.0381
55	Tunis NDA	Enbridge Parkway CDA	-	0.5130	-	0.0385
56	Tunis NDA	Enbridge EDA	-	0.5437	-	0.0412
57	Tunis NDA	KPUC EDA	-	0.6233	-	0.0484
58	Tunis NDA	GMIT EDA	-	0.6760	-	0.0532
59	Tunis NDA	Enbridge SWDA	-	0.6482	-	0.0507
60	Tunis NDA	Union SWDA	-	0.6503	-	0.0509
61	Tunis NDA	Chippawa	-	0.5935	-	0.0457
62	Tunis NDA	Cornwall	-	0.5754	-	0.0441
63	Tunis NDA	East Hereford	-	0.7875	-	0.0632
64	Tunis NDA	Emerson 1	-	0.8620	-	0.0757
65	Tunis NDA	Emerson 2	-	0.8620	-	0.0757
66	Tunis NDA	Iroquois	-	0.5556	-	0.0423
67	Tunis NDA	Kirkwall	-	0.5358	-	0.0405
68	Tunis NDA	Napierville	-	0.6669	-	0.0523
69	Tunis NDA	Niagara Falls	-	0.5921	-	0.0456
70	Tunis NDA	North Bay Junction	-	0.2784	-	0.0192
71	Tunis NDA	Philipsburg	-	0.6773	-	0.0533
72	Tunis NDA	Spruce	-	0.7832	-	0.0681
73	Tunis NDA	St. Clair	-	0.6169	-	0.0519
74	Tunis NDA	Welwyn	-	0.9999	-	0.0890
75	Tunis NDA	Dawn Export	-	0.6482	-	0.0507
76	Union CDA	Empress	-	2.3863	-	0.1535
77	Union CDA	TransGas SSDA	-	2.0415	-	0.1302

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 CDA	Centram SSDA	-	1.9002	-	0.1206
2	Union CDA	Centram MDA	-	1.6865	-	0.1062
3	Union CDA	Centrat MDA	-	1.6857	-	0.1061
4	Union CDA	Union WDA	-	1.3543	-	0.0837
5	Union CDA	Nipigon WDA	-	1.2031	-	0.0735
6	Union CDA	Union NDA	-	0.6051	-	0.0331
7	Union CDA	Calstock NDA	-	0.9402	-	0.0557
8	Union CDA	Tunis NDA	-	0.7332	-	0.0417
9	Union CDA	GMIT NDA	-	0.5794	-	0.0313
10	Union CDA	Union SSMDA	-	0.7927	-	0.0458
11	Union CDA	Union NCDA	-	0.3277	-	0.0143
12	Union CDA	Union CDA	-	0.1329	-	0.0012
13	Union CDA	Union ECDA	-	0.1753	-	0.0040
14	Union CDA	Union EDA	-	0.4378	-	0.0218
15	Union CDA	Union Parkway Belt	-	0.1814	-	0.0044
16	Union CDA	Enbridge CDA	-	0.2313	-	0.0078
17	Union CDA	Enbridge Parkway CDA	-	0.1814	-	0.0044
18	Union CDA	Enbridge EDA	-	0.5471	-	0.0292
19	Union CDA	KPUC EDA	-	0.4230	-	0.0208
20	Union CDA	GMIT EDA	-	0.6888	-	0.0387
21	Union CDA	Enbridge SWDA	-	0.3090	-	0.0131
22	Union CDA	Union SWDA	-	0.3118	-	0.0133
23	Union CDA	Chippawa	-	0.1972	-	0.0055
24	Union CDA	Cornwall	-	0.5544	-	0.0297
25	Union CDA	East Hereford	-	0.8376	-	0.0488
26	Union CDA	Emerson 1	-	1.5729	-	0.0985
27	Union CDA	Emerson 2	-	1.5729	-	0.0985
28	Union CDA	Iroquois	-	0.5208	-	0.0274
29	Union CDA	Kirkwall	-	0.1590	-	0.0029
30	Union CDA	Napierville	-	0.6766	-	0.0379
31	Union CDA	Niagara Falls	-	0.1954	-	0.0054
32	Union CDA	North Bay Junction	-	0.4672	-	0.0238
33	Union CDA	Philipsburg	-	0.6904	-	0.0389
34	Union CDA	Spruce	-	1.6857	-	0.1061
35	Union CDA	St. Clair	-	0.3279	-	0.0144
36	Union CDA	Welwyn	-	1.9002	-	0.1206
37	Union CDA	Dawn Export	-	0.3090	-	0.0131
38	Union ECDA	Empress	-	2.3998	-	0.1544
39	Union ECDA	TransGas SSDA	-	2.0549	-	0.1311
40	Union ECDA	Centram SSDA	-	1.9136	-	0.1215
41	Union ECDA	Centram MDA	-	1.6999	-	0.1071
42	Union ECDA	Centrat MDA	-	1.6833	-	0.1060
43	Union ECDA	Union WDA	-	1.3150	-	0.0811
44	Union ECDA	Nipigon WDA	-	1.1637	-	0.0709
45	Union ECDA	Union NDA	-	0.5656	-	0.0304
46	Union ECDA	Calstock NDA	-	0.9008	-	0.0531
47	Union ECDA	Tunis NDA	-	0.6938	-	0.0391
48	Union ECDA	GMIT NDA	-	0.5400	-	0.0287
49	Union ECDA	Union SSMDA	-	0.8061	-	0.0467
50	Union ECDA	Union NCDA	-	0.2883	-	0.0117
51	Union ECDA	Union CDA	-	0.1753	-	0.0040
52	Union ECDA	Union ECDA	-	0.1329	-	0.0012
53	Union ECDA	Union EDA	-	0.3985	-	0.0191
54	Union ECDA	Union Parkway Belt	-	0.1421	-	0.0018
55	Union ECDA	Enbridge CDA	-	0.2050	-	0.0060
56	Union ECDA	Enbridge Parkway CDA	-	0.1421	-	0.0018
57	Union ECDA	Enbridge EDA	-	0.5077	-	0.0265
58	Union ECDA	KPUC EDA	-	0.3836	-	0.0181
59	Union ECDA	GMIT EDA	-	0.6494	-	0.0361
60	Union ECDA	Enbridge SWDA	-	0.3224	-	0.0140
61	Union ECDA	Union SWDA	-	0.3253	-	0.0142
62	Union ECDA	Chippawa	-	0.2311	-	0.0078
63	Union ECDA	Cornwall	-	0.5151	-	0.0270
64	Union ECDA	East Hereford	-	0.7982	-	0.0461
65	Union ECDA	Emerson 1	-	1.5863	-	0.0994
66	Union ECDA	Emerson 2	-	1.5863	-	0.0994
67	Union ECDA	Iroquois	-	0.4814	-	0.0247
68	Union ECDA	Kirkwall	-	0.1724	-	0.0038
69	Union ECDA	Napierville	-	0.6372	-	0.0353
70	Union ECDA	Niagara Falls	-	0.2292	-	0.0077
71	Union ECDA	North Bay Junction	-	0.4278	-	0.0211
72	Union ECDA	Philipsburg	-	0.6511	-	0.0362
73	Union ECDA	Spruce	-	1.6833	-	0.1060
74	Union ECDA	St. Clair	-	0.3413	-	0.0153
75	Union ECDA	Welwyn	-	1.9136	-	0.1215
76	Union ECDA	Dawn Export	-	0.3224	-	0.0140
77	Union Dawn	Empress	67.22905	2.2103	4.31850	0.1416

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 Dawn	TransGas SSDA	56.73986	1.8654	3.60750	0.1183
2	Union Dawn	Centram SSDA	52.44229	1.7241	3.31621	0.1087
3	Union Dawn	Centram MDA	45.94133	1.5104	2.87555	0.0943
4	Union Dawn	Centrat MDA	45.91822	1.5096	2.87397	0.0942
5	Union Dawn	Union WDA	44.86702	1.4751	2.80273	0.0919
6	Union Dawn	Nipigon WDA	40.60412	1.3349	2.51378	0.0824
7	Union Dawn	Union NDA	22.41374	0.7369	1.28078	0.0420
8	Union Dawn	Calstock NDA	32.60697	1.0720	1.97172	0.0647
9	Union Dawn	Tunis NDA	26.31072	0.8650	1.54495	0.0507
10	Union Dawn	GMIT NDA	21.63264	0.7112	1.22783	0.0403
11	Union Dawn	Union SSMDA	18.75522	0.6166	1.03282	0.0339
12	Union Dawn	Union NCDA	13.97828	0.4596	0.70901	0.0233
13	Union Dawn	Union CDA	9.39753	0.3090	0.39853	0.0131
14	Union Dawn	Union ECDA	9.80664	0.3224	0.42624	0.0140
15	Union Dawn	Union EDA	17.32685	0.5697	0.93601	0.0307
16	Union Dawn	Union Parkway Belt	9.52802	0.3133	0.40736	0.0134
17	Union Dawn	Enbridge CDA	11.28793	0.3711	0.52667	0.0173
18	Union Dawn	Enbridge Parkway CDA	9.52802	0.3133	0.40736	0.0134
19	Union Dawn	Enbridge EDA	20.65048	0.6789	1.16129	0.0381
20	Union Dawn	KPUC EDA	16.87578	0.5548	0.90543	0.0297
21	Union Dawn	GMIT EDA	24.96083	0.8206	1.45344	0.0477
22	Union Dawn	Enbridge SWDA	4.04238	0.1329	0.03553	0.0012
23	Union Dawn	Union SWDA	4.12876	0.1357	0.04141	0.0014
24	Union Dawn	Chippawa	11.35454	0.3733	0.53119	0.0174
25	Union Dawn	Cornwall	20.87405	0.6863	1.17644	0.0386
26	Union Dawn	East Hereford	29.48683	0.9694	1.76022	0.0577
27	Union Dawn	Emerson 1	42.48691	1.3968	2.64140	0.0866
28	Union Dawn	Emerson 2	42.48691	1.3968	2.64140	0.0866
29	Union Dawn	Iroquois	19.84992	0.6526	1.10701	0.0363
30	Union Dawn	Kirkwall	8.60427	0.2829	0.34474	0.0113
31	Union Dawn	Napierville	24.58883	0.8084	1.42823	0.0468
32	Union Dawn	Niagara Falls	11.29705	0.3714	0.52728	0.0173
33	Union Dawn	North Bay Junction	18.21958	0.5990	0.99650	0.0327
34	Union Dawn	Philipsburg	25.01102	0.8223	1.45685	0.0478
35	Union Dawn	Spruce	45.91822	1.5096	2.87397	0.0942
36	Union Dawn	St. Clair	4.61816	0.1518	0.07458	0.0025
37	Union Dawn	Welwyn	52.44229	1.7241	3.31621	0.1087
38	Union Dawn	Dawn Export	4.04238	0.1329	0.03553	0.0012
39	Union EDA	Empress	-	2.5656	-	0.1656
40	Union EDA	TransGas SSDA	-	2.2208	-	0.1423
41	Union EDA	Centram SSDA	-	2.0795	-	0.1328
42	Union EDA	Centram MDA	-	1.8658	-	0.1183
43	Union EDA	Centrat MDA	-	1.7718	-	0.1120
44	Union EDA	Union WDA	-	1.4034	-	0.0870
45	Union EDA	Nipigon WDA	-	1.2522	-	0.0768
46	Union EDA	Union NDA	-	0.6542	-	0.0364
47	Union EDA	Calstock NDA	-	0.9893	-	0.0591
48	Union EDA	Tunis NDA	-	0.7823	-	0.0451
49	Union EDA	GMIT NDA	-	0.6285	-	0.0347
50	Union EDA	Union SSMDA	-	1.0534	-	0.0634
51	Union EDA	Union NCDA	-	0.4582	-	0.0232
52	Union EDA	Union CDA	-	0.4378	-	0.0218
53	Union EDA	Union ECDA	-	0.3985	-	0.0191
54	Union EDA	Union EDA	-	0.1329	-	0.0012
55	Union EDA	Union Parkway Belt	-	0.3893	-	0.0185
56	Union EDA	Enbridge CDA	-	0.3656	-	0.0169
57	Union EDA	Enbridge Parkway CDA	-	0.3893	-	0.0185
58	Union EDA	Enbridge EDA	-	0.2733	-	0.0107
59	Union EDA	KPUC EDA	-	0.1971	-	0.0055
60	Union EDA	GMIT EDA	-	0.3848	-	0.0182
61	Union EDA	Enbridge SWDA	-	0.5697	-	0.0307
62	Union EDA	Union SWDA	-	0.5725	-	0.0309
63	Union EDA	Chippawa	-	0.4967	-	0.0258
64	Union EDA	Cornwall	-	0.2508	-	0.0091
65	Union EDA	East Hereford	-	0.5340	-	0.0283
66	Union EDA	Emerson 1	-	1.8103	-	0.1146
67	Union EDA	Emerson 2	-	1.8103	-	0.1146
68	Union EDA	Iroquois	-	0.2222	-	0.0072
69	Union EDA	Kirkwall	-	0.4197	-	0.0206
70	Union EDA	Napierville	-	0.3730	-	0.0174
71	Union EDA	Niagara Falls	-	0.4948	-	0.0256
72	Union EDA	North Bay Junction	-	0.5163	-	0.0271
73	Union EDA	Philipsburg	-	0.3868	-	0.0183
74	Union EDA	Spruce	-	1.7718	-	0.1120
75	Union EDA	St. Clair	-	0.5886	-	0.0320
76	Union EDA	Welwyn	-	2.0795	-	0.1328
77	Union EDA	Dawn Export	-	0.5697	-	0.0307



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 NCDA	Empress	-	2.3245	-	0.1493
2	Union NCDA	TransGas SSDA	-	1.9797	-	0.1260
3	Union NCDA	Centram SSDA	-	1.8384	-	0.1165
4	Union NCDA	Centram MDA	-	1.6259	-	0.1021
5	Union NCDA	Centrat MDA	-	1.5278	-	0.0955
6	Union NCDA	Union WDA	-	1.1595	-	0.0706
7	Union NCDA	Nipigon WDA	-	1.0083	-	0.0603
8	Union NCDA	Union NDA	-	0.4100	-	0.0199
9	Union NCDA	Calstock NDA	-	0.7454	-	0.0426
10	Union NCDA	Tunis NDA	-	0.5384	-	0.0286
11	Union NCDA	GMIT NDA	-	0.3845	-	0.0182
12	Union NCDA	Union SSMDA	-	0.9433	-	0.0559
13	Union NCDA	Union NCDA	-	0.1329	-	0.0012
14	Union NCDA	Union CDA	-	0.3277	-	0.0143
15	Union NCDA	Union ECDA	-	0.2883	-	0.0117
16	Union NCDA	Union EDA	-	0.4582	-	0.0232
17	Union NCDA	Union Parkway Belt	-	0.2792	-	0.0111
18	Union NCDA	Enbridge CDA	-	0.2737	-	0.0107
19	Union NCDA	Enbridge Parkway CDA	-	0.2792	-	0.0111
20	Union NCDA	Enbridge EDA	-	0.5343	-	0.0283
21	Union NCDA	KPUC EDA	-	0.4468	-	0.0224
22	Union NCDA	GMIT EDA	-	0.7027	-	0.0397
23	Union NCDA	Enbridge SWDA	-	0.4596	-	0.0233
24	Union NCDA	Union SWDA	-	0.4624	-	0.0234
25	Union NCDA	Chippawa	-	0.3866	-	0.0183
26	Union NCDA	Cornwall	-	0.5684	-	0.0306
27	Union NCDA	East Hereford	-	0.8516	-	0.0498
28	Union NCDA	Emerson 1	-	1.6405	-	0.1031
29	Union NCDA	Emerson 2	-	1.6405	-	0.1031
30	Union NCDA	Iroquois	-	0.5366	-	0.0285
31	Union NCDA	Kirkwall	-	0.3096	-	0.0131
32	Union NCDA	Napierville	-	0.6905	-	0.0389
33	Union NCDA	Niagara Falls	-	0.3847	-	0.0182
34	Union NCDA	North Bay Junction	-	0.2724	-	0.0106
35	Union NCDA	Philipsburg	-	0.7044	-	0.0398
36	Union NCDA	Spruce	-	1.5278	-	0.0955
37	Union NCDA	St. Clair	-	0.4785	-	0.0245
38	Union NCDA	Welwyn	-	1.8384	-	0.1165
39	Union NCDA	Dawn Export	-	0.4596	-	0.0233
40	Union NDA	Empress	-	1.4286	-	0.1306
41	Union NDA	TransGas SSDA	-	1.1879	-	0.1073
42	Union NDA	Centram SSDA	-	1.0893	-	0.0977
43	Union NDA	Centram MDA	-	0.9409	-	0.0833
44	Union NDA	Centrat MDA	-	0.8727	-	0.0767
45	Union NDA	Union WDA	-	0.6155	-	0.0518
46	Union NDA	Nipigon WDA	-	0.5101	-	0.0416
47	Union NDA	Union NDA	-	0.0927	-	0.0012
48	Union NDA	Calstock NDA	-	0.3266	-	0.0238
49	Union NDA	Tunis NDA	-	0.1989	-	0.0115
50	Union NDA	GMIT NDA	-	0.1848	-	0.0101
51	Union NDA	Union SSMDA	-	0.8518	-	0.0747
52	Union NDA	Union NCDA	-	0.3072	-	0.0199
53	Union NDA	Union CDA	-	0.4534	-	0.0331
54	Union NDA	Union ECDA	-	0.4238	-	0.0304
55	Union NDA	Union EDA	-	0.4902	-	0.0364
56	Union NDA	Union Parkway Belt	-	0.4170	-	0.0298
57	Union NDA	Enbridge CDA	-	0.4128	-	0.0294
58	Union NDA	Enbridge Parkway CDA	-	0.4170	-	0.0298
59	Union NDA	Enbridge EDA	-	0.4480	-	0.0326
60	Union NDA	KPUC EDA	-	0.5277	-	0.0398
61	Union NDA	GMIT EDA	-	0.5801	-	0.0445
62	Union NDA	Enbridge SWDA	-	0.5522	-	0.0420
63	Union NDA	Union SWDA	-	0.5543	-	0.0422
64	Union NDA	Chippawa	-	0.4975	-	0.0371
65	Union NDA	Cornwall	-	0.4798	-	0.0355
66	Union NDA	East Hereford	-	0.6919	-	0.0546
67	Union NDA	Emerson 1	-	0.9514	-	0.0843
68	Union NDA	Emerson 2	-	0.9514	-	0.0843
69	Union NDA	Iroquois	-	0.4600	-	0.0337
70	Union NDA	Kirkwall	-	0.4398	-	0.0319
71	Union NDA	Napierville	-	0.5713	-	0.0437
72	Union NDA	Niagara Falls	-	0.4961	-	0.0369
73	Union NDA	North Bay Junction	-	0.1893	-	0.0105
74	Union NDA	Philipsburg	-	0.5817	-	0.0447
75	Union NDA	Spruce	-	0.8727	-	0.0767
76	Union NDA	St. Clair	-	0.5274	-	0.0433
77	Union NDA	Welwyn	-	1.0893	-	0.0977

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	Dawn Export	-	0.5522	-	0.0420
2	Union Parkway Belt	Empress	72.71500	2.3906	4.69033	0.1538
3	Union Parkway Belt	TransGas SSDA	62.22550	2.0458	3.97933	0.1305
4	Union Parkway Belt	Centram SSDA	57.92793	1.9045	3.68804	0.1209
5	Union Parkway Belt	Centram MDA	51.42698	1.6908	3.24739	0.1065
6	Union Parkway Belt	Centrat MDA	50.92176	1.6741	3.21314	0.1054
7	Union Parkway Belt	Union WDA	39.71839	1.3058	2.45373	0.0805
8	Union Parkway Belt	Nipigon WDA	35.11878	1.1546	2.14195	0.0702
9	Union Parkway Belt	Union NDA	16.92748	0.5565	0.90892	0.0298
10	Union Parkway Belt	Calstock NDA	27.12102	0.8917	1.59989	0.0525
11	Union Parkway Belt	Tunis NDA	20.82538	0.6847	1.17313	0.0385
12	Union Parkway Belt	GMIT NDA	16.14638	0.5308	0.85599	0.0281
13	Union Parkway Belt	Union SSMDA	24.24117	0.7970	1.40465	0.0461
14	Union Parkway Belt	Union NCDA	8.49264	0.2792	0.33718	0.0111
15	Union Parkway Belt	Union CDA	5.51758	0.1814	0.13553	0.0044
16	Union Parkway Belt	Union ECDA	4.32069	0.1421	0.05441	0.0018
17	Union Parkway Belt	Union EDA	11.84212	0.3893	0.56423	0.0185
18	Union Parkway Belt	Union Parkway Belt	4.04238	0.1329	0.03553	0.0012
19	Union Parkway Belt	Enbridge CDA	6.05839	0.1992	0.17218	0.0057
20	Union Parkway Belt	Enbridge Parkway CDA	4.04238	0.1329	0.03553	0.0012
21	Union Parkway Belt	Enbridge EDA	15.16514	0.4986	0.78946	0.0259
22	Union Parkway Belt	KPUC EDA	11.39043	0.3745	0.53360	0.0175
23	Union Parkway Belt	GMIT EDA	19.47488	0.6403	1.08161	0.0355
24	Union Parkway Belt	Enbridge SWDA	9.52802	0.3133	0.40736	0.0134
25	Union Parkway Belt	Union SWDA	9.61501	0.3161	0.41326	0.0136
26	Union Parkway Belt	Chippawa	7.30852	0.2403	0.25694	0.0084
27	Union Parkway Belt	Cornwall	15.38840	0.5059	0.80461	0.0264
28	Union Parkway Belt	East Hereford	24.00088	0.7891	1.38839	0.0455
29	Union Parkway Belt	Emerson 1	47.97256	1.5772	3.01323	0.0988
30	Union Parkway Belt	Emerson 2	47.97256	1.5772	3.01323	0.0988
31	Union Parkway Belt	Iroquois	14.36427	0.4723	0.73518	0.0241
32	Union Parkway Belt	Kirkwall	4.96613	0.1633	0.09815	0.0032
33	Union Parkway Belt	Napierville	19.10349	0.6281	1.05640	0.0346
34	Union Parkway Belt	Niagara Falls	7.25103	0.2384	0.25303	0.0083
35	Union Parkway Belt	North Bay Junction	12.73394	0.4187	0.62467	0.0205
36	Union Parkway Belt	Philipsburg	19.52568	0.6419	1.08502	0.0356
37	Union Parkway Belt	Spruce	50.92176	1.6741	3.21314	0.1054
38	Union Parkway Belt	St. Clair	10.10381	0.3322	0.44641	0.0146
39	Union Parkway Belt	Welwyn	57.92793	1.9045	3.68804	0.1209
40	Union Parkway Belt	Dawn Export	9.52802	0.3133	0.40736	0.0134
41	Union SSMDA	Empress	-	1.2958	-	0.1177
42	Union SSMDA	TransGas SSDA	-	1.0551	-	0.0944
43	Union SSMDA	Centram SSDA	-	0.9565	-	0.0848
44	Union SSMDA	Centram MDA	-	0.8074	-	0.0704
45	Union SSMDA	Centrat MDA	-	0.8068	-	0.0703
46	Union SSMDA	Union WDA	-	1.0857	-	0.0974
47	Union SSMDA	Nipigon WDA	-	1.1694	-	0.1055
48	Union SSMDA	Union NDA	-	0.8518	-	0.0747
49	Union SSMDA	Calstock NDA	-	1.0856	-	0.0973
50	Union SSMDA	Tunis NDA	-	0.9412	-	0.0834
51	Union SSMDA	GMIT NDA	-	0.8339	-	0.0730
52	Union SSMDA	Union SSMDA	-	0.0927	-	0.0012
53	Union SSMDA	Union NCDA	-	0.7068	-	0.0559
54	Union SSMDA	Union CDA	-	0.5940	-	0.0458
55	Union SSMDA	Union ECDA	-	0.6040	-	0.0467
56	Union SSMDA	Union EDA	-	0.7893	-	0.0634
57	Union SSMDA	Union Parkway Belt	-	0.5972	-	0.0461
58	Union SSMDA	Enbridge CDA	-	0.6405	-	0.0500
59	Union SSMDA	Enbridge Parkway CDA	-	0.5972	-	0.0461
60	Union SSMDA	Enbridge EDA	-	0.8712	-	0.0708
61	Union SSMDA	KPUC EDA	-	0.7782	-	0.0624
62	Union SSMDA	GMIT EDA	-	0.9773	-	0.0804
63	Union SSMDA	Enbridge SWDA	-	0.4620	-	0.0339
64	Union SSMDA	Union SWDA	-	0.4599	-	0.0337
65	Union SSMDA	Chippawa	-	0.6422	-	0.0501
66	Union SSMDA	Cornwall	-	0.8767	-	0.0713
67	Union SSMDA	East Hereford	-	1.0889	-	0.0904
68	Union SSMDA	Emerson 1	-	0.7281	-	0.0627
69	Union SSMDA	Emerson 2	-	0.7281	-	0.0627
70	Union SSMDA	Iroquois	-	0.8515	-	0.0690
71	Union SSMDA	Kirkwall	-	0.5744	-	0.0440
72	Union SSMDA	Napierville	-	0.9682	-	0.0795
73	Union SSMDA	Niagara Falls	-	0.6408	-	0.0500
74	Union SSMDA	North Bay Junction	-	0.7556	-	0.0654
75	Union SSMDA	Philipsburg	-	0.9786	-	0.0805
76	Union SSMDA	Spruce	-	0.8068	-	0.0703
77	Union SSMDA	St. Clair	-	0.4171	-	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	Union SSMDA	Welwyn	-	0.9565	-	0.0848
2	Union SSMDA	Dawn Export	-	0.4620	-	0.0339
3	Union WDA	Empress	-	0.9288	-	0.0822
4	Union WDA	TransGas SSDA	-	0.6881	-	0.0588
5	Union WDA	Centram SSDA	-	0.5895	-	0.0493
6	Union WDA	Centram MDA	-	0.4412	-	0.0349
7	Union WDA	Centrat MDA	-	0.3728	-	0.0283
8	Union WDA	Union WDA	-	0.0927	-	0.0012
9	Union WDA	Nipigon WDA	-	0.2022	-	0.0118
10	Union WDA	Union NDA	-	0.6155	-	0.0518
11	Union WDA	Calstock NDA	-	0.3817	-	0.0292
12	Union WDA	Tunis NDA	-	0.5262	-	0.0432
13	Union WDA	GMIT NDA	-	0.6451	-	0.0547
14	Union WDA	Union SSMDA	-	1.0857	-	0.0974
15	Union WDA	Union NCDA	-	0.8689	-	0.0706
16	Union WDA	Union CDA	-	1.0148	-	0.0837
17	Union WDA	Union ECDA	-	0.9853	-	0.0811
18	Union WDA	Union EDA	-	1.0516	-	0.0870
19	Union WDA	Union Parkway Belt	-	0.9785	-	0.0805
20	Union WDA	Enbridge CDA	-	0.9744	-	0.0801
21	Union WDA	Enbridge Parkway CDA	-	0.9785	-	0.0805
22	Union WDA	Enbridge EDA	-	1.0091	-	0.0832
23	Union WDA	KPUC EDA	-	1.0887	-	0.0904
24	Union WDA	GMIT EDA	-	1.1414	-	0.0952
25	Union WDA	Enbridge SWDA	-	1.1053	-	0.0919
26	Union WDA	Union SWDA	-	1.1071	-	0.0921
27	Union WDA	Chippawa	-	1.0589	-	0.0877
28	Union WDA	Cornwall	-	1.0408	-	0.0861
29	Union WDA	East Hereford	-	1.2529	-	0.1052
30	Union WDA	Emerson 1	-	0.4516	-	0.0359
31	Union WDA	Emerson 2	-	0.4516	-	0.0359
32	Union WDA	Iroquois	-	1.0210	-	0.0843
33	Union WDA	Kirkwall	-	1.0012	-	0.0825
34	Union WDA	Napierville	-	1.1323	-	0.0943
35	Union WDA	Niagara Falls	-	1.0575	-	0.0876
36	Union WDA	North Bay Junction	-	0.7118	-	0.0611
37	Union WDA	Philipsburg	-	1.1427	-	0.0953
38	Union WDA	Spruce	-	0.3728	-	0.0283
39	Union WDA	St. Clair	-	1.0403	-	0.0930
40	Union WDA	Welwyn	-	0.5895	-	0.0493
41	Union WDA	Dawn Export	-	1.1053	-	0.0919
42	Welwyn	Empress	13.13970	0.4320	1.03782	0.0340
43	Welwyn	TransGas SSDA	5.81993	0.1913	0.32684	0.0107
44	Welwyn	Centram SSDA	2.82084	0.0927	0.03553	0.0012
45	Welwyn	Centram MDA	7.37361	0.2424	0.47777	0.0157
46	Welwyn	Centrat MDA	9.41213	0.3094	0.67576	0.0222
47	Welwyn	Union WDA	17.93093	0.5895	1.50323	0.0493
48	Welwyn	Nipigon WDA	20.44000	0.6720	1.74693	0.0573
49	Welwyn	Union NDA	33.13409	1.0893	2.97994	0.0977
50	Welwyn	Calstock NDA	26.02055	0.8555	2.28899	0.0751
51	Welwyn	Tunis NDA	30.41423	0.9999	2.71575	0.0890
52	Welwyn	GMIT NDA	34.03047	1.1188	3.06698	0.1006
53	Welwyn	Union SSMDA	29.09385	0.9565	2.58750	0.0848
54	Welwyn	Union NCDA	41.89957	1.3775	3.55171	0.1165
55	Welwyn	Union CDA	43.30847	1.4238	3.67920	0.1206
56	Welwyn	Union ECDA	43.61507	1.4339	3.70690	0.1215
57	Welwyn	Union EDA	47.39495	1.5582	4.04884	0.1328
58	Welwyn	Union Parkway Belt	43.40641	1.4271	3.68804	0.1209
59	Welwyn	Enbridge CDA	44.49076	1.4627	3.78614	0.1241
60	Welwyn	Enbridge Parkway CDA	43.40641	1.4271	3.68804	0.1209
61	Welwyn	Enbridge EDA	46.15395	1.5174	3.93659	0.1291
62	Welwyn	KPUC EDA	48.58789	1.5974	4.15676	0.1363
63	Welwyn	GMIT EDA	50.19145	1.6501	4.30181	0.1410
64	Welwyn	Enbridge SWDA	39.29590	1.2919	3.31621	0.1087
65	Welwyn	Union SWDA	39.23050	1.2898	3.31031	0.1085
66	Welwyn	Chippawa	44.77546	1.4721	3.81187	0.1250
67	Welwyn	Cornwall	47.12941	1.5495	4.02481	0.1320
68	Welwyn	East Hereford	53.58322	1.7616	4.60861	0.1511
69	Welwyn	Emerson 1	9.76801	0.3211	0.71034	0.0233
70	Welwyn	Emerson 2	9.76801	0.3211	0.71034	0.0233
71	Welwyn	Iroquois	46.52716	1.5297	3.97033	0.1302
72	Welwyn	Kirkwall	42.71413	1.4043	3.62541	0.1189
73	Welwyn	Napierville	49.91284	1.6410	4.27661	0.1402
74	Welwyn	Niagara Falls	44.73227	1.4707	3.80795	0.1249
75	Welwyn	North Bay Junction	36.06109	1.1856	3.26421	0.1070
76	Welwyn	Philipsburg	50.22917	1.6514	4.30522	0.1412
77	Welwyn	Spruce	9.41213	0.3094	0.67576	0.0222

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	St. Clair	36.19431	1.1900	3.27715	0.1075
2	Welwyn	Welwyn	2.82084	0.0927	0.03553	0.0012
3	Welwyn	Dawn Export	39.29590	1.2919	3.31621	0.1087

- 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 1 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 1 for the delivery pressure toll.
  - (v) Effective November 1, 2016, the Union CDA is modified such that the Union Parkway Belt, Bronte and Burlington meters are removed from the Union CDA. The Bronte and Burlington meters are put within a new delivery area called the Union ECDA, and the Parkway-Union meter will become a new standalone delivery location called Union Parkway Belt. The remaining Union CDA meters, Nanticoke and Hamilton Gate, continue to reside in the Union CDA.
  - (vi) 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.

Approved 2017 Abandonment Surcharges  
Effective January 1, 2017

- Notes: (i) 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.  
(ii) Transportation with receipt points from delivery areas or Spruce is for STFT and IT service only.

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Empress	Empress	0.03261	0.0011
2	Empress	TransGas SSDA	0.91567	0.0301
3	Empress	Centram SSDA	1.27746	0.0420
4	Empress	Centram MDA	1.82669	0.0601
5	Empress	Centrat MDA	2.07260	0.0681
6	Empress	Union WDA	3.10034	0.1019
7	Empress	Nipigon WDA	3.40301	0.1119
8	Empress	Union NDA	4.93446	0.1622
9	Empress	Calstock NDA	4.07625	0.1340
10	Empress	Tunis NDA	4.60629	0.1514
11	Empress	GMIT NDA	5.04252	0.1658
12	Empress	Union SSMDA	4.44700	0.1462
13	Empress	Union NCDA	5.64456	0.1856
15	Empress	Enbridge CDA	5.93565	0.1951
16	Empress	Enbridge Parkway CDA	5.81387	0.1911
17	Empress	Union EDA	6.26198	0.2059
18	Empress	Enbridge EDA	6.12263	0.2013
19	Empress	KPUC EDA	6.39602	0.2103
20	Empress	GMIT EDA	6.57614	0.2162
21	Empress	Enbridge SWDA	5.35206	0.1760
22	Empress	Union SWDA	5.34473	0.1757
23	Empress	Chippawa	5.96767	0.1962
24	Empress	Cornwall	6.23214	0.2049
25	Empress	East Hereford	6.95720	0.2287
26	Empress	Emerson 1	2.11557	0.0696
27	Empress	Emerson 2	2.11557	0.0696
28	Empress	Iroquois	6.16448	0.2027
29	Empress	Kirkwall	5.73609	0.1886
30	Empress	Napierville	6.54487	0.2152
31	Empress	Niagara Falls	5.96280	0.1960
32	Empress	North Bay Junction	5.28747	0.1738
33	Empress	Philipsburg	6.58041	0.2163
34	Empress	Spruce	2.07260	0.0681
35	Empress	St. Clair	5.30355	0.1744
36	Empress	Welwyn	1.27746	0.0420
37	Empress	Dawn Export	5.35206	0.1760
38	Empress	Union Parkway Belt	5.81387	0.1911
39	Empress	Union CDA	5.80288	0.1908
40	Empress	Union ECDA	5.83728	0.1919
41	Bayhurst 1	Empress	0.09437	0.0031
42	Bayhurst 1	TransGas SSDA	0.85405	0.0281
43	Bayhurst 1	Centram SSDA	1.21570	0.0400
44	Bayhurst 1	Centram MDA	1.76496	0.0580
45	Bayhurst 1	Centrat MDA	2.01084	0.0661
46	Bayhurst 1	Union WDA	3.03862	0.0999
47	Bayhurst 1	Nipigon WDA	3.34126	0.1099
48	Bayhurst 1	Union NDA	4.87268	0.1602
49	Bayhurst 1	Calstock NDA	4.01450	0.1320
50	Bayhurst 1	Tunis NDA	4.54454	0.1494
51	Bayhurst 1	GMIT NDA	4.98076	0.1638
52	Bayhurst 1	Union SSMDA	4.38524	0.1442
53	Bayhurst 1	Union NCDA	5.58276	0.1835
55	Bayhurst 1	Union EDA	6.20022	0.2038
56	Bayhurst 1	Enbridge CDA	5.87398	0.1931
57	Bayhurst 1	Enbridge Parkway CDA	5.75211	0.1891
58	Bayhurst 1	Enbridge EDA	6.06085	0.1993
59	Bayhurst 1	KPUC EDA	6.33426	0.2083
60	Bayhurst 1	GMIT EDA	6.51436	0.2142

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
61	Bayhurst 1	Enbridge SWDA	5.29030	0.1739
1	Bayhurst 1	Union SWDA	5.28297	0.1737
2	Bayhurst 1	Chippawa	5.90591	0.1942
3	Bayhurst 1	Cornwall	6.17038	0.2029
4	Bayhurst 1	East Hereford	6.89545	0.2267
5	Bayhurst 1	Emerson 1	2.05381	0.0675
6	Bayhurst 1	Emerson 2	2.05381	0.0675
7	Bayhurst 1	Iroquois	6.10272	0.2006
8	Bayhurst 1	Kirkwall	5.67434	0.1866
9	Bayhurst 1	Napierville	6.48312	0.2131
10	Bayhurst 1	Niagara Falls	5.90105	0.1940
11	Bayhurst 1	North Bay Junction	5.22571	0.1718
12	Bayhurst 1	Philipsburg	6.51866	0.2143
13	Bayhurst 1	Spruce	2.01084	0.0661
14	Bayhurst 1	St. Clair	5.24179	0.1723
15	Bayhurst 1	Welwyn	1.21570	0.0400
16	Bayhurst 1	Dawn Export	5.29030	0.1739
17	Bayhurst 1	Union Parkway Belt	5.75211	0.1891
18	Bayhurst 1	Union CDA	5.74114	0.1888
19	Bayhurst 1	Union ECDA	5.77554	0.1899
20	Calstock NDA	Empress	-	0.1340
21	Calstock NDA	TransGas SSDA	-	0.1050
22	Calstock NDA	Centram SSDA	-	0.0931
23	Calstock NDA	Centram MDA	-	0.0752
24	Calstock NDA	Centrat MDA	-	0.0670
25	Calstock NDA	Union WDA	-	0.0359
26	Calstock NDA	Nipigon WDA	-	0.0232
27	Calstock NDA	Union NDA	-	0.0293
28	Calstock NDA	Calstock NDA	-	0.0011
29	Calstock NDA	Tunis NDA	-	0.0185
30	Calstock NDA	GMIT NDA	-	0.0328
31	Calstock NDA	Union SSMDA	-	0.1209
33	Calstock NDA	Union NCDA	-	0.0526
34	Calstock NDA	Union EDA	-	0.0732
35	Calstock NDA	Enbridge CDA	-	0.0645
36	Calstock NDA	Enbridge Parkway CDA	-	0.0650
37	Calstock NDA	Enbridge EDA	-	0.0684
38	Calstock NDA	KPUC EDA	-	0.0773
39	Calstock NDA	GMIT EDA	-	0.0833
40	Calstock NDA	Enbridge SWDA	-	0.0801
41	Calstock NDA	Union SWDA	-	0.0804
42	Calstock NDA	Chippawa	-	0.0740
43	Calstock NDA	Cornwall	-	0.0720
44	Calstock NDA	East Hereford	-	0.0958
45	Calstock NDA	Emerson 1	-	0.0764
46	Calstock NDA	Emerson 2	-	0.0764
47	Calstock NDA	Iroquois	-	0.0697
48	Calstock NDA	Kirkwall	-	0.0675
49	Calstock NDA	Napierville	-	0.0822
50	Calstock NDA	Niagara Falls	-	0.0738
51	Calstock NDA	North Bay Junction	-	0.0409
52	Calstock NDA	Philipsburg	-	0.0834
53	Calstock NDA	Spruce	-	0.0670
54	Calstock NDA	St. Clair	-	0.0817
55	Calstock NDA	Welwyn	-	0.0931
56	Calstock NDA	Dawn Export	-	0.0801
57	Calstock NDA	Union Parkway Belt	-	0.0650
58	Calstock NDA	Union CDA	-	0.0690
59	Calstock NDA	Union ECDA	-	0.0657
60	Centram MDA	Empress	-	0.0601
61	Centram MDA	TransGas SSDA	-	0.0310
62	Centram MDA	Centram SSDA	-	0.0191
63	Centram MDA	Centram MDA	-	0.0011
64	Centram MDA	Centrat MDA	-	0.0093
65	Centram MDA	Union WDA	-	0.0431
66	Centram MDA	Nipigon WDA	-	0.0531

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
67	Centram MDA	Union NDA	-	0.1034
68	Centram MDA	Calstock NDA	-	0.0752
1	Centram MDA	Tunis NDA	-	0.0926
2	Centram MDA	GMIT NDA	-	0.1070
3	Centram MDA	Union SSMDA	-	0.0873
4	Centram MDA	Union NCDA	-	0.1268
5	Centram MDA	Union EDA	-	0.1470
6	Centram MDA	Enbridge CDA	-	0.1362
7	Centram MDA	Enbridge Parkway CDA	-	0.1322
8	Centram MDA	Enbridge EDA	-	0.1425
9	Centram MDA	KPUC EDA	-	0.1513
10	Centram MDA	GMIT EDA	-	0.1574
11	Centram MDA	Enbridge SWDA	-	0.1170
12	Centram MDA	Union SWDA	-	0.1168
13	Centram MDA	Chippawa	-	0.1373
14	Centram MDA	Cornwall	-	0.1461
15	Centram MDA	East Hereford	-	0.1699
16	Centram MDA	Emerson 1	-	0.0106
17	Centram MDA	Emerson 2	-	0.0106
18	Centram MDA	Iroquois	-	0.1439
19	Centram MDA	Kirkwall	-	0.1297
20	Centram MDA	Napierville	-	0.1564
21	Centram MDA	Niagara Falls	-	0.1371
22	Centram MDA	North Bay Junction	-	0.1150
23	Centram MDA	Philipsburg	-	0.1575
24	Centram MDA	Spruce	-	0.0093
25	Centram MDA	St. Clair	-	0.1154
26	Centram MDA	Welwyn	-	0.0191
27	Centram MDA	Dawn Export	-	0.1170
28	Centram MDA	Union Parkway Belt	-	0.1322
29	Centram MDA	Union CDA	-	0.1319
30	Centram MDA	Union ECDA	-	0.1330
31	Centram SSDA	Empress	-	0.0420
33	Centram SSDA	TransGas SSDA	-	0.0130
34	Centram SSDA	Centram SSDA	-	0.0011
35	Centram SSDA	Centram MDA	-	0.0191
36	Centram SSDA	Centrat MDA	-	0.0272
37	Centram SSDA	Union WDA	-	0.0610
38	Centram SSDA	Nipigon WDA	-	0.0710
39	Centram SSDA	Union NDA	-	0.1213
40	Centram SSDA	Calstock NDA	-	0.0931
41	Centram SSDA	Tunis NDA	-	0.1105
42	Centram SSDA	GMIT NDA	-	0.1249
43	Centram SSDA	Union SSMDA	-	0.1053
44	Centram SSDA	Union NCDA	-	0.1447
45	Centram SSDA	Union EDA	-	0.1650
46	Centram SSDA	Enbridge CDA	-	0.1542
47	Centram SSDA	Enbridge Parkway CDA	-	0.1502
48	Centram SSDA	Enbridge EDA	-	0.1604
49	Centram SSDA	KPUC EDA	-	0.1694
50	Centram SSDA	GMIT EDA	-	0.1753
51	Centram SSDA	Enbridge SWDA	-	0.1350
52	Centram SSDA	Union SWDA	-	0.1348
53	Centram SSDA	Chippawa	-	0.1553
54	Centram SSDA	Cornwall	-	0.1640
55	Centram SSDA	East Hereford	-	0.1878
56	Centram SSDA	Emerson 1	-	0.0286
57	Centram SSDA	Emerson 2	-	0.0286
58	Centram SSDA	Iroquois	-	0.1617
59	Centram SSDA	Kirkwall	-	0.1477
60	Centram SSDA	Napierville	-	0.1743
61	Centram SSDA	Niagara Falls	-	0.1551
62	Centram SSDA	North Bay Junction	-	0.1329
63	Centram SSDA	Philipsburg	-	0.1754
64	Centram SSDA	Spruce	-	0.0272
65	Centram SSDA	St. Clair	-	0.1334

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
66	Centram SSDA	Welwyn	-	0.0011
67	Centram SSDA	Dawn Export	-	0.1350
68	Centram SSDA	Union Parkway Belt	-	0.1502
1	Centram SSDA	Union CDA	-	0.1499
2	Centram SSDA	Union ECDA	-	0.1510
3	Centrat MDA	Empress	-	0.0681
4	Centrat MDA	TransGas SSDA	-	0.0391
5	Centrat MDA	Centram SSDA	-	0.0272
6	Centrat MDA	Centram MDA	-	0.0093
7	Centrat MDA	Centrat MDA	-	0.0011
8	Centrat MDA	Union WDA	-	0.0349
9	Centrat MDA	Nipigon WDA	-	0.0448
10	Centrat MDA	Union NDA	-	0.0952
11	Centrat MDA	Calstock NDA	-	0.0670
12	Centrat MDA	Tunis NDA	-	0.0844
13	Centrat MDA	GMIT NDA	-	0.0987
14	Centrat MDA	Union SSMDA	-	0.0872
15	Centrat MDA	Union NCDA	-	0.1185
16	Centrat MDA	Union EDA	-	0.1390
17	Centrat MDA	Enbridge CDA	-	0.1299
18	Centrat MDA	Enbridge Parkway CDA	-	0.1308
19	Centrat MDA	Enbridge EDA	-	0.1343
20	Centrat MDA	KPUC EDA	-	0.1432
21	Centrat MDA	GMIT EDA	-	0.1491
22	Centrat MDA	Enbridge SWDA	-	0.1170
23	Centrat MDA	Union SWDA	-	0.1167
24	Centrat MDA	Chippawa	-	0.1372
25	Centrat MDA	Cornwall	-	0.1378
26	Centrat MDA	East Hereford	-	0.1617
27	Centrat MDA	Emerson 1	-	0.0106
28	Centrat MDA	Emerson 2	-	0.0106
29	Centrat MDA	Iroquois	-	0.1356
30	Centrat MDA	Kirkwall	-	0.1296
31	Centrat MDA	Napierville	-	0.1481
33	Centrat MDA	Niagara Falls	-	0.1371
34	Centrat MDA	North Bay Junction	-	0.1068
35	Centrat MDA	Philipsburg	-	0.1493
36	Centrat MDA	Spruce	-	0.0011
37	Centrat MDA	St. Clair	-	0.1154
38	Centrat MDA	Welwyn	-	0.0272
39	Centrat MDA	Dawn Export	-	0.1170
40	Centrat MDA	Union Parkway Belt	-	0.1308
41	Centrat MDA	Union CDA	-	0.1318
42	Centrat MDA	Union ECDA	-	0.1316
43	Chippawa	Empress	5.96767	0.1962
44	Chippawa	TransGas SSDA	5.08459	0.1672
45	Chippawa	Centram SSDA	4.72283	0.1553
46	Chippawa	Centram MDA	4.17556	0.1373
47	Chippawa	Centrat MDA	4.17357	0.1372
48	Chippawa	Union WDA	3.31101	0.1089
49	Chippawa	Nipigon WDA	2.92378	0.0961
50	Chippawa	Union NDA	1.39232	0.0458
51	Chippawa	Calstock NDA	2.25054	0.0740
52	Chippawa	Tunis NDA	1.72050	0.0566
53	Chippawa	GMIT NDA	1.32663	0.0436
54	Chippawa	Union SSMDA	1.88686	0.0620
55	Chippawa	Union NCDA	0.68224	0.0224
56	Chippawa	Union EDA	0.96421	0.0317
57	Chippawa	Enbridge CDA	0.39817	0.0131
58	Chippawa	Enbridge Parkway CDA	0.30761	0.0101
59	Chippawa	Enbridge EDA	1.24395	0.0409
60	Chippawa	KPUC EDA	0.92621	0.0305
61	Chippawa	GMIT EDA	1.60678	0.0528
62	Chippawa	Enbridge SWDA	0.64822	0.0213
63	Chippawa	Union SWDA	0.65555	0.0216
64	Chippawa	Chippawa	0.03261	0.0011

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
65	Chippawa	Cornwall	1.26280	0.0415
66	Chippawa	East Hereford	1.98786	0.0654
67	Chippawa	Emerson 1	3.88471	0.1277
68	Chippawa	Emerson 2	3.88471	0.1277
1	Chippawa	Iroquois	1.17658	0.0387
2	Chippawa	Kirkwall	0.26419	0.0087
3	Chippawa	Napierville	1.57553	0.0518
4	Chippawa	Niagara Falls	0.11132	0.0037
5	Chippawa	North Bay Junction	1.03932	0.0342
6	Chippawa	Philipsburg	1.61107	0.0530
7	Chippawa	Spruce	4.17357	0.1372
8	Chippawa	St. Clair	0.69673	0.0229
9	Chippawa	Welwyn	4.72283	0.1553
10	Chippawa	Dawn Export	0.64822	0.0213
11	Chippawa	Union Parkway Belt	0.30761	0.0101
12	Chippawa	Union CDA	0.19738	0.0065
13	Chippawa	Union ECDA	0.28416	0.0093
14	Cornwall	Empress	6.23214	0.2049
15	Cornwall	TransGas SSDA	5.34908	0.1759
16	Cornwall	Centram SSDA	4.98730	0.1640
17	Cornwall	Centram MDA	4.44325	0.1461
18	Cornwall	Centrat MDA	4.19215	0.1378
19	Cornwall	Union WDA	3.24893	0.1068
20	Cornwall	Nipigon WDA	2.86174	0.0941
21	Cornwall	Union NDA	1.33184	0.0438
22	Cornwall	Calstock NDA	2.18852	0.0720
23	Cornwall	Tunis NDA	1.65846	0.0545
24	Cornwall	GMIT NDA	1.26459	0.0416
25	Cornwall	Union SSMDA	2.68823	0.0884
26	Cornwall	Union NCDA	1.14784	0.0377
27	Cornwall	Union EDA	0.33464	0.0110
28	Cornwall	Enbridge CDA	0.92755	0.0305
29	Cornwall	Enbridge Parkway CDA	0.98781	0.0325
30	Cornwall	Enbridge EDA	0.28845	0.0095
31	Cornwall	KPUC EDA	0.36920	0.0121
33	Cornwall	GMIT EDA	0.37663	0.0124
34	Cornwall	Enbridge SWDA	1.44962	0.0477
35	Cornwall	Union SWDA	1.45694	0.0479
36	Cornwall	Chippawa	1.26280	0.0415
37	Cornwall	Cornwall	0.03261	0.0011
38	Cornwall	East Hereford	0.75767	0.0249
39	Cornwall	Emerson 1	4.48101	0.1473
40	Cornwall	Emerson 2	4.48101	0.1473
41	Cornwall	Iroquois	0.13766	0.0045
42	Cornwall	Kirkwall	1.06558	0.0350
43	Cornwall	Napierville	0.34534	0.0114
44	Cornwall	Niagara Falls	1.25794	0.0414
45	Cornwall	North Bay Junction	0.97728	0.0321
46	Cornwall	Philipsburg	0.38088	0.0125
47	Cornwall	Spruce	4.19215	0.1378
48	Cornwall	St. Clair	1.49812	0.0493
49	Cornwall	Welwyn	4.98730	0.1640
50	Cornwall	Dawn Export	1.44962	0.0477
51	Cornwall	Union Parkway Belt	0.98781	0.0325
52	Cornwall	Union CDA	1.11201	0.0366
53	Cornwall	Union ECDA	1.01123	0.0333
54	East Hereford	Empress	6.95720	0.2287
55	East Hereford	TransGas SSDA	6.07413	0.1997
56	East Hereford	Centram SSDA	5.71238	0.1878
57	East Hereford	Centram MDA	5.16835	0.1699
58	East Hereford	Centrat MDA	4.91721	0.1617
59	East Hereford	Union WDA	3.97401	0.1307
60	East Hereford	Nipigon WDA	3.58680	0.1179
61	East Hereford	Union NDA	2.05686	0.0676
62	East Hereford	Calstock NDA	2.91358	0.0958
63	East Hereford	Tunis NDA	2.38354	0.0784

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
64	East Hereford	GMIT NDA	1.98965	0.0654
65	East Hereford	Union SSMDA	3.41331	0.1122
66	East Hereford	Union NCDA	1.87292	0.0616
67	East Hereford	Union EDA	1.05974	0.0348
68	East Hereford	Enbridge CDA	1.65266	0.0543
1	East Hereford	Enbridge Parkway CDA	1.71287	0.0563
2	East Hereford	Enbridge EDA	1.01097	0.0332
3	East Hereford	KPUC EDA	1.09426	0.0360
4	East Hereford	GMIT EDA	0.64253	0.0211
5	East Hereford	Enbridge SWDA	2.17468	0.0715
6	East Hereford	Union SWDA	2.18201	0.0717
7	East Hereford	Chippawa	1.98786	0.0654
8	East Hereford	Cornwall	0.75767	0.0249
9	East Hereford	East Hereford	0.03261	0.0011
10	East Hereford	Emerson 1	5.20607	0.1712
11	East Hereford	Emerson 2	5.20607	0.1712
12	East Hereford	Iroquois	0.86272	0.0284
13	East Hereford	Kirkwall	1.79064	0.0589
14	East Hereford	Napierville	0.82442	0.0271
15	East Hereford	Niagara Falls	1.98300	0.0652
16	East Hereford	North Bay Junction	1.70236	0.0560
17	East Hereford	Philipsburg	0.85996	0.0283
18	East Hereford	Spruce	4.91721	0.1617
19	East Hereford	St. Clair	2.22318	0.0731
20	East Hereford	Welwyn	5.71238	0.1878
21	East Hereford	Dawn Export	2.17468	0.0715
22	East Hereford	Union Parkway Belt	1.71287	0.0563
23	East Hereford	Union CDA	1.83707	0.0604
24	East Hereford	Union ECDA	1.73632	0.0571
25	Emerson 1	Empress	2.11557	0.0696
26	Emerson 1	TransGas SSDA	1.23253	0.0405
27	Emerson 1	Centram SSDA	0.87072	0.0286
28	Emerson 1	Centram MDA	0.32346	0.0106
29	Emerson 1	Centrat MDA	0.32147	0.0106
30	Emerson 1	Union WDA	1.34927	0.0444
31	Emerson 1	Nipigon WDA	1.65188	0.0543
33	Emerson 1	Union NDA	3.18330	0.1047
34	Emerson 1	Calstock NDA	2.32510	0.0764
35	Emerson 1	Tunis NDA	2.85516	0.0939
36	Emerson 1	GMIT NDA	3.29137	0.1082
37	Emerson 1	Union SSMDA	2.36402	0.0777
38	Emerson 1	Union NCDA	3.89310	0.1280
39	Emerson 1	Union EDA	4.32788	0.1423
40	Emerson 1	Enbridge CDA	3.87889	0.1275
41	Emerson 1	Enbridge Parkway CDA	3.73091	0.1227
42	Emerson 1	Enbridge EDA	4.33999	0.1427
43	Emerson 1	KPUC EDA	4.34952	0.1430
44	Emerson 1	GMIT EDA	4.82511	0.1586
45	Emerson 1	Enbridge SWDA	3.26910	0.1075
46	Emerson 1	Union SWDA	3.26177	0.1072
47	Emerson 1	Chippawa	3.88471	0.1277
48	Emerson 1	Cornwall	4.48101	0.1473
49	Emerson 1	East Hereford	5.20607	0.1712
50	Emerson 1	Emerson 1	0.03261	0.0011
51	Emerson 1	Emerson 2	0.03261	0.0011
52	Emerson 1	Iroquois	4.41335	0.1451
53	Emerson 1	Kirkwall	3.65314	0.1201
54	Emerson 1	Napierville	4.79374	0.1576
55	Emerson 1	Niagara Falls	3.87985	0.1276
56	Emerson 1	North Bay Junction	3.53634	0.1163
57	Emerson 1	Philipsburg	4.82928	0.1588
58	Emerson 1	Spruce	0.32147	0.0106
59	Emerson 1	St. Clair	3.22059	0.1059
60	Emerson 1	Welwyn	0.87072	0.0286
61	Emerson 1	Dawn Export	3.26910	0.1075
62	Emerson 1	Union Parkway Belt	3.73091	0.1227



Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
63	Emerson 1	Union CDA	3.71994	0.1223
64	Emerson 1	Union ECDA	3.75434	0.1234
65	Emerson 2	Empress	2.11557	0.0696
66	Emerson 2	TransGas SSDA	1.23253	0.0405
67	Emerson 2	Centram SSDA	0.87072	0.0286
68	Emerson 2	Centram MDA	0.32346	0.0106
1	Emerson 2	Centrat MDA	0.32147	0.0106
2	Emerson 2	Union WDA	1.34927	0.0444
3	Emerson 2	Nipigon WDA	1.65188	0.0543
4	Emerson 2	Union NDA	3.18330	0.1047
5	Emerson 2	Calstock NDA	2.32510	0.0764
6	Emerson 2	Tunis NDA	2.85516	0.0939
7	Emerson 2	GMIT NDA	3.29137	0.1082
8	Emerson 2	Union SSMDA	2.36402	0.0777
9	Emerson 2	Union NCDA	3.89310	0.1280
10	Emerson 2	Union EDA	4.32788	0.1423
11	Emerson 2	Enbridge CDA	3.87889	0.1275
12	Emerson 2	Enbridge Parkway CDA	3.73091	0.1227
13	Emerson 2	Enbridge EDA	4.33999	0.1427
14	Emerson 2	KPUC EDA	4.34952	0.1430
15	Emerson 2	GMIT EDA	4.82511	0.1586
16	Emerson 2	Enbridge SWDA	3.26910	0.1075
17	Emerson 2	Union SWDA	3.26177	0.1072
18	Emerson 2	Chippawa	3.88471	0.1277
19	Emerson 2	Cornwall	4.48101	0.1473
20	Emerson 2	East Hereford	5.20607	0.1712
21	Emerson 2	Emerson 1	0.03261	0.0011
22	Emerson 2	Emerson 2	0.03261	0.0011
23	Emerson 2	Iroquois	4.41335	0.1451
24	Emerson 2	Kirkwall	3.65314	0.1201
25	Emerson 2	Napierville	4.79374	0.1576
26	Emerson 2	Niagara Falls	3.87985	0.1276
27	Emerson 2	North Bay Junction	3.53634	0.1163
28	Emerson 2	Philipsburg	4.82928	0.1588
29	Emerson 2	Spruce	0.32147	0.0106
30	Emerson 2	St. Clair	3.22059	0.1059
31	Emerson 2	Welwyn	0.87072	0.0286
33	Emerson 2	Dawn Export	3.26910	0.1075
34	Emerson 2	Union Parkway Belt	3.73091	0.1227
35	Emerson 2	Union CDA	3.71994	0.1223
36	Emerson 2	Union ECDA	3.75434	0.1234
37	Enbridge Parkway CDA	Empress	-	0.1911
38	Enbridge Parkway CDA	TransGas SSDA	-	0.1621
39	Enbridge Parkway CDA	Centram SSDA	-	0.1502
40	Enbridge Parkway CDA	Centram MDA	-	0.1322
41	Enbridge Parkway CDA	Centrat MDA	-	0.1308
42	Enbridge Parkway CDA	Union WDA	-	0.0998
43	Enbridge Parkway CDA	Nipigon WDA	-	0.0871
44	Enbridge Parkway CDA	Union NDA	-	0.0367
45	Enbridge Parkway CDA	Calstock NDA	-	0.0650
46	Enbridge Parkway CDA	Tunis NDA	-	0.0475
47	Enbridge Parkway CDA	GMIT NDA	-	0.0346
48	Enbridge Parkway CDA	Union SSMDA	-	0.0570
49	Enbridge Parkway CDA	Union NCDA	-	0.0134
50	Enbridge Parkway CDA	Union EDA	-	0.0227
51	Enbridge Parkway CDA	Enbridge CDA	-	0.0067
52	Enbridge Parkway CDA	Enbridge Parkway CDA	-	0.0011
53	Enbridge Parkway CDA	Enbridge EDA	-	0.0319
54	Enbridge Parkway CDA	KPUC EDA	-	0.0214
55	Enbridge Parkway CDA	GMIT EDA	-	0.0438
56	Enbridge Parkway CDA	Enbridge SWDA	-	0.0163
57	Enbridge Parkway CDA	Union SWDA	-	0.0165
58	Enbridge Parkway CDA	Chippawa	-	0.0101
59	Enbridge Parkway CDA	Cornwall	-	0.0325
60	Enbridge Parkway CDA	East Hereford	-	0.0563
61	Enbridge Parkway CDA	Emerson 1	-	0.1227

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
62	Enbridge Parkway CDA	Emerson 2	-	0.1227
63	Enbridge Parkway CDA	Iroquois	-	0.0296
64	Enbridge Parkway CDA	Kirkwall	-	0.0036
65	Enbridge Parkway CDA	Napierville	-	0.0428
66	Enbridge Parkway CDA	Niagara Falls	-	0.0100
67	Enbridge Parkway CDA	North Bay Junction	-	0.0251
68	Enbridge Parkway CDA	Philipsburg	-	0.0439
1	Enbridge Parkway CDA	Spruce	-	0.1308
2	Enbridge Parkway CDA	St. Clair	-	0.0179
3	Enbridge Parkway CDA	Welwyn	-	0.1502
4	Enbridge Parkway CDA	Dawn Export	-	0.0163
5	Enbridge Parkway CDA	Union Parkway Belt	-	0.0011
6	Enbridge Parkway CDA	Union CDA	-	0.0052
7	Enbridge Parkway CDA	Union ECDA	-	0.0018
8	Enbridge CDA	Empress	-	0.1951
9	Enbridge CDA	TransGas SSDA	-	0.1661
10	Enbridge CDA	Centram SSDA	-	0.1542
11	Enbridge CDA	Centram MDA	-	0.1362
12	Enbridge CDA	Centrat MDA	-	0.1299
13	Enbridge CDA	Union WDA	-	0.0994
14	Enbridge CDA	Nipigon WDA	-	0.0866
15	Enbridge CDA	Union NDA	-	0.0363
16	Enbridge CDA	Calstock NDA	-	0.0645
17	Enbridge CDA	Tunis NDA	-	0.0471
18	Enbridge CDA	GMIT NDA	-	0.0341
19	Enbridge CDA	Union SSMDA	-	0.0618
20	Enbridge CDA	Union NCDA	-	0.0129
21	Enbridge CDA	Union EDA	-	0.0207
22	Enbridge CDA	Enbridge CDA	-	0.0011
23	Enbridge CDA	Enbridge Parkway CDA	-	0.0067
24	Enbridge CDA	Enbridge EDA	-	0.0299
25	Enbridge CDA	KPUC EDA	-	0.0194
26	Enbridge CDA	GMIT EDA	-	0.0418
27	Enbridge CDA	Enbridge SWDA	-	0.0211
28	Enbridge CDA	Union SWDA	-	0.0214
29	Enbridge CDA	Chippawa	-	0.0131
30	Enbridge CDA	Cornwall	-	0.0305
31	Enbridge CDA	East Hereford	-	0.0543
33	Enbridge CDA	Emerson 1	-	0.1275
34	Enbridge CDA	Emerson 2	-	0.1275
35	Enbridge CDA	Iroquois	-	0.0277
36	Enbridge CDA	Kirkwall	-	0.0085
37	Enbridge CDA	Napierville	-	0.0408
38	Enbridge CDA	Niagara Falls	-	0.0129
39	Enbridge CDA	North Bay Junction	-	0.0247
40	Enbridge CDA	Philipsburg	-	0.0420
41	Enbridge CDA	Spruce	-	0.1299
42	Enbridge CDA	St. Clair	-	0.0227
43	Enbridge CDA	Welwyn	-	0.1542
44	Enbridge CDA	Dawn Export	-	0.0211
45	Enbridge CDA	Union Parkway Belt	-	0.0067
46	Enbridge CDA	Union CDA	-	0.0094
47	Enbridge CDA	Union ECDA	-	0.0071
48	Enbridge EDA	Empress	-	0.2013
49	Enbridge EDA	TransGas SSDA	-	0.1723
50	Enbridge EDA	Centram SSDA	-	0.1604
51	Enbridge EDA	Centram MDA	-	0.1425
52	Enbridge EDA	Centrat MDA	-	0.1343
53	Enbridge EDA	Union WDA	-	0.1033
54	Enbridge EDA	Nipigon WDA	-	0.0905
55	Enbridge EDA	Union NDA	-	0.0402
56	Enbridge EDA	Calstock NDA	-	0.0684
57	Enbridge EDA	Tunis NDA	-	0.0510
58	Enbridge EDA	GMIT NDA	-	0.0380
59	Enbridge EDA	Union SSMDA	-	0.0878
60	Enbridge EDA	Union NCDA	-	0.0349

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
61	Enbridge EDA	Union EDA	-	0.0129
62	Enbridge EDA	Enbridge CDA	-	0.0299
63	Enbridge EDA	Enbridge Parkway CDA	-	0.0319
64	Enbridge EDA	Enbridge EDA	-	0.0011
65	Enbridge EDA	KPUC EDA	-	0.0135
66	Enbridge EDA	GMIT EDA	-	0.0207
67	Enbridge EDA	Enbridge SWDA	-	0.0470
68	Enbridge EDA	Union SWDA	-	0.0473
1	Enbridge EDA	Chippawa	-	0.0409
2	Enbridge EDA	Cornwall	-	0.0095
3	Enbridge EDA	East Hereford	-	0.0332
4	Enbridge EDA	Emerson 1	-	0.1427
5	Enbridge EDA	Emerson 2	-	0.1427
6	Enbridge EDA	Iroquois	-	0.0077
7	Enbridge EDA	Kirkwall	-	0.0344
8	Enbridge EDA	Napierville	-	0.0197
9	Enbridge EDA	Niagara Falls	-	0.0407
10	Enbridge EDA	North Bay Junction	-	0.0286
11	Enbridge EDA	Philipsburg	-	0.0209
12	Enbridge EDA	Spruce	-	0.1343
13	Enbridge EDA	St. Clair	-	0.0486
14	Enbridge EDA	Welwyn	-	0.1604
15	Enbridge EDA	Dawn Export	-	0.0470
16	Enbridge EDA	Union Parkway Belt	-	0.0319
17	Enbridge EDA	Union CDA	-	0.0359
18	Enbridge EDA	Union ECDA	-	0.0326
19	GMIT EDA	Empress	-	0.2162
20	GMIT EDA	TransGas SSDA	-	0.1872
21	GMIT EDA	Centram SSDA	-	0.1753
22	GMIT EDA	Centram MDA	-	0.1574
23	GMIT EDA	Centrat MDA	-	0.1491
24	GMIT EDA	Union WDA	-	0.1181
25	GMIT EDA	Nipigon WDA	-	0.1054
26	GMIT EDA	Union NDA	-	0.0551
27	GMIT EDA	Calstock NDA	-	0.0833
28	GMIT EDA	Tunis NDA	-	0.0658
29	GMIT EDA	GMIT NDA	-	0.0529
30	GMIT EDA	Union SSMDA	-	0.0997
31	GMIT EDA	Union NCDA	-	0.0490
33	GMIT EDA	Union EDA	-	0.0223
34	GMIT EDA	Enbridge CDA	-	0.0418
35	GMIT EDA	Enbridge Parkway CDA	-	0.0438
36	GMIT EDA	Enbridge EDA	-	0.0207
37	GMIT EDA	KPUC EDA	-	0.0235
38	GMIT EDA	GMIT EDA	-	0.0011
39	GMIT EDA	Enbridge SWDA	-	0.0590
40	GMIT EDA	Union SWDA	-	0.0592
41	GMIT EDA	Chippawa	-	0.0528
42	GMIT EDA	Cornwall	-	0.0124
43	GMIT EDA	East Hereford	-	0.0211
44	GMIT EDA	Emerson 1	-	0.1586
45	GMIT EDA	Emerson 2	-	0.1586
46	GMIT EDA	Iroquois	-	0.0158
47	GMIT EDA	Kirkwall	-	0.0463
48	GMIT EDA	Napierville	-	0.0131
49	GMIT EDA	Niagara Falls	-	0.0527
50	GMIT EDA	North Bay Junction	-	0.0434
51	GMIT EDA	Philipsburg	-	0.0141
52	GMIT EDA	Spruce	-	0.1491
53	GMIT EDA	St. Clair	-	0.0606
54	GMIT EDA	Welwyn	-	0.1753
55	GMIT EDA	Dawn Export	-	0.0590
56	GMIT EDA	Union Parkway Belt	-	0.0438
57	GMIT EDA	Union CDA	-	0.0479
58	GMIT EDA	Union ECDA	-	0.0446
59	GMIT NDA	Empress	-	0.1658

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
60	GMIT NDA	TransGas SSDA	-	0.1368
61	GMIT NDA	Centram SSDA	-	0.1249
62	GMIT NDA	Centram MDA	-	0.1070
63	GMIT NDA	Centrat MDA	-	0.0987
64	GMIT NDA	Union WDA	-	0.0677
65	GMIT NDA	Nipigon WDA	-	0.0550
66	GMIT NDA	Union NDA	-	0.0122
67	GMIT NDA	Calstock NDA	-	0.0328
68	GMIT NDA	Tunis NDA	-	0.0154
1	GMIT NDA	GMIT NDA	-	0.0011
2	GMIT NDA	Union SSMDA	-	0.0905
3	GMIT NDA	Union NCDA	-	0.0223
4	GMIT NDA	Union EDA	-	0.0428
5	GMIT NDA	Enbridge CDA	-	0.0341
6	GMIT NDA	Enbridge Parkway CDA	-	0.0346
7	GMIT NDA	Enbridge EDA	-	0.0380
8	GMIT NDA	KPUC EDA	-	0.0470
9	GMIT NDA	GMIT EDA	-	0.0529
10	GMIT NDA	Enbridge SWDA	-	0.0498
11	GMIT NDA	Union SWDA	-	0.0500
12	GMIT NDA	Chippawa	-	0.0436
13	GMIT NDA	Cornwall	-	0.0416
14	GMIT NDA	East Hereford	-	0.0654
15	GMIT NDA	Emerson 1	-	0.1082
16	GMIT NDA	Emerson 2	-	0.1082
17	GMIT NDA	Iroquois	-	0.0394
18	GMIT NDA	Kirkwall	-	0.0371
19	GMIT NDA	Napierville	-	0.0519
20	GMIT NDA	Niagara Falls	-	0.0435
21	GMIT NDA	North Bay Junction	-	0.0105
22	GMIT NDA	Philipsburg	-	0.0530
23	GMIT NDA	Spruce	-	0.0987
24	GMIT NDA	St. Clair	-	0.0514
25	GMIT NDA	Welwyn	-	0.1249
26	GMIT NDA	Dawn Export	-	0.0498
27	GMIT NDA	Union Parkway Belt	-	0.0346
28	GMIT NDA	Union CDA	-	0.0387
29	GMIT NDA	Union ECDA	-	0.0353
30	Grand Coulee	Empress	0.79409	0.0261
31	Grand Coulee	TransGas SSDA	0.17624	0.0058
33	Grand Coulee	Centram SSDA	0.51598	0.0170
34	Grand Coulee	Centram MDA	1.06526	0.0350
35	Grand Coulee	Centrat MDA	1.31112	0.0431
36	Grand Coulee	Union WDA	2.33892	0.0769
37	Grand Coulee	Nipigon WDA	2.64154	0.0869
38	Grand Coulee	Union NDA	4.17298	0.1372
39	Grand Coulee	Calstock NDA	3.31478	0.1090
40	Grand Coulee	Tunis NDA	3.84482	0.1264
41	Grand Coulee	GMIT NDA	4.28104	0.1408
42	Grand Coulee	Union SSMDA	3.68550	0.1212
43	Grand Coulee	Union NCDA	4.88306	0.1605
44	Grand Coulee	Union EDA	5.50050	0.1808
45	Grand Coulee	Enbridge CDA	5.17424	0.1701
46	Grand Coulee	Enbridge Parkway CDA	5.05239	0.1661
47	Grand Coulee	Enbridge EDA	5.36113	0.1763
48	Grand Coulee	KPUC EDA	5.63454	0.1853
49	Grand Coulee	GMIT EDA	5.81464	0.1912
50	Grand Coulee	Enbridge SWDA	4.59058	0.1509
51	Grand Coulee	Union SWDA	4.58325	0.1507
52	Grand Coulee	Chippawa	5.20619	0.1712
53	Grand Coulee	Cornwall	5.47066	0.1799
54	Grand Coulee	East Hereford	6.19575	0.2037
55	Grand Coulee	Emerson 1	1.35409	0.0445
56	Grand Coulee	Emerson 2	1.35409	0.0445
57	Grand Coulee	Iroquois	5.40300	0.1776
58	Grand Coulee	Kirkwall	4.97462	0.1636

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
59	Grand Coulee	Napierville	5.78340	0.1901
60	Grand Coulee	Niagara Falls	5.20133	0.1710
61	Grand Coulee	North Bay Junction	4.52599	0.1488
62	Grand Coulee	Philipsburg	5.81894	0.1913
63	Grand Coulee	Spruce	1.31112	0.0431
64	Grand Coulee	St. Clair	4.54207	0.1493
65	Grand Coulee	Welwyn	0.51598	0.0170
66	Grand Coulee	Dawn Export	4.59058	0.1509
67	Grand Coulee	Union Parkway Belt	5.05239	0.1661
68	Grand Coulee	Union CDA	5.04142	0.1658
1	Grand Coulee	Union ECDA	5.07582	0.1669
2	Herbert	Empress	0.42491	0.0140
3	Herbert	TransGas SSDA	0.53273	0.0175
4	Herbert	Centram SSDA	0.88516	0.0291
5	Herbert	Centram MDA	1.43439	0.0472
6	Herbert	Centrat MDA	1.68032	0.0552
7	Herbert	Union WDA	2.70810	0.0890
8	Herbert	Nipigon WDA	3.01074	0.0990
9	Herbert	Union NDA	4.54216	0.1493
10	Herbert	Calstock NDA	3.68395	0.1211
11	Herbert	Tunis NDA	4.21399	0.1385
12	Herbert	GMIT NDA	4.65022	0.1529
13	Herbert	Union SSMDA	4.05470	0.1333
14	Herbert	Union NCDA	5.25224	0.1727
15	Herbert	Union EDA	5.86968	0.1930
16	Herbert	Enbridge CDA	5.54343	0.1823
17	Herbert	Enbridge Parkway CDA	5.42157	0.1782
18	Herbert	Enbridge EDA	5.73033	0.1884
19	Herbert	KPUC EDA	6.00372	0.1974
20	Herbert	GMIT EDA	6.18388	0.2033
21	Herbert	Enbridge SWDA	4.95976	0.1631
22	Herbert	Union SWDA	4.95245	0.1628
23	Herbert	Chippawa	5.57539	0.1833
24	Herbert	Cornwall	5.83986	0.1920
25	Herbert	East Hereford	6.56492	0.2158
26	Herbert	Emerson 1	1.72327	0.0567
27	Herbert	Emerson 2	1.72327	0.0567
28	Herbert	Iroquois	5.77218	0.1898
29	Herbert	Kirkwall	5.34379	0.1757
30	Herbert	Napierville	6.15259	0.2023
31	Herbert	Niagara Falls	5.57053	0.1831
33	Herbert	North Bay Junction	4.89517	0.1609
34	Herbert	Philipsburg	6.18813	0.2035
35	Herbert	Spruce	1.68032	0.0552
36	Herbert	St. Clair	4.91125	0.1615
37	Herbert	Welwyn	0.88516	0.0291
38	Herbert	Dawn Export	4.95976	0.1631
39	Herbert	Union Parkway Belt	5.42157	0.1782
40	Herbert	Union CDA	5.41060	0.1779
41	Herbert	Union ECDA	5.44500	0.1790
42	Iroquois	Empress	6.16448	0.2027
43	Iroquois	TransGas SSDA	5.28145	0.1736
44	Iroquois	Centram SSDA	4.91964	0.1617
45	Iroquois	Centram MDA	4.37563	0.1439
46	Iroquois	Centrat MDA	4.12449	0.1356
47	Iroquois	Union WDA	3.18131	0.1046
48	Iroquois	Nipigon WDA	2.79408	0.0919
49	Iroquois	Union NDA	1.26416	0.0416
50	Iroquois	Calstock NDA	2.12086	0.0697
51	Iroquois	Tunis NDA	1.59080	0.0523
52	Iroquois	GMIT NDA	1.19695	0.0394
53	Iroquois	Union SSMDA	2.60201	0.0856
54	Iroquois	Union NCDA	1.06623	0.0351
55	Iroquois	Union EDA	0.26138	0.0086
56	Iroquois	Enbridge CDA	0.84135	0.0277
57	Iroquois	Enbridge Parkway CDA	0.90158	0.0296

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
58	Iroquois	Enbridge EDA	0.23335	0.0077
59	Iroquois	KPUC EDA	0.28298	0.0093
60	Iroquois	GMIT EDA	0.48170	0.0158
61	Iroquois	Enbridge SWDA	1.36339	0.0448
62	Iroquois	Union SWDA	1.37072	0.0451
63	Iroquois	Chippawa	1.17658	0.0387
64	Iroquois	Cornwall	0.13766	0.0045
65	Iroquois	East Hereford	0.86272	0.0284
66	Iroquois	Emerson 1	4.41335	0.1451
67	Iroquois	Emerson 2	4.41335	0.1451
68	Iroquois	Iroquois	0.03261	0.0011
1	Iroquois	Kirkwall	0.97936	0.0322
2	Iroquois	Napierville	0.45040	0.0148
3	Iroquois	Niagara Falls	1.17171	0.0385
4	Iroquois	North Bay Junction	0.90962	0.0299
5	Iroquois	Philipsburg	0.48594	0.0160
6	Iroquois	Spruce	4.12449	0.1356
7	Iroquois	St. Clair	1.41190	0.0464
8	Iroquois	Welwyn	4.91964	0.1617
9	Iroquois	Dawn Export	1.36339	0.0448
10	Iroquois	Union Parkway Belt	0.90158	0.0296
11	Iroquois	Union CDA	1.02579	0.0337
12	Iroquois	Union ECDA	0.92503	0.0304
13	Kirkwall	Empress	5.73609	0.1886
14	Kirkwall	TransGas SSDA	4.85302	0.1596
15	Kirkwall	Centram SSDA	4.49125	0.1477
16	Kirkwall	Centram MDA	3.94397	0.1297
17	Kirkwall	Centrat MDA	3.94199	0.1296
18	Kirkwall	Union WDA	3.11375	0.1024
19	Kirkwall	Nipigon WDA	2.72656	0.0896
20	Kirkwall	Union NDA	1.19518	0.0393
21	Kirkwall	Calstock NDA	2.05332	0.0675
22	Kirkwall	Tunis NDA	1.52328	0.0501
23	Kirkwall	GMIT NDA	1.12939	0.0371
24	Kirkwall	Union SSMDA	1.65528	0.0544
25	Kirkwall	Union NCDA	0.48506	0.0160
26	Kirkwall	Union EDA	0.76700	0.0252
27	Kirkwall	Enbridge CDA	0.25859	0.0085
28	Kirkwall	Enbridge Parkway CDA	0.11039	0.0036
29	Kirkwall	Enbridge EDA	1.04679	0.0344
30	Kirkwall	KPUC EDA	0.72899	0.0240
31	Kirkwall	GMIT EDA	1.40954	0.0463
33	Kirkwall	Enbridge SWDA	0.41665	0.0137
34	Kirkwall	Union SWDA	0.42398	0.0139
35	Kirkwall	Chippawa	0.26419	0.0087
36	Kirkwall	Cornwall	1.06558	0.0350
37	Kirkwall	East Hereford	1.79064	0.0589
38	Kirkwall	Emerson 1	3.65314	0.1201
39	Kirkwall	Emerson 2	3.65314	0.1201
40	Kirkwall	Iroquois	0.97936	0.0322
41	Kirkwall	Kirkwall	0.03261	0.0011
42	Kirkwall	Napierville	1.37831	0.0453
43	Kirkwall	Niagara Falls	0.25932	0.0085
44	Kirkwall	North Bay Junction	0.84211	0.0277
45	Kirkwall	Philipsburg	1.41385	0.0465
46	Kirkwall	Spruce	3.94199	0.1296
47	Kirkwall	St. Clair	0.46515	0.0153
48	Kirkwall	Welwyn	4.49125	0.1477
49	Kirkwall	Dawn Export	0.41665	0.0137
50	Kirkwall	Union Parkway Belt	0.11039	0.0036
51	Kirkwall	Union CDA	0.09940	0.0033
52	Kirkwall	Union ECDA	0.13384	0.0044
53	KPUC EDA	Empress	-	0.2103
54	KPUC EDA	TransGas SSDA	-	0.1813
55	KPUC EDA	Centram SSDA	-	0.1694
56	KPUC EDA	Centram MDA	-	0.1513

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
57	KPUC EDA	Centrat MDA	-	0.1432
58	KPUC EDA	Union WDA	-	0.1122
59	KPUC EDA	Nipigon WDA	-	0.0995
60	KPUC EDA	Union NDA	-	0.0492
61	KPUC EDA	Calstock NDA	-	0.0773
62	KPUC EDA	Tunis NDA	-	0.0599
63	KPUC EDA	GMIT NDA	-	0.0470
64	KPUC EDA	Union SSMDA	-	0.0773
65	KPUC EDA	Union NCDA	-	0.0275
66	KPUC EDA	Union EDA	-	0.0065
67	KPUC EDA	Enbridge CDA	-	0.0194
68	KPUC EDA	Enbridge Parkway CDA	-	0.0214
1	KPUC EDA	Enbridge EDA	-	0.0135
2	KPUC EDA	KPUC EDA	-	0.0011
3	KPUC EDA	GMIT EDA	-	0.0235
4	KPUC EDA	Enbridge SWDA	-	0.0366
5	KPUC EDA	Union SWDA	-	0.0368
6	KPUC EDA	Chippawa	-	0.0305
7	KPUC EDA	Cornwall	-	0.0121
8	KPUC EDA	East Hereford	-	0.0360
9	KPUC EDA	Emerson 1	-	0.1430
10	KPUC EDA	Emerson 2	-	0.1430
11	KPUC EDA	Iroquois	-	0.0093
12	KPUC EDA	Kirkwall	-	0.0240
13	KPUC EDA	Napierville	-	0.0224
14	KPUC EDA	Niagara Falls	-	0.0303
15	KPUC EDA	North Bay Junction	-	0.0375
16	KPUC EDA	Philipsburg	-	0.0236
17	KPUC EDA	Spruce	-	0.1432
18	KPUC EDA	St. Clair	-	0.0382
19	KPUC EDA	Welwyn	-	0.1694
20	KPUC EDA	Dawn Export	-	0.0366
21	KPUC EDA	Union Parkway Belt	-	0.0214
22	KPUC EDA	Union CDA	-	0.0255
23	KPUC EDA	Union ECDA	-	0.0222
24	Lachenaie	Empress	6.51532	0.2142
25	Lachenaie	TransGas SSDA	5.63226	0.1852
26	Lachenaie	Centram SSDA	5.27047	0.1733
27	Lachenaie	Centram MDA	4.72644	0.1554
28	Lachenaie	Centrat MDA	4.47533	0.1471
29	Lachenaie	Union WDA	3.53212	0.1161
30	Lachenaie	Nipigon WDA	3.14491	0.1034
31	Lachenaie	Union NDA	1.61499	0.0531
33	Lachenaie	Calstock NDA	2.47168	0.0813
34	Lachenaie	Tunis NDA	1.94164	0.0638
35	Lachenaie	GMIT NDA	1.54778	0.0509
36	Lachenaie	Union SSMDA	2.97141	0.0977
37	Lachenaie	Union NCDA	1.43100	0.0471
38	Lachenaie	Union EDA	0.61783	0.0203
39	Lachenaie	Enbridge CDA	1.21053	0.0398
40	Lachenaie	Enbridge Parkway CDA	1.27098	0.0418
41	Lachenaie	Enbridge EDA	0.56907	0.0187
42	Lachenaie	KPUC EDA	0.65238	0.0215
43	Lachenaie	GMIT EDA	0.24459	0.0080
44	Lachenaie	Enbridge SWDA	1.73279	0.0570
45	Lachenaie	Union SWDA	1.74011	0.0572
46	Lachenaie	Chippawa	1.54598	0.0508
47	Lachenaie	Cornwall	0.31579	0.0104
48	Lachenaie	East Hereford	0.47450	0.0156
49	Lachenaie	Emerson 1	4.76419	0.1566
50	Lachenaie	Emerson 2	4.76419	0.1566
51	Lachenaie	Iroquois	0.42084	0.0138
52	Lachenaie	Kirkwall	1.34876	0.0443
53	Lachenaie	Napierville	0.38253	0.0126
54	Lachenaie	Niagara Falls	1.54111	0.0507
55	Lachenaie	North Bay Junction	1.26046	0.0414

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
56	Lachenaie	Philipsburg	0.41807	0.0137
57	Lachenaie	Spruce	4.47533	0.1471
58	Lachenaie	St. Clair	1.78128	0.0586
59	Lachenaie	Welwyn	5.27047	0.1733
60	Lachenaie	Dawn Export	1.73279	0.0570
61	Lachenaie	Union Parkway Belt	1.27098	0.0418
62	Lachenaie	Union CDA	1.39520	0.0459
63	Lachenaie	Union ECDA	1.29443	0.0426
64	Liebenthal	Empress	0.12136	0.0040
65	Liebenthal	TransGas SSDA	0.82761	0.0272
66	Liebenthal	Centram SSDA	1.18871	0.0391
67	Liebenthal	Centram MDA	1.73794	0.0571
68	Liebenthal	Centrat MDA	1.98387	0.0652
1	Liebenthal	Union WDA	3.01163	0.0990
2	Liebenthal	Nipigon WDA	3.31427	0.1090
3	Liebenthal	Union NDA	4.84573	0.1593
4	Liebenthal	Calstock NDA	3.98751	0.1311
5	Liebenthal	Tunis NDA	4.51755	0.1485
6	Liebenthal	GMIT NDA	4.95377	0.1629
7	Liebenthal	Union SSMDA	4.35825	0.1433
8	Liebenthal	Union NCDA	5.55583	0.1827
9	Liebenthal	Union EDA	6.17321	0.2030
10	Liebenthal	Enbridge CDA	5.84694	0.1922
11	Liebenthal	Enbridge Parkway CDA	5.72512	0.1882
12	Liebenthal	Enbridge EDA	6.03378	0.1984
13	Liebenthal	KPUC EDA	6.30727	0.2074
14	Liebenthal	GMIT EDA	6.48739	0.2133
15	Liebenthal	Enbridge SWDA	5.26331	0.1730
16	Liebenthal	Union SWDA	5.25600	0.1728
17	Liebenthal	Chippawa	5.87892	0.1933
18	Liebenthal	Cornwall	6.14339	0.2020
19	Liebenthal	East Hereford	6.86847	0.2258
20	Liebenthal	Emerson 1	2.02682	0.0666
21	Liebenthal	Emerson 2	2.02682	0.0666
22	Liebenthal	Iroquois	6.07573	0.1998
23	Liebenthal	Kirkwall	5.64734	0.1857
24	Liebenthal	Napierville	6.45613	0.2123
25	Liebenthal	Niagara Falls	5.87406	0.1931
26	Liebenthal	North Bay Junction	5.19872	0.1709
27	Liebenthal	Philipsburg	6.49167	0.2134
28	Liebenthal	Spruce	1.98387	0.0652
29	Liebenthal	St. Clair	5.21480	0.1715
30	Liebenthal	Welwyn	1.18871	0.0391
31	Liebenthal	Dawn Export	5.26331	0.1730
33	Liebenthal	Union Parkway Belt	5.72512	0.1882
34	Liebenthal	Union CDA	5.71413	0.1879
35	Liebenthal	Union ECDA	5.74855	0.1890
36	Napierville	Empress	6.54487	0.2152
37	Napierville	TransGas SSDA	5.66180	0.1861
38	Napierville	Centram SSDA	5.30003	0.1743
39	Napierville	Centram MDA	4.75604	0.1564
40	Napierville	Centrat MDA	4.50489	0.1481
41	Napierville	Union WDA	3.56170	0.1171
42	Napierville	Nipigon WDA	3.17447	0.1044
43	Napierville	Union NDA	1.64456	0.0541
44	Napierville	Calstock NDA	2.50125	0.0822
45	Napierville	Tunis NDA	1.97119	0.0648
46	Napierville	GMIT NDA	1.57734	0.0519
47	Napierville	Union SSMDA	3.00096	0.0987
48	Napierville	Union NCDA	1.46053	0.0480
49	Napierville	Union EDA	0.64733	0.0213
50	Napierville	Enbridge CDA	1.24035	0.0408
51	Napierville	Enbridge Parkway CDA	1.30054	0.0428
52	Napierville	Enbridge EDA	0.59866	0.0197
53	Napierville	KPUC EDA	0.68193	0.0224
54	Napierville	GMIT EDA	0.39969	0.0131



Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
55	Napierville	Enbridge SWDA	1.76235	0.0579
56	Napierville	Union SWDA	1.76968	0.0582
57	Napierville	Chippawa	1.57553	0.0518
58	Napierville	Cornwall	0.34534	0.0114
59	Napierville	East Hereford	0.82442	0.0271
60	Napierville	Emerson 1	4.79374	0.1576
61	Napierville	Emerson 2	4.79374	0.1576
62	Napierville	Iroquois	0.45040	0.0148
63	Napierville	Kirkwall	1.37831	0.0453
64	Napierville	Napierville	0.03261	0.0011
65	Napierville	Niagara Falls	1.57067	0.0516
66	Napierville	North Bay Junction	1.29001	0.0424
67	Napierville	Philipsburg	0.21963	0.0072
68	Napierville	Spruce	4.50489	0.1481
1	Napierville	St. Clair	1.81086	0.0595
2	Napierville	Welwyn	5.30003	0.1743
3	Napierville	Dawn Export	1.76235	0.0579
4	Napierville	Union Parkway Belt	1.30054	0.0428
5	Napierville	Union CDA	1.42474	0.0468
6	Napierville	Union ECDA	1.32397	0.0435
7	Niagara Falls	Empress	5.96280	0.1960
8	Niagara Falls	TransGas SSDA	5.07977	0.1670
9	Niagara Falls	Centram SSDA	4.71796	0.1551
10	Niagara Falls	Centram MDA	4.17064	0.1371
11	Niagara Falls	Centrat MDA	4.16870	0.1371
12	Niagara Falls	Union WDA	3.30613	0.1087
13	Niagara Falls	Nipigon WDA	2.91891	0.0960
14	Niagara Falls	Union NDA	1.38749	0.0456
15	Niagara Falls	Calstock NDA	2.24568	0.0738
16	Niagara Falls	Tunis NDA	1.71564	0.0564
17	Niagara Falls	GMIT NDA	1.32177	0.0435
18	Niagara Falls	Union SSMDA	1.88200	0.0619
19	Niagara Falls	Union NCDA	0.67739	0.0223
20	Niagara Falls	Union EDA	0.95933	0.0315
21	Niagara Falls	Enbridge CDA	0.39165	0.0129
22	Niagara Falls	Enbridge Parkway CDA	0.30274	0.0100
23	Niagara Falls	Enbridge EDA	1.23913	0.0407
24	Niagara Falls	KPUC EDA	0.92135	0.0303
25	Niagara Falls	GMIT EDA	1.60197	0.0527
26	Niagara Falls	Enbridge SWDA	0.64336	0.0212
27	Niagara Falls	Union SWDA	0.65069	0.0214
28	Niagara Falls	Chippawa	0.11132	0.0037
29	Niagara Falls	Cornwall	1.25794	0.0414
30	Niagara Falls	East Hereford	1.98300	0.0652
31	Niagara Falls	Emerson 1	3.87985	0.1276
33	Niagara Falls	Emerson 2	3.87985	0.1276
34	Niagara Falls	Iroquois	1.17171	0.0385
35	Niagara Falls	Kirkwall	0.25932	0.0085
36	Niagara Falls	Napierville	1.57067	0.0516
37	Niagara Falls	Niagara Falls	0.03261	0.0011
38	Niagara Falls	North Bay Junction	1.03446	0.0340
39	Niagara Falls	Philipsburg	1.60621	0.0528
40	Niagara Falls	Spruce	4.16870	0.1371
41	Niagara Falls	St. Clair	0.69187	0.0228
42	Niagara Falls	Welwyn	4.71796	0.1551
43	Niagara Falls	Dawn Export	0.64336	0.0212
44	Niagara Falls	Union Parkway Belt	0.30274	0.0100
45	Niagara Falls	Union CDA	0.19254	0.0063
46	Niagara Falls	Union ECDA	0.27929	0.0092
47	Nipigon WDA	Empress	-	0.1119
48	Nipigon WDA	TransGas SSDA	-	0.0829
49	Nipigon WDA	Centram SSDA	-	0.0710
50	Nipigon WDA	Centram MDA	-	0.0531
51	Nipigon WDA	Centrat MDA	-	0.0448
52	Nipigon WDA	Union WDA	-	0.0143
53	Nipigon WDA	Nipigon WDA	-	0.0011

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
54	Nipigon WDA	Union NDA	-	0.0514
55	Nipigon WDA	Calstock NDA	-	0.0232
56	Nipigon WDA	Tunis NDA	-	0.0406
57	Nipigon WDA	GMIT NDA	-	0.0550
58	Nipigon WDA	Union SSMDA	-	0.1310
59	Nipigon WDA	Union NCDA	-	0.0748
60	Nipigon WDA	Union EDA	-	0.0953
61	Nipigon WDA	Enbridge CDA	-	0.0866
62	Nipigon WDA	Enbridge Parkway CDA	-	0.0871
63	Nipigon WDA	Enbridge EDA	-	0.0905
64	Nipigon WDA	KPUC EDA	-	0.0995
65	Nipigon WDA	GMIT EDA	-	0.1054
66	Nipigon WDA	Enbridge SWDA	-	0.1023
67	Nipigon WDA	Union SWDA	-	0.1025
68	Nipigon WDA	Chippawa	-	0.0961
1	Nipigon WDA	Cornwall	-	0.0941
2	Nipigon WDA	East Hereford	-	0.1179
3	Nipigon WDA	Emerson 1	-	0.0543
4	Nipigon WDA	Emerson 2	-	0.0543
5	Nipigon WDA	Iroquois	-	0.0919
6	Nipigon WDA	Kirkwall	-	0.0896
7	Nipigon WDA	Napierville	-	0.1044
8	Nipigon WDA	Niagara Falls	-	0.0960
9	Nipigon WDA	North Bay Junction	-	0.0630
10	Nipigon WDA	Philipsburg	-	0.1055
11	Nipigon WDA	Spruce	-	0.0448
12	Nipigon WDA	St. Clair	-	0.1039
13	Nipigon WDA	Welwyn	-	0.0710
14	Nipigon WDA	Dawn Export	-	0.1023
15	Nipigon WDA	Union Parkway Belt	-	0.0871
16	Nipigon WDA	Union CDA	-	0.0912
17	Nipigon WDA	Union ECDA	-	0.0879
18	North Bay Junction	Empress	5.28747	0.1738
19	North Bay Junction	TransGas SSDA	4.40439	0.1448
20	North Bay Junction	Centram SSDA	4.04263	0.1329
21	North Bay Junction	Centram MDA	3.49864	0.1150
22	North Bay Junction	Centrat MDA	3.24746	0.1068
23	North Bay Junction	Union WDA	2.30428	0.0758
24	North Bay Junction	Nipigon WDA	1.91707	0.0630
25	North Bay Junction	Union NDA	0.38707	0.0127
26	North Bay Junction	Calstock NDA	1.24383	0.0409
27	North Bay Junction	Tunis NDA	0.71379	0.0235
28	North Bay Junction	GMIT NDA	0.31992	0.0105
29	North Bay Junction	Union SSMDA	2.46476	0.0810
30	North Bay Junction	Union NCDA	0.38970	0.0128
31	North Bay Junction	Union EDA	1.01437	0.0334
33	North Bay Junction	Enbridge CDA	0.75057	0.0247
34	North Bay Junction	Enbridge Parkway CDA	0.76433	0.0251
35	North Bay Junction	Enbridge EDA	0.86922	0.0286
36	North Bay Junction	KPUC EDA	1.14116	0.0375
37	North Bay Junction	GMIT EDA	1.32136	0.0434
38	North Bay Junction	Enbridge SWDA	1.22614	0.0403
39	North Bay Junction	Union SWDA	1.23345	0.0406
40	North Bay Junction	Chippawa	1.03932	0.0342
41	North Bay Junction	Cornwall	0.97728	0.0321
42	North Bay Junction	East Hereford	1.70236	0.0560
43	North Bay Junction	Emerson 1	3.53634	0.1163
44	North Bay Junction	Emerson 2	3.53634	0.1163
45	North Bay Junction	Iroquois	0.90962	0.0299
46	North Bay Junction	Kirkwall	0.84211	0.0277
47	North Bay Junction	Napierville	1.29001	0.0424
48	North Bay Junction	Niagara Falls	1.03446	0.0340
49	North Bay Junction	North Bay Junction	0.03261	0.0011
50	North Bay Junction	Philipsburg	1.32555	0.0436
51	North Bay Junction	Spruce	3.24746	0.1068
52	North Bay Junction	St. Clair	1.27465	0.0419

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
53	North Bay Junction	Welwyn	4.04263	0.1329
54	North Bay Junction	Dawn Export	1.22614	0.0403
55	North Bay Junction	Union Parkway Belt	0.76433	0.0251
56	North Bay Junction	Union CDA	0.88853	0.0292
57	North Bay Junction	Union ECDA	0.78778	0.0259
58	Philipsburg	Empress	6.58041	0.2163
59	Philipsburg	TransGas SSDA	5.69736	0.1873
60	Philipsburg	Centram SSDA	5.33557	0.1754
61	Philipsburg	Centram MDA	4.79152	0.1575
62	Philipsburg	Centrat MDA	4.54043	0.1493
63	Philipsburg	Union WDA	3.59726	0.1183
64	Philipsburg	Nipigon WDA	3.21001	0.1055
65	Philipsburg	Union NDA	1.68010	0.0552
66	Philipsburg	Calstock NDA	2.53677	0.0834
67	Philipsburg	Tunis NDA	2.00673	0.0660
68	Philipsburg	GMIT NDA	1.61288	0.0530
1	Philipsburg	Union SSMDA	3.03650	0.0998
2	Philipsburg	Union NCDA	1.49609	0.0492
3	Philipsburg	Union EDA	0.68287	0.0225
4	Philipsburg	Enbridge CDA	1.27585	0.0420
5	Philipsburg	Enbridge Parkway CDA	1.33608	0.0439
6	Philipsburg	Enbridge EDA	0.63418	0.0209
7	Philipsburg	KPUC EDA	0.71747	0.0236
8	Philipsburg	GMIT EDA	0.42990	0.0141
9	Philipsburg	Enbridge SWDA	1.79789	0.0591
10	Philipsburg	Union SWDA	1.80522	0.0594
11	Philipsburg	Chippawa	1.61107	0.0530
12	Philipsburg	Cornwall	0.38088	0.0125
13	Philipsburg	East Hereford	0.85996	0.0283
14	Philipsburg	Emerson 1	4.82928	0.1588
15	Philipsburg	Emerson 2	4.82928	0.1588
16	Philipsburg	Iroquois	0.48594	0.0160
17	Philipsburg	Kirkwall	1.41385	0.0465
18	Philipsburg	Napierville	0.21963	0.0072
19	Philipsburg	Niagara Falls	1.60621	0.0528
20	Philipsburg	North Bay Junction	1.32555	0.0436
21	Philipsburg	Philipsburg	0.03261	0.0011
22	Philipsburg	Spruce	4.54043	0.1493
23	Philipsburg	St. Clair	1.84639	0.0607
24	Philipsburg	Welwyn	5.33557	0.1754
25	Philipsburg	Dawn Export	1.79789	0.0591
26	Philipsburg	Union Parkway Belt	1.33608	0.0439
27	Philipsburg	Union CDA	1.46030	0.0480
28	Philipsburg	Union ECDA	1.35949	0.0447
29	Richmond	Empress	0.03713	0.0012
30	Richmond	TransGas SSDA	0.91119	0.0300
31	Richmond	Centram SSDA	1.27294	0.0419
33	Richmond	Centram MDA	1.82213	0.0599
34	Richmond	Centrat MDA	2.06808	0.0680
35	Richmond	Union WDA	3.09586	0.1018
36	Richmond	Nipigon WDA	3.39850	0.1117
37	Richmond	Union NDA	4.92992	0.1621
38	Richmond	Calstock NDA	4.07171	0.1339
39	Richmond	Tunis NDA	4.60177	0.1513
40	Richmond	GMIT NDA	5.03798	0.1656
41	Richmond	Union SSMDA	4.44246	0.1461
42	Richmond	Union NCDA	5.64004	0.1854
43	Richmond	Union EDA	6.25754	0.2057
44	Richmond	Enbridge CDA	5.93119	0.1950
45	Richmond	Enbridge Parkway CDA	5.80935	0.1910
46	Richmond	Enbridge EDA	6.11809	0.2011
47	Richmond	KPUC EDA	6.39150	0.2101
48	Richmond	GMIT EDA	6.57170	0.2161
49	Richmond	Enbridge SWDA	5.34754	0.1758
50	Richmond	Union SWDA	5.34021	0.1756
51	Richmond	Chippawa	5.96315	0.1961

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
52	Richmond	Cornwall	6.22762	0.2047
53	Richmond	East Hereford	6.95268	0.2286
54	Richmond	Emerson 1	2.11105	0.0694
55	Richmond	Emerson 2	2.11105	0.0694
56	Richmond	Iroquois	6.15996	0.2025
57	Richmond	Kirkwall	5.73157	0.1884
58	Richmond	Napierville	6.54035	0.2150
59	Richmond	Niagara Falls	5.95829	0.1959
60	Richmond	North Bay Junction	5.28295	0.1737
61	Richmond	Philipsburg	6.57589	0.2162
62	Richmond	Spruce	2.06808	0.0680
63	Richmond	St. Clair	5.29903	0.1742
64	Richmond	Welwyn	1.27294	0.0419
65	Richmond	Dawn Export	5.34754	0.1758
66	Richmond	Union Parkway Belt	5.80935	0.1910
67	Richmond	Union CDA	5.79838	0.1906
68	Richmond	Union ECDA	5.83276	0.1918
1	Sainte-Genevieve-de-Berthier	Empress	6.61156	0.2174
2	Sainte-Genevieve-de-Berthier	TransGas SSDA	5.72854	0.1883
3	Sainte-Genevieve-de-Berthier	Centram SSDA	5.36673	0.1764
4	Sainte-Genevieve-de-Berthier	Centram MDA	4.82261	0.1586
5	Sainte-Genevieve-de-Berthier	Centrat MDA	4.57157	0.1503
6	Sainte-Genevieve-de-Berthier	Union WDA	3.62838	0.1193
7	Sainte-Genevieve-de-Berthier	Nipigon WDA	3.24115	0.1066
8	Sainte-Genevieve-de-Berthier	Union NDA	1.71124	0.0563
9	Sainte-Genevieve-de-Berthier	Calstock NDA	2.56793	0.0844
10	Sainte-Genevieve-de-Berthier	Tunis NDA	2.03789	0.0670
11	Sainte-Genevieve-de-Berthier	GMIT NDA	1.64401	0.0541
12	Sainte-Genevieve-de-Berthier	Union SSM DA	3.06767	0.1009
13	Sainte-Genevieve-de-Berthier	Union NCDA	1.52725	0.0502
14	Sainte-Genevieve-de-Berthier	Union EDA	0.71409	0.0235
15	Sainte-Genevieve-de-Berthier	Enbridge CDA	1.30701	0.0430
16	Sainte-Genevieve-de-Berthier	Enbridge Parkway CDA	1.36722	0.0450
17	Sainte-Genevieve-de-Berthier	Enbridge EDA	0.66530	0.0219
18	Sainte-Genevieve-de-Berthier	KPUC EDA	0.74862	0.0246
19	Sainte-Genevieve-de-Berthier	GMIT EDA	0.29087	0.0096
20	Sainte-Genevieve-de-Berthier	Enbridge SWDA	1.82903	0.0601
21	Sainte-Genevieve-de-Berthier	Union SWDA	1.83634	0.0604
22	Sainte-Genevieve-de-Berthier	Chippawa	1.64222	0.0540
23	Sainte-Genevieve-de-Berthier	Cornwall	0.41203	0.0136
24	Sainte-Genevieve-de-Berthier	East Hereford	0.57075	0.0188
25	Sainte-Genevieve-de-Berthier	Emerson 1	4.86042	0.1598
26	Sainte-Genevieve-de-Berthier	Emerson 2	4.86042	0.1598
27	Sainte-Genevieve-de-Berthier	Iroquois	0.51708	0.0170
28	Sainte-Genevieve-de-Berthier	Kirkwall	1.44500	0.0475
29	Sainte-Genevieve-de-Berthier	Napierville	0.47877	0.0157
30	Sainte-Genevieve-de-Berthier	Niagara Falls	1.63735	0.0538
31	Sainte-Genevieve-de-Berthier	North Bay Junction	1.35672	0.0446
33	Sainte-Genevieve-de-Berthier	Philipsburg	0.51431	0.0169
34	Sainte-Genevieve-de-Berthier	Spruce	4.57157	0.1503
35	Sainte-Genevieve-de-Berthier	St. Clair	1.87754	0.0617
36	Sainte-Genevieve-de-Berthier	Welwyn	5.36673	0.1764
37	Sainte-Genevieve-de-Berthier	Dawn Export	1.82903	0.0601
38	Sainte-Genevieve-de-Berthier	Union Parkway Belt	1.36722	0.0450
39	Sainte-Genevieve-de-Berthier	Union CDA	1.49143	0.0490
40	Sainte-Genevieve-de-Berthier	Union ECDA	1.39067	0.0457
41	Shackleton	Empress	0.22114	0.0073
42	Shackleton	TransGas SSDA	0.72995	0.0240
43	Shackleton	Centram SSDA	1.08893	0.0358
44	Shackleton	Centram MDA	1.63825	0.0539
45	Shackleton	Centrat MDA	1.88407	0.0619
46	Shackleton	Union WDA	2.91183	0.0957
47	Shackleton	Nipigon WDA	3.21449	0.1057
48	Shackleton	Union NDA	4.74593	0.1560
49	Shackleton	Calstock NDA	3.88771	0.1278
50	Shackleton	Tunis NDA	4.41777	0.1452

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
51	Shackleton	GMIT NDA	4.85397	0.1596
52	Shackleton	Union SSMDA	4.25845	0.1400
53	Shackleton	Union NCDA	5.45603	0.1794
54	Shackleton	Union EDA	6.07341	0.1997
55	Shackleton	Enbridge CDA	5.74719	0.1890
56	Shackleton	Enbridge Parkway CDA	5.62534	0.1849
57	Shackleton	Enbridge EDA	5.93404	0.1951
58	Shackleton	KPUC EDA	6.20749	0.2041
59	Shackleton	GMIT EDA	6.38763	0.2100
60	Shackleton	Enbridge SWDA	5.16353	0.1698
61	Shackleton	Union SWDA	5.15620	0.1695
62	Shackleton	Chippawa	5.77914	0.1900
63	Shackleton	Cornwall	6.04361	0.1987
64	Shackleton	East Hereford	6.76867	0.2225
65	Shackleton	Emerson 1	1.92704	0.0634
66	Shackleton	Emerson 2	1.92704	0.0634
67	Shackleton	Iroquois	5.97595	0.1965
68	Shackleton	Kirkwall	5.54756	0.1824
1	Shackleton	Napierville	6.35635	0.2090
2	Shackleton	Niagara Falls	5.77428	0.1898
3	Shackleton	North Bay Junction	5.09894	0.1676
4	Shackleton	Philipsburg	6.39189	0.2101
5	Shackleton	Spruce	1.88407	0.0619
6	Shackleton	St. Clair	5.11502	0.1682
7	Shackleton	Welwyn	1.08893	0.0358
8	Shackleton	Dawn Export	5.16353	0.1698
9	Shackleton	Union Parkway Belt	5.62534	0.1849
10	Shackleton	Union CDA	5.61435	0.1846
11	Shackleton	Union ECDA	5.64875	0.1857
12	Spruce	Empress	-	0.0681
13	Spruce	TransGas SSDA	-	0.0391
14	Spruce	Centram SSDA	-	0.0272
15	Spruce	Centram MDA	-	0.0093
16	Spruce	Centrat MDA	-	0.0011
17	Spruce	Union WDA	-	0.0349
18	Spruce	Nipigon WDA	-	0.0448
19	Spruce	Union NDA	-	0.0952
20	Spruce	Calstock NDA	-	0.0670
21	Spruce	Tunis NDA	-	0.0844
22	Spruce	GMIT NDA	-	0.0987
23	Spruce	Union SSMDA	-	0.0872
24	Spruce	Union NCDA	-	0.1185
25	Spruce	Union EDA	-	0.1390
26	Spruce	Enbridge CDA	-	0.1299
27	Spruce	Enbridge Parkway CDA	-	0.1308
28	Spruce	Enbridge EDA	-	0.1343
29	Spruce	KPUC EDA	-	0.1432
30	Spruce	GMIT EDA	-	0.1491
31	Spruce	Enbridge SWDA	-	0.1170
33	Spruce	Union SWDA	-	0.1167
34	Spruce	Chippawa	-	0.1372
35	Spruce	Cornwall	-	0.1378
36	Spruce	East Hereford	-	0.1617
37	Spruce	Emerson 1	-	0.0106
38	Spruce	Emerson 2	-	0.0106
39	Spruce	Iroquois	-	0.1356
40	Spruce	Kirkwall	-	0.1296
41	Spruce	Napierville	-	0.1481
42	Spruce	Niagara Falls	-	0.1371
43	Spruce	North Bay Junction	-	0.1068
44	Spruce	Philipsburg	-	0.1493
45	Spruce	Spruce	-	0.0011
46	Spruce	St. Clair	-	0.1154
47	Spruce	Welwyn	-	0.0272
48	Spruce	Dawn Export	-	0.1170
49	Spruce	Union Parkway Belt	-	0.1308

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
50	Spruce	Union CDA	-	0.1318
51	Spruce	Union ECDA	-	0.1316
52	SS. Marie	Empress	4.42499	0.1455
53	SS. Marie	TransGas SSDA	3.54192	0.1165
54	SS. Marie	Centram SSDA	3.18015	0.1046
55	SS. Marie	Centram MDA	2.63289	0.0866
56	SS. Marie	Centrat MDA	2.63089	0.0865
57	SS. Marie	Union WDA	3.65409	0.1201
58	SS. Marie	Nipigon WDA	3.96131	0.1302
59	SS. Marie	Union NDA	2.79577	0.0919
60	SS. Marie	Calstock NDA	3.65399	0.1201
61	SS. Marie	Tunis NDA	3.12395	0.1027
62	SS. Marie	GMIT NDA	2.73008	0.0898
63	SS. Marie	Union SSMDA	0.05459	0.0018
64	SS. Marie	Union NCDA	2.08571	0.0686
65	SS. Marie	Union EDA	2.36766	0.0778
66	SS. Marie	Enbridge CDA	1.85926	0.0611
67	SS. Marie	Enbridge Parkway CDA	1.71106	0.0563
68	SS. Marie	Enbridge EDA	2.64748	0.0870
1	SS. Marie	KPUC EDA	2.32966	0.0766
2	SS. Marie	GMIT EDA	3.01029	0.0990
3	SS. Marie	Enbridge SWDA	1.24924	0.0411
4	SS. Marie	Union SWDA	1.24194	0.0408
5	SS. Marie	Chippawa	1.86486	0.0613
6	SS. Marie	Cornwall	2.66623	0.0877
7	SS. Marie	East Hereford	3.39131	0.1115
8	SS. Marie	Emerson 1	2.34204	0.0770
9	SS. Marie	Emerson 2	2.34204	0.0770
10	SS. Marie	Iroquois	2.60203	0.0856
11	SS. Marie	Kirkwall	1.63328	0.0537
12	SS. Marie	Napierville	2.97896	0.0979
13	SS. Marie	Niagara Falls	1.85999	0.0612
14	SS. Marie	North Bay Junction	2.44277	0.0803
15	SS. Marie	Philipsburg	3.01450	0.0991
16	SS. Marie	Spruce	2.63089	0.0865
17	SS. Marie	St. Clair	1.20074	0.0395
18	SS. Marie	Welwyn	3.18015	0.1046
19	SS. Marie	Dawn Export	1.24924	0.0411
20	SS. Marie	Union Parkway Belt	1.71106	0.0563
21	SS. Marie	Union CDA	1.70006	0.0559
22	SS. Marie	Union ECDA	1.73448	0.0570
23	St. Clair	Empress	5.30355	0.1744
24	St. Clair	TransGas SSDA	4.42043	0.1453
25	St. Clair	Centram SSDA	4.05871	0.1334
26	St. Clair	Centram MDA	3.51140	0.1154
27	St. Clair	Centrat MDA	3.50945	0.1154
28	St. Clair	Union WDA	3.50969	0.1154
29	St. Clair	Nipigon WDA	3.15910	0.1039
30	St. Clair	Union NDA	1.62768	0.0535
31	St. Clair	Calstock NDA	2.48586	0.0817
33	St. Clair	Tunis NDA	1.95582	0.0643
34	St. Clair	GMIT NDA	1.56196	0.0514
35	St. Clair	Union SSMDA	1.22274	0.0402
36	St. Clair	Union NCDA	0.91756	0.0302
37	St. Clair	Union EDA	1.19954	0.0394
38	St. Clair	Enbridge EDA	1.47929	0.0486
39	St. Clair	Enbridge CDA	0.69113	0.0227
40	St. Clair	Enbridge Parkway CDA	0.54293	0.0179
41	St. Clair	KPUC EDA	1.16153	0.0382
42	St. Clair	GMIT EDA	1.84214	0.0606
43	St. Clair	Enbridge SWDA	0.08112	0.0027
44	St. Clair	Union SWDA	0.07379	0.0024
45	St. Clair	Chippawa	0.69673	0.0229
46	St. Clair	Cornwall	1.49812	0.0493
47	St. Clair	East Hereford	2.22318	0.0731
48	St. Clair	Emerson 1	3.22059	0.1059

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
49	St. Clair	Emerson 2	3.22059	0.1059
50	St. Clair	Iroquois	1.41190	0.0464
51	St. Clair	Kirkwall	0.46515	0.0153
52	St. Clair	Napierville	1.81086	0.0595
53	St. Clair	Niagara Falls	0.69187	0.0228
54	St. Clair	North Bay Junction	1.27465	0.0419
55	St. Clair	Philipsburg	1.84639	0.0607
56	St. Clair	Spruce	3.50945	0.1154
57	St. Clair	St. Clair	0.03261	0.0011
58	St. Clair	Welwyn	4.05871	0.1334
59	St. Clair	Dawn Export	0.08112	0.0027
60	St. Clair	Union Parkway Belt	0.54293	0.0179
61	St. Clair	Union CDA	0.53194	0.0175
62	St. Clair	Union ECDA	0.56636	0.0186
63	Steeleman	Empress	0.81410	0.0268
64	Steeleman	TransGas SSDA	0.15696	0.0052
65	Steeleman	Centram SSDA	0.49597	0.0163
66	Steeleman	Centram MDA	1.04529	0.0344
67	Steeleman	Centrat MDA	1.29113	0.0425
68	Steeleman	Union WDA	2.31889	0.0762
1	Steeleman	Nipigon WDA	2.62153	0.0862
2	Steeleman	Union NDA	4.15301	0.1365
3	Steeleman	Calstock NDA	3.29477	0.1083
4	Steeleman	Tunis NDA	3.82481	0.1258
5	Steeleman	GMIT NDA	4.26103	0.1401
6	Steeleman	Union SSMDA	3.66551	0.1205
7	Steeleman	Union NCDA	4.86307	0.1599
8	Steeleman	Union EDA	5.48054	0.1802
9	Steeleman	Enbridge CDA	5.15423	0.1695
10	Steeleman	Enbridge Parkway CDA	5.03238	0.1655
11	Steeleman	Enbridge EDA	5.34111	0.1756
12	Steeleman	KPUC EDA	5.61453	0.1846
13	Steeleman	GMIT EDA	5.79469	0.1905
14	Steeleman	Enbridge SWDA	4.57057	0.1503
15	Steeleman	Union SWDA	4.56326	0.1500
16	Steeleman	Chippawa	5.18618	0.1705
17	Steeleman	Cornwall	5.45066	0.1792
18	Steeleman	East Hereford	6.17574	0.2030
19	Steeleman	Emerson 1	1.33408	0.0439
20	Steeleman	Emerson 2	1.33408	0.0439
21	Steeleman	Iroquois	5.38300	0.1770
22	Steeleman	Kirkwall	4.95461	0.1629
23	Steeleman	Napierville	5.76339	0.1895
24	Steeleman	Niagara Falls	5.18132	0.1703
25	Steeleman	North Bay Junction	4.50598	0.1481
26	Steeleman	Philipsburg	5.79893	0.1907
27	Steeleman	Spruce	1.29113	0.0425
28	Steeleman	St. Clair	4.52207	0.1487
29	Steeleman	Welwyn	0.49597	0.0163
30	Steeleman	Dawn Export	4.57057	0.1503
31	Steeleman	Union Parkway Belt	5.03238	0.1655
33	Steeleman	Union CDA	5.02139	0.1651
34	Steeleman	Union ECDA	5.05583	0.1662
35	Success	Empress	0.30842	0.0101
36	Success	TransGas SSDA	0.64519	0.0212
37	Success	Centram SSDA	1.00165	0.0329
38	Success	Centram MDA	1.55088	0.0510
39	Success	Centrat MDA	1.79679	0.0591
40	Success	Union WDA	2.82459	0.0929
41	Success	Nipigon WDA	3.12721	0.1028
42	Success	Union NDA	4.65865	0.1532
43	Success	Calstock NDA	3.80042	0.1250
44	Success	Tunis NDA	4.33046	0.1424
45	Success	GMIT NDA	4.76669	0.1567
46	Success	Union SSMDA	4.17117	0.1371
47	Success	Union NCDA	5.36873	0.1765

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
48	Success	Union EDA	5.98609	0.1968
49	Success	Enbridge CDA	5.65988	0.1861
50	Success	Enbridge Parkway CDA	5.53804	0.1821
51	Success	Enbridge EDA	5.84678	0.1922
52	Success	KPUC EDA	6.12021	0.2012
53	Success	GMIT EDA	6.30029	0.2071
54	Success	Enbridge SWDA	5.07623	0.1669
55	Success	Union SWDA	5.06890	0.1667
56	Success	Chippawa	5.69186	0.1871
57	Success	Cornwall	5.95633	0.1958
58	Success	East Hereford	6.68139	0.2197
59	Success	Emerson 1	1.83976	0.0605
60	Success	Emerson 2	1.83976	0.0605
61	Success	Iroquois	5.88867	0.1936
62	Success	Kirkwall	5.46026	0.1795
63	Success	Napierville	6.26906	0.2061
64	Success	Niagara Falls	5.68700	0.1870
65	Success	North Bay Junction	5.01164	0.1648
66	Success	Philipsburg	6.30460	0.2073
67	Success	Spruce	1.79679	0.0591
68	Success	St. Clair	5.02774	0.1653
1	Success	Welwyn	1.00165	0.0329
2	Success	Dawn Export	5.07623	0.1669
3	Success	Union Parkway Belt	5.53804	0.1821
4	Success	Union CDA	5.52707	0.1817
5	Success	Union ECDA	5.56147	0.1828
6	Suffield 2	Empress	0.03674	0.0012
7	Suffield 2	TransGas SSDA	0.91156	0.0300
8	Suffield 2	Centram SSDA	1.27332	0.0419
9	Suffield 2	Centram MDA	1.82252	0.0599
10	Suffield 2	Centrat MDA	2.06847	0.0680
11	Suffield 2	Union WDA	3.09625	0.1018
12	Suffield 2	Nipigon WDA	3.39888	0.1117
13	Suffield 2	Union NDA	4.93034	0.1621
14	Suffield 2	Calstock NDA	4.07210	0.1339
15	Suffield 2	Tunis NDA	4.60214	0.1513
16	Suffield 2	GMIT NDA	5.03837	0.1656
17	Suffield 2	Union SSMDA	4.44284	0.1461
18	Suffield 2	Union NCDA	5.64044	0.1854
19	Suffield 2	Union EDA	6.25787	0.2057
20	Suffield 2	Enbridge CDA	5.93158	0.1950
21	Suffield 2	Enbridge Parkway CDA	5.80972	0.1910
22	Suffield 2	Enbridge EDA	6.11850	0.2012
23	Suffield 2	KPUC EDA	6.39189	0.2101
24	Suffield 2	GMIT EDA	6.57203	0.2161
25	Suffield 2	Enbridge SWDA	5.34790	0.1758
26	Suffield 2	Union SWDA	5.34060	0.1756
27	Suffield 2	Chippawa	5.96354	0.1961
28	Suffield 2	Cornwall	6.22801	0.2048
29	Suffield 2	East Hereford	6.95307	0.2286
30	Suffield 2	Emerson 1	2.11144	0.0694
31	Suffield 2	Emerson 2	2.11144	0.0694
33	Suffield 2	Iroquois	6.16035	0.2025
34	Suffield 2	Kirkwall	5.73194	0.1885
35	Suffield 2	Napierville	6.54074	0.2150
36	Suffield 2	Niagara Falls	5.95867	0.1959
37	Suffield 2	North Bay Junction	5.28332	0.1737
38	Suffield 2	Philipsburg	6.57628	0.2162
39	Suffield 2	Spruce	2.06847	0.0680
40	Suffield 2	St. Clair	5.29942	0.1742
41	Suffield 2	Welwyn	1.27332	0.0419
42	Suffield 2	Dawn Export	5.34790	0.1758
43	Suffield 2	Union Parkway Belt	5.80972	0.1910
44	Suffield 2	Union CDA	5.79874	0.1906
45	Suffield 2	Union ECDA	5.83314	0.1918
46	TransGas SSDA	Empress	-	0.0301



Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
47	TransGas SSDA	TransGas SSDA	-	0.0011
48	TransGas SSDA	Centram SSDA	-	0.0130
49	TransGas SSDA	Centram MDA	-	0.0310
50	TransGas SSDA	Centrat MDA	-	0.0391
51	TransGas SSDA	Union WDA	-	0.0729
52	TransGas SSDA	Nipigon WDA	-	0.0829
53	TransGas SSDA	Union NDA	-	0.1332
54	TransGas SSDA	Calstock NDA	-	0.1050
55	TransGas SSDA	Tunis NDA	-	0.1224
56	TransGas SSDA	GMIT NDA	-	0.1368
57	TransGas SSDA	Union SSMDA	-	0.1172
58	TransGas SSDA	Union NCDA	-	0.1565
59	TransGas SSDA	Union EDA	-	0.1768
60	TransGas SSDA	Enbridge CDA	-	0.1661
61	TransGas SSDA	Enbridge Parkway CDA	-	0.1621
62	TransGas SSDA	Enbridge EDA	-	0.1723
63	TransGas SSDA	KPUC EDA	-	0.1813
64	TransGas SSDA	GMIT EDA	-	0.1872
65	TransGas SSDA	Enbridge SWDA	-	0.1469
66	TransGas SSDA	Union SWDA	-	0.1467
67	TransGas SSDA	Chippawa	-	0.1672
68	TransGas SSDA	Cornwall	-	0.1759
1	TransGas SSDA	East Hereford	-	0.1997
2	TransGas SSDA	Emerson 1	-	0.0405
3	TransGas SSDA	Emerson 2	-	0.0405
4	TransGas SSDA	Iroquois	-	0.1736
5	TransGas SSDA	Kirkwall	-	0.1596
6	TransGas SSDA	Napierville	-	0.1861
7	TransGas SSDA	Niagara Falls	-	0.1670
8	TransGas SSDA	North Bay Junction	-	0.1448
9	TransGas SSDA	Philipsburg	-	0.1873
10	TransGas SSDA	Spruce	-	0.0391
11	TransGas SSDA	St. Clair	-	0.1453
12	TransGas SSDA	Welwyn	-	0.0130
13	TransGas SSDA	Dawn Export	-	0.1469
14	TransGas SSDA	Union Parkway Belt	-	0.1621
15	TransGas SSDA	Union CDA	-	0.1618
16	TransGas SSDA	Union ECDA	-	0.1629
17	Tunis NDA	Empress	-	0.1514
18	Tunis NDA	TransGas SSDA	-	0.1224
19	Tunis NDA	Centram SSDA	-	0.1105
20	Tunis NDA	Centram MDA	-	0.0926
21	Tunis NDA	Centrat MDA	-	0.0844
22	Tunis NDA	Union WDA	-	0.0534
23	Tunis NDA	Nipigon WDA	-	0.0406
24	Tunis NDA	Union NDA	-	0.0139
25	Tunis NDA	Calstock NDA	-	0.0185
26	Tunis NDA	Tunis NDA	-	0.0011
27	Tunis NDA	GMIT NDA	-	0.0154
28	Tunis NDA	Union SSMDA	-	0.1034
29	Tunis NDA	Union NCDA	-	0.0352
30	Tunis NDA	Union EDA	-	0.0557
31	Tunis NDA	Enbridge CDA	-	0.0471
33	Tunis NDA	Enbridge Parkway CDA	-	0.0475
34	Tunis NDA	Enbridge EDA	-	0.0510
35	Tunis NDA	KPUC EDA	-	0.0599
36	Tunis NDA	GMIT EDA	-	0.0658
37	Tunis NDA	Enbridge SWDA	-	0.0627
38	Tunis NDA	Union SWDA	-	0.0630
39	Tunis NDA	Chippawa	-	0.0566
40	Tunis NDA	Cornwall	-	0.0545
41	Tunis NDA	East Hereford	-	0.0784
42	Tunis NDA	Emerson 1	-	0.0939
43	Tunis NDA	Emerson 2	-	0.0939
44	Tunis NDA	Iroquois	-	0.0523
45	Tunis NDA	Kirkwall	-	0.0501

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
46	Tunis NDA	Napierville	-	0.0648
47	Tunis NDA	Niagara Falls	-	0.0564
48	Tunis NDA	North Bay Junction	-	0.0235
49	Tunis NDA	Philipsburg	-	0.0660
50	Tunis NDA	Spruce	-	0.0844
51	Tunis NDA	St. Clair	-	0.0643
52	Tunis NDA	Welwyn	-	0.1105
53	Tunis NDA	Dawn Export	-	0.0627
54	Tunis NDA	Union Parkway Belt	-	0.0475
55	Tunis NDA	Union CDA	-	0.0516
56	Tunis NDA	Union ECDA	-	0.0483
57	Union CDA	Empress	-	0.1908
58	Union CDA	TransGas SSDA	-	0.1618
59	Union CDA	Centram SSDA	-	0.1499
60	Union CDA	Centram MDA	-	0.1319
61	Union CDA	Centrat MDA	-	0.1318
62	Union CDA	Union WDA	-	0.1039
63	Union CDA	Nipigon WDA	-	0.0912
64	Union CDA	Union NDA	-	0.0408
65	Union CDA	Calstock NDA	-	0.0690
66	Union CDA	Tunis NDA	-	0.0516
67	Union CDA	GMIT NDA	-	0.0387
68	Union CDA	Union SSMDA	-	0.0566
1	Union CDA	Union NCDA	-	0.0175
2	Union CDA	Union EDA	-	0.0267
3	Union CDA	Enbridge CDA	-	0.0094
4	Union CDA	Enbridge Parkway CDA	-	0.0052
5	Union CDA	Enbridge EDA	-	0.0359
6	Union CDA	KPUC EDA	-	0.0255
7	Union CDA	GMIT EDA	-	0.0479
8	Union CDA	Enbridge SWDA	-	0.0159
9	Union CDA	Union SWDA	-	0.0161
10	Union CDA	Chippawa	-	0.0065
11	Union CDA	Cornwall	-	0.0366
12	Union CDA	East Hereford	-	0.0604
13	Union CDA	Emerson 1	-	0.1223
14	Union CDA	Emerson 2	-	0.1223
15	Union CDA	Iroquois	-	0.0337
16	Union CDA	Kirkwall	-	0.0033
17	Union CDA	Napierville	-	0.0468
18	Union CDA	Niagara Falls	-	0.0063
19	Union CDA	North Bay Junction	-	0.0292
20	Union CDA	Philipsburg	-	0.0480
21	Union CDA	Spruce	-	0.1318
22	Union CDA	St. Clair	-	0.0175
23	Union CDA	Welwyn	-	0.1499
24	Union CDA	Dawn Export	-	0.0159
25	Union CDA	Union Parkway Belt	-	0.0052
26	Union CDA	Union CDA	-	0.0011
27	Union CDA	Union ECDA	-	0.0046
28	Union ECDA	Empress	-	0.1919
29	Union ECDA	TransGas SSDA	-	0.1629
30	Union ECDA	Centram SSDA	-	0.1510
31	Union ECDA	Centram MDA	-	0.1330
33	Union ECDA	Centrat MDA	-	0.1316
34	Union ECDA	Union WDA	-	0.1006
35	Union ECDA	Nipigon WDA	-	0.0879
36	Union ECDA	Union NDA	-	0.0375
37	Union ECDA	Calstock NDA	-	0.0657
38	Union ECDA	Tunis NDA	-	0.0483
39	Union ECDA	GMIT NDA	-	0.0353
40	Union ECDA	Union SSMDA	-	0.0578
41	Union ECDA	Union NCDA	-	0.0142
42	Union ECDA	Union EDA	-	0.0234
43	Union ECDA	Enbridge CDA	-	0.0071
44	Union ECDA	Enbridge Parkway CDA	-	0.0018

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
45	Union ECDA	Enbridge EDA	-	0.0326
46	Union ECDA	KPUC EDA	-	0.0222
47	Union ECDA	GMIT EDA	-	0.0446
48	Union ECDA	Enbridge SWDA	-	0.0170
49	Union ECDA	Union SWDA	-	0.0173
50	Union ECDA	Chippawa	-	0.0093
51	Union ECDA	Cornwall	-	0.0333
52	Union ECDA	East Hereford	-	0.0571
53	Union ECDA	Emerson 1	-	0.1234
54	Union ECDA	Emerson 2	-	0.1234
55	Union ECDA	Iroquois	-	0.0304
56	Union ECDA	Kirkwall	-	0.0044
57	Union ECDA	Napierville	-	0.0435
58	Union ECDA	Niagara Falls	-	0.0092
59	Union ECDA	North Bay Junction	-	0.0259
60	Union ECDA	Philipsburg	-	0.0447
61	Union ECDA	Spruce	-	0.1316
62	Union ECDA	St. Clair	-	0.0186
63	Union ECDA	Welwyn	-	0.1510
64	Union ECDA	Dawn Export	-	0.0170
65	Union ECDA	Union Parkway Belt	-	0.0018
66	Union ECDA	Union CDA	-	0.0046
67	Union ECDA	Union ECDA	-	0.0011
68	Union Dawn	Empress	5.35206	0.1760
1	Union Dawn	TransGas SSDA	4.46900	0.1469
2	Union Dawn	Centram SSDA	4.10721	0.1350
3	Union Dawn	Centram MDA	3.55991	0.1170
4	Union Dawn	Centrat MDA	3.55796	0.1170
5	Union Dawn	Union WDA	3.46947	0.1141
6	Union Dawn	Nipigon WDA	3.11060	0.1023
7	Union Dawn	Union NDA	1.57922	0.0519
8	Union Dawn	Calstock NDA	2.43736	0.0801
9	Union Dawn	Tunis NDA	1.90732	0.0627
10	Union Dawn	GMIT NDA	1.51345	0.0498
11	Union Dawn	Union SSMDA	1.27125	0.0418
12	Union Dawn	Union NCDA	0.86908	0.0286
13	Union Dawn	Union EDA	1.15101	0.0378
14	Union Dawn	Enbridge CDA	0.64261	0.0211
15	Union Dawn	Enbridge Parkway CDA	0.49442	0.0163
16	Union Dawn	Enbridge EDA	1.43081	0.0470
17	Union Dawn	KPUC EDA	1.11303	0.0366
18	Union Dawn	GMIT EDA	1.79366	0.0590
19	Union Dawn	Enbridge SWDA	0.03261	0.0011
20	Union Dawn	Union SWDA	0.03992	0.0013
21	Union Dawn	Chippawa	0.64822	0.0213
22	Union Dawn	Cornwall	1.44962	0.0477
23	Union Dawn	East Hereford	2.17468	0.0715
24	Union Dawn	Emerson 1	3.26910	0.1075
25	Union Dawn	Emerson 2	3.26910	0.1075
26	Union Dawn	Iroquois	1.36339	0.0448
27	Union Dawn	Kirkwall	0.41665	0.0137
28	Union Dawn	Napierville	1.76235	0.0579
29	Union Dawn	Niagara Falls	0.64336	0.0212
30	Union Dawn	North Bay Junction	1.22614	0.0403
31	Union Dawn	Philipsburg	1.79789	0.0591
33	Union Dawn	Spruce	3.55796	0.1170
34	Union Dawn	St. Clair	0.08112	0.0027
35	Union Dawn	Welwyn	4.10721	0.1350
36	Union Dawn	Dawn Export	0.03261	0.0011
37	Union Dawn	Union Parkway Belt	0.49442	0.0163
38	Union Dawn	Union CDA	0.48345	0.0159
39	Union Dawn	Union ECDA	0.51787	0.0170
40	Union EDA	Empress	-	0.2059
41	Union EDA	TransGas SSDA	-	0.1768
42	Union EDA	Centram SSDA	-	0.1650
43	Union EDA	Centram MDA	-	0.1470

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
44	Union EDA	Centrat MDA	-	0.1390
45	Union EDA	Union WDA	-	0.1080
46	Union EDA	Nipigon WDA	-	0.0953
47	Union EDA	Union NDA	-	0.0450
48	Union EDA	Calstock NDA	-	0.0732
49	Union EDA	Tunis NDA	-	0.0557
50	Union EDA	GMIT NDA	-	0.0428
51	Union EDA	Union SSMDA	-	0.0786
52	Union EDA	Union NCDA	-	0.0285
53	Union EDA	Union EDA	-	0.0011
54	Union EDA	Enbridge CDA	-	0.0207
55	Union EDA	Enbridge Parkway CDA	-	0.0227
56	Union EDA	Enbridge EDA	-	0.0129
57	Union EDA	KPUC EDA	-	0.0065
58	Union EDA	GMIT EDA	-	0.0223
59	Union EDA	Enbridge SWDA	-	0.0378
60	Union EDA	Union SWDA	-	0.0381
61	Union EDA	Chippawa	-	0.0317
62	Union EDA	Cornwall	-	0.0110
63	Union EDA	East Hereford	-	0.0348
64	Union EDA	Emerson 1	-	0.1423
65	Union EDA	Emerson 2	-	0.1423
66	Union EDA	Iroquois	-	0.0086
67	Union EDA	Kirkwall	-	0.0252
68	Union EDA	Napierville	-	0.0213
1	Union EDA	Niagara Falls	-	0.0315
2	Union EDA	North Bay Junction	-	0.0334
3	Union EDA	Philipsburg	-	0.0225
4	Union EDA	Spruce	-	0.1390
5	Union EDA	St. Clair	-	0.0394
6	Union EDA	Welwyn	-	0.1650
7	Union EDA	Dawn Export	-	0.0378
8	Union EDA	Union Parkway Belt	-	0.0227
9	Union EDA	Union CDA	-	0.0267
10	Union EDA	Union ECDA	-	0.0234
11	Union NCDA	Empress	-	0.1856
12	Union NCDA	TransGas SSDA	-	0.1565
13	Union NCDA	Centram SSDA	-	0.1447
14	Union NCDA	Centram MDA	-	0.1268
15	Union NCDA	Centrat MDA	-	0.1185
16	Union NCDA	Union WDA	-	0.0875
17	Union NCDA	Nipigon WDA	-	0.0748
18	Union NCDA	Union NDA	-	0.0244
19	Union NCDA	Calstock NDA	-	0.0526
20	Union NCDA	Tunis NDA	-	0.0352
21	Union NCDA	GMIT NDA	-	0.0223
22	Union NCDA	Union SSMDA	-	0.0693
23	Union NCDA	Union NCDA	-	0.0011
24	Union NCDA	Union EDA	-	0.0285
25	Union NCDA	Enbridge CDA	-	0.0129
26	Union NCDA	Enbridge Parkway CDA	-	0.0134
27	Union NCDA	Enbridge EDA	-	0.0349
28	Union NCDA	KPUC EDA	-	0.0275
29	Union NCDA	GMIT EDA	-	0.0490
30	Union NCDA	Enbridge SWDA	-	0.0286
31	Union NCDA	Union SWDA	-	0.0288
33	Union NCDA	Chippawa	-	0.0224
34	Union NCDA	Cornwall	-	0.0377
35	Union NCDA	East Hereford	-	0.0616
36	Union NCDA	Emerson 1	-	0.1280
37	Union NCDA	Emerson 2	-	0.1280
38	Union NCDA	Iroquois	-	0.0351
39	Union NCDA	Kirkwall	-	0.0160
40	Union NCDA	Napierville	-	0.0480
41	Union NCDA	Niagara Falls	-	0.0223
42	Union NCDA	North Bay Junction	-	0.0128

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
43	Union NCDA	Philipsburg	-	0.0492
44	Union NCDA	Spruce	-	0.1185
45	Union NCDA	St. Clair	-	0.0302
46	Union NCDA	Welwyn	-	0.1447
47	Union NCDA	Dawn Export	-	0.0286
48	Union NCDA	Union Parkway Belt	-	0.0134
49	Union NCDA	Union CDA	-	0.0175
50	Union NCDA	Union ECDA	-	0.0142
51	Union NDA	Empress	-	0.1622
52	Union NDA	TransGas SSDA	-	0.1332
53	Union NDA	Centram SSDA	-	0.1213
54	Union NDA	Centram MDA	-	0.1034
55	Union NDA	Centrat MDA	-	0.0952
56	Union NDA	Union WDA	-	0.0641
57	Union NDA	Nipigon WDA	-	0.0514
58	Union NDA	Union NDA	-	0.0011
59	Union NDA	Calstock NDA	-	0.0293
60	Union NDA	Tunis NDA	-	0.0139
61	Union NDA	GMIT NDA	-	0.0122
62	Union NDA	Union SSMDA	-	0.0926
63	Union NDA	Union NCDA	-	0.0244
64	Union NDA	Union EDA	-	0.0450
65	Union NDA	Enbridge CDA	-	0.0363
66	Union NDA	Enbridge Parkway CDA	-	0.0367
67	Union NDA	Enbridge EDA	-	0.0402
68	Union NDA	KPUC EDA	-	0.0492
1	Union NDA	GMIT EDA	-	0.0551
2	Union NDA	Enbridge SWDA	-	0.0519
3	Union NDA	Union SWDA	-	0.0522
4	Union NDA	Chippawa	-	0.0458
5	Union NDA	Cornwall	-	0.0438
6	Union NDA	East Hereford	-	0.0676
7	Union NDA	Emerson 1	-	0.1047
8	Union NDA	Emerson 2	-	0.1047
9	Union NDA	Iroquois	-	0.0416
10	Union NDA	Kirkwall	-	0.0393
11	Union NDA	Napierville	-	0.0541
12	Union NDA	Niagara Falls	-	0.0456
13	Union NDA	North Bay Junction	-	0.0127
14	Union NDA	Philipsburg	-	0.0552
15	Union NDA	Spruce	-	0.0952
16	Union NDA	St. Clair	-	0.0535
17	Union NDA	Welwyn	-	0.1213
18	Union NDA	Dawn Export	-	0.0519
19	Union NDA	Union Parkway Belt	-	0.0367
20	Union NDA	Union CDA	-	0.0408
21	Union NDA	Union ECDA	-	0.0375
22	Union Parkway Belt	Empress	5.81387	0.1911
23	Union Parkway Belt	TransGas SSDA	4.93081	0.1621
24	Union Parkway Belt	Centram SSDA	4.56902	0.1502
25	Union Parkway Belt	Centram MDA	4.02174	0.1322
26	Union Parkway Belt	Centrat MDA	3.97920	0.1308
27	Union Parkway Belt	Union WDA	3.03602	0.0998
28	Union Parkway Belt	Nipigon WDA	2.64878	0.0871
29	Union Parkway Belt	Union NDA	1.11736	0.0367
30	Union Parkway Belt	Calstock NDA	1.97555	0.0650
31	Union Parkway Belt	Tunis NDA	1.44551	0.0475
33	Union Parkway Belt	GMIT NDA	1.05162	0.0346
34	Union Parkway Belt	Union SSMDA	1.73306	0.0570
35	Union Parkway Belt	Union NCDA	0.40726	0.0134
36	Union Parkway Belt	Union EDA	0.68926	0.0227
37	Union Parkway Belt	Enbridge CDA	0.20233	0.0067
38	Union Parkway Belt	Enbridge Parkway CDA	0.03261	0.0011
39	Union Parkway Belt	Enbridge EDA	0.96900	0.0319
40	Union Parkway Belt	KPUC EDA	0.65122	0.0214
41	Union Parkway Belt	GMIT EDA	1.33184	0.0438

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge	Daily Equivalent
			(\$/GJ/Month)	Abandonment Surcharge (\$/GJ)
42	Union Parkway Belt	Enbridge SWDA	0.49442	0.0163
43	Union Parkway Belt	Union SWDA	0.50175	0.0165
44	Union Parkway Belt	Chippawa	0.30761	0.0101
45	Union Parkway Belt	Cornwall	0.98781	0.0325
46	Union Parkway Belt	East Hereford	1.71287	0.0563
47	Union Parkway Belt	Emerson 1	3.73091	0.1227
48	Union Parkway Belt	Emerson 2	3.73091	0.1227
49	Union Parkway Belt	Iroquois	0.90158	0.0296
50	Union Parkway Belt	Kirkwall	0.11039	0.0036
51	Union Parkway Belt	Napierville	1.30054	0.0428
52	Union Parkway Belt	Niagara Falls	0.30274	0.0100
53	Union Parkway Belt	North Bay Junction	0.76433	0.0251
54	Union Parkway Belt	Philipsburg	1.33608	0.0439
55	Union Parkway Belt	Spruce	3.97920	0.1308
56	Union Parkway Belt	St. Clair	0.54293	0.0179
57	Union Parkway Belt	Welwyn	4.56902	0.1502
58	Union Parkway Belt	Dawn Export	0.49442	0.0163
59	Union Parkway Belt	Union Parkway Belt	0.03261	0.0011
60	Union Parkway Belt	Union CDA	0.15682	0.0052
61	Union Parkway Belt	Union ECDA	0.05606	0.0018
62	Union SSMDA	Empress	-	0.1462
63	Union SSMDA	TransGas SSDA	-	0.1172
64	Union SSMDA	Centram SSDA	-	0.1053
65	Union SSMDA	Centram MDA	-	0.0873
66	Union SSMDA	Centrat MDA	-	0.0872
67	Union SSMDA	Union WDA	-	0.1209
68	Union SSMDA	Nipigon WDA	-	0.1310

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
1	Union SSMDA	Union NDA	-	0.0926
2	Union SSMDA	Calstock NDA	-	0.1209
3	Union SSMDA	Tunis NDA	-	0.1034
4	Union SSMDA	GMIT NDA	-	0.0905
5	Union SSMDA	Union SSMDA	-	0.0011
6	Union SSMDA	Union NCDA	-	0.0693
7	Union SSMDA	Union EDA	-	0.0786
8	Union SSMDA	Enbridge CDA	-	0.0618
9	Union SSMDA	Enbridge Parkway CDA	-	0.0570
10	Union SSMDA	Enbridge EDA	-	0.0878
11	Union SSMDA	KPUC EDA	-	0.0773
12	Union SSMDA	GMIT EDA	-	0.0997
13	Union SSMDA	Enbridge SWDA	-	0.0418
14	Union SSMDA	Union SWDA	-	0.0416
15	Union SSMDA	Chippawa	-	0.0620
16	Union SSMDA	Cornwall	-	0.0884
17	Union SSMDA	East Hereford	-	0.1122
18	Union SSMDA	Emerson 1	-	0.0777
19	Union SSMDA	Emerson 2	-	0.0777
20	Union SSMDA	Iroquois	-	0.0856
21	Union SSMDA	Kirkwall	-	0.0544
22	Union SSMDA	Napierville	-	0.0987
23	Union SSMDA	Niagara Falls	-	0.0619
24	Union SSMDA	North Bay Junction	-	0.0810
25	Union SSMDA	Philipsburg	-	0.0998
26	Union SSMDA	Spruce	-	0.0872
27	Union SSMDA	St. Clair	-	0.0402
28	Union SSMDA	Welwyn	-	0.1053
29	Union SSMDA	Dawn Export	-	0.0418
30	Union SSMDA	Union Parkway Belt	-	0.0570
31	Union SSMDA	Union CDA	-	0.0566
33	Union SSMDA	Union ECDA	-	0.0578
34	Union WDA	Empress	-	0.1019
35	Union WDA	TransGas SSDA	-	0.0729
36	Union WDA	Centram SSDA	-	0.0610
37	Union WDA	Centram MDA	-	0.0431
38	Union WDA	Centrat MDA	-	0.0349
39	Union WDA	Union WDA	-	0.0011
40	Union WDA	Nipigon WDA	-	0.0143
41	Union WDA	Union NDA	-	0.0641
42	Union WDA	Calstock NDA	-	0.0359
43	Union WDA	Tunis NDA	-	0.0534
44	Union WDA	GMIT NDA	-	0.0677
45	Union WDA	Union SSMDA	-	0.1209
46	Union WDA	Union NCDA	-	0.0875
47	Union WDA	Union EDA	-	0.1080
48	Union WDA	Enbridge CDA	-	0.0994
49	Union WDA	Enbridge Parkway CDA	-	0.0998
50	Union WDA	Enbridge EDA	-	0.1033
51	Union WDA	KPUC EDA	-	0.1122
52	Union WDA	GMIT EDA	-	0.1181
53	Union WDA	Enbridge SWDA	-	0.1141
54	Union WDA	Union SWDA	-	0.1143
55	Union WDA	Chippawa	-	0.1089
56	Union WDA	Cornwall	-	0.1068
57	Union WDA	East Hereford	-	0.1307
58	Union WDA	Emerson 1	-	0.0444
59	Union WDA	Emerson 2	-	0.0444
60	Union WDA	Iroquois	-	0.1046
61	Union WDA	Kirkwall	-	0.1024
62	Union WDA	Napierville	-	0.1171
63	Union WDA	Niagara Falls	-	0.1087
64	Union WDA	North Bay Junction	-	0.0758
65	Union WDA	Philipsburg	-	0.1183
66	Union WDA	Spruce	-	0.0349
67	Union WDA	St. Clair	-	0.1154

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
68	Union WDA	Welwyn	-	0.0610



Line No.	Receipt Point	Delivery Point	Abandonment Surcharge	Daily Equivalent
			(\$/GJ/Month)	Abandonment Surcharge (\$/GJ)
1	Union WDA	Dawn Export	-	0.1141
2	Union WDA	Union Parkway Belt	-	0.0998
3	Union WDA	Union CDA	-	0.1039
4	Union WDA	Union ECDA	-	0.1006
5	Welwyn	Empress	1.27746	0.0420
6	Welwyn	TransGas SSDA	0.39442	0.0130
7	Welwyn	Centram SSDA	0.03261	0.0011
8	Welwyn	Centram MDA	0.58187	0.0191
9	Welwyn	Centrat MDA	0.82778	0.0272
10	Welwyn	Union WDA	1.85549	0.0610
11	Welwyn	Nipigon WDA	2.15817	0.0710
12	Welwyn	Union NDA	3.68957	0.1213
13	Welwyn	Calstock NDA	2.83141	0.0931
14	Welwyn	Tunis NDA	3.36145	0.1105
15	Welwyn	GMIT NDA	3.79768	0.1249
16	Welwyn	Union SSMDA	3.20215	0.1053
17	Welwyn	Union NCDA	4.39971	0.1447
18	Welwyn	Union EDA	5.01714	0.1650
19	Welwyn	Enbridge CDA	4.69087	0.1542
20	Welwyn	Enbridge Parkway CDA	4.56902	0.1502
21	Welwyn	Enbridge EDA	4.87773	0.1604
22	Welwyn	KPUC EDA	5.15117	0.1694
23	Welwyn	GMIT EDA	5.33133	0.1753
24	Welwyn	Enbridge SWDA	4.10721	0.1350
25	Welwyn	Union SWDA	4.09988	0.1348
26	Welwyn	Chippawa	4.72283	0.1553
27	Welwyn	Cornwall	4.98730	0.1640
28	Welwyn	East Hereford	5.71238	0.1878
29	Welwyn	Emerson 1	0.87072	0.0286
30	Welwyn	Emerson 2	0.87072	0.0286
31	Welwyn	Iroquois	4.91964	0.1617
32	Welwyn	Kirkwall	4.49125	0.1477
33	Welwyn	Napierville	5.30003	0.1743
34	Welwyn	Niagara Falls	4.71796	0.1551
35	Welwyn	North Bay Junction	4.04263	0.1329
36	Welwyn	Philipsburg	5.33557	0.1754
37	Welwyn	Spruce	0.82778	0.0272
38	Welwyn	St. Clair	4.05871	0.1334
39	Welwyn	Welwyn	0.03261	0.0011
40	Welwyn	Dawn Export	4.10721	0.1350
41	Welwyn	Union Parkway Belt	4.56902	0.1502
42	Welwyn	Union CDA	4.55805	0.1499
43	Welwyn	Union ECDA	4.59245	0.1510

Line No.	Receipt Point	Delivery Point	Abandonment Surcharge (\$/GJ/Month)	Daily Equivalent Abandonment Surcharge (\$/GJ)
<b>Firm Transportation - Short Notice</b>				
1	Kirkwall to Thorold CDA		0.22659	0.0075
2	Union Parkway Belt to Goreway CDA		0.09011	0.0030
3	Union Parkway Belt to Victoria Square #2 CDA		0.16211	0.0053
4	Union Parkway Belt to Schomberg #2 CDA		0.15741	0.0052
<b>Storage Transportation Service</b>				
	STS Delivery			
5	Centram MDA		0.32346	0.0106
6	Union WDA		3.03602	0.0998
7	Union NDA		1.11736	0.0367
8	Union EDA		0.68926	0.0227
9	KPUC EDA		0.65122	0.0214
10	GMIT EDA		1.33184	0.0438
11	Enbridge CDA		0.20233	0.0067
12	Enbridge EDA		0.96900	0.0319
13	Cornwall		0.98781	0.0325
14	Philipsburg		1.33608	0.0439

Notes: (i) 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.  
(ii) Transportation with receipt points from delivery areas or Spruce is for STFT and IT service only.

ANNUALIZED IMPACT OF THE JANUARY 1, 2017  
QUARTERLY RATE ADJUSTMENT ON THE COMPANY'S  
FISCAL 2017 RATES AND REVENUE REQUIREMENT

1. The evidence found at Exhibit Q1-3, 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 2017. As a result of the quarterly gas cost unit rate adjustment within this application, the Company's revenue requirement would decrease by \$6.8 million on an annualized basis. This decrease is the result of a decrease in the purchase cost of gas, partially offset by an increase in TransCanada Pipelines Ltd. ("TransCanada") abandonment charge tolls, effective January 1, 2017, 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 Q1-3, 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 \$6.5 million, is determined by applying the decrease in the gas cost reference price against the applicable volumes, and then incorporating the impact of the TransCanada abandonment charge toll increases to the T-Service transportation cost forecast. The volumes used within this QRAM application are the Board Approved 2017 volumes, from the EB-2016-0215 proceeding, found at Exhibit D1, Tab 2, Schedule 5, page 2, Filed: 2016-10-04. The use of these volumes is consistent with the QRAM approved guidelines as filed at Exhibit Q1-1, 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 Q1-3, Tab 2, Schedule 1. The calculations in support of the \$6.5 million decrease in the purchase cost of gas are

found on Lines 1 through 8, and summarized at Line 9, of Exhibit Q1-3, Tab 2, Schedule 1.

3. Exhibit Q1-3, Tab 2, Schedule 2, details the impact of the annualized decrease on the gas in storage and working cash elements of Rate Base, and the associated carrying cost which is calculated to be \$0.2 million and is included at Exhibit Q1-3, 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 \$1.8 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 1,753,831.8  $10^3\text{m}^3$ , which can be found at Exhibit Q1-3, Tab 2, Schedule 5, by the decrease in the PGVA reference price in the amount of \$1.041/ $10^3\text{m}^3$ . The decrease in the working cash allowance is calculated by applying 2.1 net lag days to the annualized decrease in gas costs of \$6.5 million, resulting in a decrease of \$0.03 million. The working cash allowance calculations are found at Lines 3.1 through 3.4 of Schedule 2. The details of the decrease in the HST amount of \$1.0 million, shown at Line 4 of Schedule 2, can be found in evidence at Exhibit Q1-2, Tab 3, Schedule 1.
4. As shown at Lines 5 through 7 of Exhibit Q1-3, Tab 2, Schedule 2, the \$2.8 million decrease in the valuation of the components of gas in storage and working cash is multiplied by a gross return component of 7.36% (filed at Exhibit Q1-3, Tab 2, Schedule 3) causing a \$0.2 million decrease in carrying costs.
5. The details supporting the calculation of the Company's grossed up rate of return are found at Exhibit Q1-3, Tab 2, Schedule 3. The capital structure components, cost rates, and return rate(s), in Columns 1 through 3, are the 2017 Board Approved

Witness: R. Small

values found in the EB-2016-0215 Draft Rate Order, Appendix A, Schedule 2, page 6, Dated: 2016-11-28, which was approved by the Board through its oral Decision on November 30, 2016. The calculation of the grossed up rate of return in Columns 4 and 5 has utilized the Company's Board Approved 2017 forecast corporate tax rate of 26.5%, as was determined within EB-2012-0459.

6. Exhibit Q1-3, Tab 2, Schedule 4 details the calculation of the forecast inventory valuation adjustment in the amount of (\$2.4) 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 January 1, 2017 revalued at the new PGVA reference price arising from this quarterly rate adjustment proceeding.
7. Exhibit Q1-3, Tab 2, Schedule 5 shows the month end and AOA volume of gas in storage as approved within the EB-2016-0215 proceeding.

DEFERRAL AND VARIANCE ACCOUNT  
ACTUAL AND FORECAST BALANCES

1. The evidence found at page 2 of this schedule (Exhibit Q1-2, Tab 2, Schedule 2, page 2) provides the November 30, 2016 actual and December 31, 2016 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.

Witness: R. Small

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

			Col. 1	Col. 2	Col. 3	Col. 4
Line		Account	Actual at		Forecast at	
No.	Account Description	Acronym	November 30, 2016		December 31, 2016	
			Principal	Interest	Principal	Interest
			(\$000's)	(\$000's)	(\$000's)	(\$000's)
<u>Non Commodity Related Accounts</u>						
1.	Demand Side Management V/A	2015 DSMVA	825.5	10.4	825.5	11.2
2.	Lost Revenue Adjustment Mechanism	2015 LRAM	-	-	(72.3)	-
3.	Demand Side Management Incentive D/A	2015 DSMIDA	6,068.6	-	6,068.6	5.6
4.	Deferred Rebate Account	2016 DRA	7,711.8	34.3	7,711.8	41.4
5.	Manufactured Gas Plant D/A	2016 MGPD	562.3	39.1	620.2	39.6
6.	Customer Care CIS Rate Smoothing D/A	2016 CCCISRSDA	(714.9)	(4.4)	(779.9)	(5.3)
7.	Customer Care CIS Rate Smoothing D/A	2015 CCCISRSDA	1,124.2	2.8	1,124.2	4.2
8.	Customer Care CIS Rate Smoothing D/A	2014 CCCISRSDA	2,927.0	7.2	2,927.0	10.8
9.	Customer Care CIS Rate Smoothing D/A	2013 CCCISRSDA	4,634.9	11.4	4,634.9	17.1
10.	Transition Impact of Accounting Changes D/A	2016 TIACDA	70,972.8	-	70,972.8	-
11.	Post-Retirement True-Up V/A	2016 PTUVA	-	-	(9,643.1)	-
12.	Constant Dollar Net Salvage Adjustment D/A	2016 CDNSADA	32,027.3	-	32,027.3	-
13.	GTA Incremental Transmission Capital Rev. Req. D/A	2016 GTATCRRDA	4,281.4	14.0	4,281.4	17.9
14.	Greenhouse Gas Emissions Impact D/A	2016 GGEIDA	876.2	3.5	901.0	4.3
15.	Rate 332 D/A	2016 R332DA	(534.1)	-	(1,651.6)	(0.5)
16.	OEB Cost Assessment V/A	2016 OEBCAVA	-	-	1,928.4	-
17.	Total non commodity Related Accounts		130,763.0	118.3	121,876.2	146.3
<u>Commodity Related Accounts</u>						
18.	Purchased Gas V/A	2016 PGVA	(14,421.9)	196.2	-	- *
19.	Transactional Services D/A	2016 TSDA	(1,149.5)	(0.7)	(1,709.8)	(1.8)
20.	Storage and Transportation D/A	2016 S&TDA	8,758.4	41.2	9,508.4	49.2
21.	Unabsorbed Demand Cost D/A	2016 UDCDA	287.4	-	296.0	0.3
22.	Total commodity related accounts		(6,525.6)	236.7	8,094.6	47.7
23.	Total Deferral and Variance Accounts		124,237.4	355.0	129,970.8	194.0

\* As a result of the adoption of the PGVA disposition methodology approved in the EB-2008-0106 proceeding, a projected December 31st

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 Q1-3 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 Q1-3, Tab 1, Schedule 1. There was an increase to the gas supply expense lag in comparison to the expense lag underpinning the evidence filed in EB-2016-0260. The gas cost expense lag is 38.6 days resulting in a net gas cost expense lag of 2.1 days.
3. The above net gas cost expense lag of 2.1 days is used to calculate the impact on the working cash requirement in rate base. Exhibit Q1-3, 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 \$0.037 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 \$0.964 million decrease in working cash requirement. This decrease can be seen at Exhibit Q1-3, 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 Q1-3, 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 Q1-3, 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 Q1-3, 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 Q1-3, 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 Q1-3, 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 Q1-3, Tab 2, Schedule 1, Item 11. The difference of approximately \$(0.02) 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 Q1-3, 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 Q1-3, Tab 3.
9. Items 3 on Schedule 2 are the sum of the respective Items 1 and 2. The allocation factors, found at Exhibit Q1-3, Tab 3, Schedule 4, are based on the Board-approved 2017 Volume Forecast from EB-2016-0215 (Test Year 2017), 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 Q1-3, 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 Q1-3, Tab 3, Schedule 3. The portion of LUF costs flowing to in-franchise customers is included in Item 1.6 of Exhibit Q1-3, 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 decreased utility reference price reflects a higher cost of gas purchases and lower upstream transportation and load balancing related costs as compared to the EB-2016-0260 October 1, 2016 QRAM rates currently in effect. The January 1, 2017 QRAM incorporates the effects from TransCanada Pipelines tolls effective January 1, 2017 which reflect higher abandonment costs.
2. As part of this QRAM, the Company is also implementing 2017 Final rates (EB-2016-0215) approved by the Board on November 30, 2016 and Cap and Trade Unit Rates approved by the Board under the EB-2016-0300 Interim Rate Order on November 24, 2016.
3. The rate design exhibits supporting this QRAM application are found at Exhibit Q1-3, Tab 4. Schedules 1 to 5 present the effect of the proposed utility price on revenues and rates when compared with October 1, 2016 QRAM rates inclusive of the impacts of the EB-2016-0215 Final rates. Schedule 6 shows customer bill impacts for various rate classes relative to the EB-2016-0260 October 1, 2016 QRAM rates currently in effect (i.e., the current bill the customer sees). Consequently, these bill impacts encompass the effects of the EB-2016-0215 Final 2017 rates and the EB-2016-0260 January 1, 2017 QRAM rate change. Schedule 7 shows customer bill impacts for various rate classes relative to the EB-2016-0260 October 1, 2016 QRAM rates which depict the January 1, 2017 QRAM, 2017 Final rates and the impact of cap and trade charges for Non-Large Final Emitters. Schedule 8 shows customer bill impacts for various rate classes

relative to the EB-2016-0260 October 1, 2016 QRAM rates which depict the January 1, 2017 QRAM, 2017 Final rates and the impact 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

4. As highlighted above, the Company is implementing 2017 Final rates as part of this QRAM. Consequently, additional steps were needed to be taken in the derivation of January 1, 2017 QRAM rates. These additional steps are described in the following paragraphs.
5. The 2017 Final (EB-2016-0215) rates reflect a PGVA reference price of \$166.901  $10^3 \text{ m}^3$  which reflects the July 1, 2016 QRAM prices applied to the 2017 forecast of volumes and gas supply portfolio mix. (Note: As per the Board-approved minimum filing requirements, the approach where the most recent Board-approved QRAM prices are applied to the new forecast volumes and gas supply portfolio mix in annual rate change applications has been in place since the Company's 2007 rate application. This approach is not new and/or specific to the Company's 2017 rate application.) The July 1, 2016 QRAM PGVA reference price equaled \$166.527  $10^3 \text{ m}^3$  and was based on 2016 gas supply portfolio mix (and 2016 forecast of volumes). The difference between the two PGVA reference prices is approximately \$0.374  $10^3 \text{ m}^3$  which is due to year-over-year changes in the gas supply portfolio mix.
6. January 1, 2017 QRAM impacts and rates, however, need to be compared to customers' current bills, which are based on October 1, 2016 QRAM rates,

Witness: J. Collier

a PGVA reference price of \$181.866  $10^3\text{m}^3$ , and 2016 volumes and 2016 gas supply portfolio mix.

7. Therefore, given that the gas costs within the Company's Final 2017 rates are based off July 1, 2016 QRAM prices applied to 2017 gas supply portfolio mix, an adjusted October 1, 2016 QRAM PGVA reference price needs to be developed based on the 2017 gas supply portfolio mix. This adjusted October 1, 2016 PGVA reference price then provides an appropriate benchmark against which the change between January 1, 2017 and October 2016 QRAM PGVA reference prices can be determined.
8. The Company developed the adjusted October 1, 2016 PGVA reference price of \$182.240  $10^3\text{m}^3$  by adding the change to the PGVA reference price that took place in the October 2016 QRAM application to the PGVA reference price of \$166.901  $10^3\text{m}^3$  embedded in the 2017 Final rates. The table below lays out this derivation and provides references to the Board-approved evidence.

	\$/103m3	
2017 Final Decision July Reference Price	166.901	EB-2016-0215, Exhibit D1, Tab 2, Schedule 5, Page 1.
Add: October 1, 2016 change in reference Price	15.339	EB-2016-0260, Exhibit Q4-3, Tab 2, Schedule 1
2017 Final Decision with October 2016 Gas Costs	<hr/> 182.240	

9. Applying the difference between the July 1, 2016 QRAM PGVA reference price and the 2017 Final PGVA reference price (underpinned by the July 1, 2016 QRAM) to the October 1, 2016 QRAM verifies the above approach by producing the same adjusted PGVA reference price of \$182.240  $10^3\text{m}^3$  ( $\$0.374 \times 10^3\text{m}^3 + \$181.866 \times 10^3\text{m}^3$ ).

Witness: J. Collier

10. Using this approach, the revenue requirement change calculated as part of the January 1, 2017 QRAM application captures the price change impacts only (as impacts of the year-over-year change in the gas supply mix are already reflected in the 2017 final rates).
11. Please note that the derivation of the adjusted October 1, 2016 QRAM PGVA reference price would not be needed if the Company's 2017 rate adjustment application, and subsequently 2017 Final rates, were based off October 1, 2016 QRAM prices (i.e., the last Board-approved QRAM). If the Company's 2017 rate change application were indeed based off October 2016 QRAM, then the Company would have applied October 1, 2016 QRAM prices to the 2017 gas supply portfolio mix, which would have resulted in a PGVA reference price of \$182.240  $10^3\text{m}^3$  in the 2017 Final rates. The change in revenue requirement for January 2017 QRAM would then simply be calculated as the change between the PGVA reference price in the 2017 Final rates (\$182.240  $10^3\text{m}^3$ ) and January 1, 2017 PGVA reference price from below (\$181.199  $10^3\text{m}^3$ ). In other words, the change in the revenue requirement for January 2017 QRAM would be the same using either approach. This same approach to derive an adjusted PGVA reference price was utilized in the Company's January 1, 2013 QRAM application under EB-2012-0428 and subsequently approved by the Board as well as in the Company's January 1, 2016 QRAM application under EB-2015-0327.
12. Subsequent to the steps from above, Enbridge recalculated the utility price for the first quarter of the 2017 Test Year using the prescribed methodology set forth Exhibit Q1-1, Tab 2, Schedule 1, Appendix A. The recalculated utility price for the first quarter is \$181.199  $10^3\text{m}^3$  (\$4.808/GJ @ 37.69 MJ/ $\text{m}^3$ ) as outlined at

Witness: J. Collier

Exhibit Q1-3, Tab 1, Schedule 1. Enbridge is proposing to adjust its rates accordingly effective January 1, 2017.

13. The decreased utility price translates into a decrease in the revenue requirement totaling approximately \$6.758 million, as seen at Exhibit Q1-3, 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 \$181.199/10<sup>3</sup>m<sup>3</sup> and the adjusted October 1, 2016 reference price \$182.240/10<sup>3</sup>m<sup>3</sup>. This differential of \$(1.041)/10<sup>3</sup>m<sup>3</sup> is then applied to the 2017 forecast of sales volumes, Company use, Unbilled and Unaccounted For (“UUF”), and Lost and Unaccounted For (“LUF”) volumes.
14. The decrease in carrying cost on inventory and working cash requirements were also considered in the change in the revenue requirement calculation.

#### Customer Impacts

15. Exhibit Q1-3, Tab 4, Schedule 6 depicts the typical customer bill impacts relative to the EB-2016-0260 October 1, 2016 QRAM bills. The impacts vary by rate class and are a function of the Final 2017 rates and the proposed utility price which is comprised of commodity, transportation and load balancing costs.
16. 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 October 1, 2016 (\$109.0307 /10<sup>3</sup>m<sup>3</sup>) to January 1, 2017 (\$112.1149 /10<sup>3</sup>m<sup>3</sup>) is an increase of \$3.0842 /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 increase from 11.179 ¢/m<sup>3</sup> to 11.446 ¢/m<sup>3</sup> for the January 1, 2017 QRAM. Transportation charges and load

Witness: J. Collier

balancing charges will decrease primarily due to a shift in upstream portfolio arrangements from long haul to short haul transportation offset by a slight increase in TCPL tolls.

17. The change in the utility price decreases the cost of lost and unaccounted for gas which is combined with changes approved in the EB-2016-0215 Final 2017 Rates. The combined changes result in an increase in delivery charges.
18. The impact of the price changes discussed above (excluding all riders) on a typical residential customer on sales service (system gas) is an annualized increase of approximately 0.7%, or \$5.63. The customer's new annual bill is \$865. On a T-service basis (total bill excluding commodity charges), a typical residential customer will see a decrease of approximately 0.1% or (\$0.78) annually.
19. The Company has included new exhibits under Q1-3, Tab 4, Schedule 7 and 8 which depict the impact of the January 1, 2017 QRAM, 2017 Final Rates as well as the impact of the Cap and Trade charges compared to the October 1, 2016 QRAM rates currently in effect. Schedule 7 depicts the impact of the cap and trade charges for Non-Large Final Emitters and Schedule 8 depicts the impact of the cap and trade charges for Large Final Emitters. The impact of the cap and trade charge has been included in the Delivery charge line item in the annual bill comparisons.
20. For example, Schedule 7 depicts the resultant impact inclusive of EB-2016-0260 January 1, 2017 QRAM rate change and EB-2016-0215 Final 2017 rate change and EB-2016-0300 Interim Cap and Trade unit rates, which would increase the total bill for a typical residential customer on system gas by \$86.07 or 10.0% (approx.) annually and, for a typical residential customer on direct purchase, would increase the total bill by \$79.66 or 13.5% (approx.) annually.

Witness: J. Collier



PGVA Clearing

21. 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 January 1, 2017 QRAM can be found at Exhibit Q1-3, Tab 1, Schedule 2.

Exhibit Q1-3, Tab 4, Schedule 10, pages 1 to 16 depicts the schedules supporting the derivation of each of the Rider C unit rates for commodity, transportation and load balancing.

22. Effective from January 1, 2017 to December 31, 2017, the Rider C unit rate for residential customers on sales service is (0.7878) ¢/m<sup>3</sup>, for Western T-service is 0.1299 ¢/m<sup>3</sup> and for Ontario T-service is 0.1761 ¢/m<sup>3</sup>.

Rider D – Site Restoration Cost Clearance

23. As part of its EB-2016-0215 2017 Final Rates implementation, the Company will be implementing the 2017 Rider D unit rates effective from January 1, 2017 to December 31, 2017. The 2017 Rider D unit rates are contained in the Rider D rate schedule.

Summary of Gas Cost to Operations  
Year ended December 31, 2017

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 / 37.69)	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	859,509.9	91,929.0	106.955	2.838	2.2%
1.3 Western - @ Nova - TCPL	960,657.6	96,560.5	100.515	2.667	2.6%
1.4 Western Buy/Sell - with Fuel	387.4	43.4	112.150	2.976	2.9%
1.5 Western - @ Alliance	-	-	0.000	-	0.0%
1.6 Less TCPL Fuel Requirement	(73,778.8)	0.0			
1. Total Western Canadian Supplies	1,746,776.0	188,532.9	107.932	2.864	2.5%
2. <u>Peaking Supplies</u>	4,192.1	1,511.3	360.500	9.565	n/a
3. <u>Ontario Production</u>	365.0	67.1	183.787	4.876	n/a
4. <u>Chicago Supplies</u>	1,682,897.7	251,865.5	149.662	3.971	3.8%
5. <u>Delivered Supplies</u>	2,229,769.2	361,971.0	162.336	4.307	-20.2%
6. <u>Niagara Supplies</u>	1,936,853.3	274,859.9	141.911	3.765	9.3%
7. <u>Link Supplies</u>	322,632.0	39,061.1	121.070	3.212	n/a
8. <u>Dominion Supplies</u>	187,833.0	18,070.8	96.207	2.553	n/a
9. <u>Total Supply Costs</u>	8,111,318.2	1,135,939.5	140.044	3.716	6.4%
<u>Transportation Costs</u>					
10.1 TCPL - FT - Demand		137,974.4			
10.2 - FT - Commodity		0.0			
10.3 - Parkway to CDA		6,426.5			
10.4 - STS - CDA		21,371.4			
10.5 - STS - EDA		15,607.1			
10.6 - Dawn to CDA		7,649.9			
10.7 - Dawn to EDA		79,306.9			
10.8 - Dawn to Iroquois		10,233.9			
10.9 Other Charges		0.0			
10.10 Nova Transmission		7,464.6			
10.11 Alliance Pipeline		0.0			
10.12 Vector Pipeline		21,090.7			
10.13 Nexus Pipeline		6,273.5			
10.14 Niagara Link Pipeline		2,206.4			
10.15 Niagara Falls to Enbridge Parkway CDA		18,221.4			
10. Total Transportation Costs		333,826.6			
11. Total Before PGVA Adjustment	8,111,318.2	1,469,766.2	181.199	4.808	-0.4%
12. PGVA Adjustment		0.0			
13. <u>Total Purchases &amp; Receipt</u>	8,111,318.2	1,469,766.2	181.199	4.808	
14. October 1, 2016 PGVA Reference Price - as per note			182.240	4.835	
15. Upstream Increase/Decrease on 2017 PGVA Reference Price			(1.041)	(0.027)	
16. Updated T-Service Transportation Costs	1,365,529.8	104,072.1	76.214	2.022	
17. T-Service Transportation Costs - 2017 forecasted volumes at October 1, 2016 QRAM TCPL tolls	1,365,529.8	102,130.7	74.792	1.984	
18. Upstream Increase on T-Service Costs			1.422	0.038	

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

Item #	Particulars	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
		Purchase Cost \$(000)	10 <sup>3</sup> m <sup>3</sup>	Unit Cost \$/10 <sup>3</sup> m <sup>3</sup>	Reference Price \$/10 <sup>3</sup> m <sup>3</sup>	Unit Rate Difference \$/10 <sup>3</sup> m <sup>3</sup>	Monthly Variance \$(000)	Forecast Clearance October 1, 2016 QRAM \$(000)	Col. 6 minus Col. 7 \$(000)	Commodity Component \$(000)	Transportation Component \$(000)	Load Balancing Component Delivered Supplies \$(000)	Peaking Supplies \$(000)
1	Jan-16	127,969.8	710,313.4	180,160	166,366	13,794	9,798.1	(9,798.1)	-	-	-	-	-
2	Feb-16	110,983.9	634,387.8	174,946	166,366	8,580	5,443.0	(5,443.0)	-	-	-	-	-
3	Mar-16	96,317.6	662,408.5	145,405	166,366	(20,961)	(13,884.7)	13,884.7	-	-	0.0	-	-
4	Apr-16	73,231.6	540,345.6	135,527	157,800	(22,273)	(12,035.1)	12,035.1	-	(0.0)	-	0.0	-
5	May-16	72,846.9	590,443.9	123,377	157,800	(34,423)	(20,324.8)	20,324.8	-	0.0	(0.0)	0.0	-
6	Jun-16	80,721.7	568,139.9	142,081	157,800	(15,719)	(8,930.6)	8,930.6	-	(0.0)	(0.0)	(0.0)	-
7	Jul-16	95,770.1	594,184.5	161,179	166,527	(5,348)	(3,177.7)	3,177.7	-	(0.1)	(0.0)	(0.0)	-
8	Aug-16	88,287.0	554,548.7	159,205	166,527	(7,322)	(4,060.4)	5,470.2	1,409.8	1,310.7	40.4	58.9	-
9	Sep-16	92,815.9	521,205.7	178,079	166,527	11,552	6,021.0	(785.5)	5,235.5	4,283.7	526.1	425.7	-
10	Oct-16	92,225.8	480,217.4	192,050	181,866	10,184	4,890.5	-	4,890.5	5,340.7	217.0	(667.2)	-
11	Nov-16	112,709.0	620,167.2	181,740	181,866	(0,126)	(78.1)	-	(78.1)	8,661.9	(3,492.2)	(5,248.2)	-
12	Dec-16	167,595.9	914,282.3	183,309	181,866	1,443	1,319.3	-	1,319.3	6,352.6	(3,691.6)	(1,342.0)	-
13	Total (Lines 1 to 12)	1,211,475.1	7,390,644.9	163,920			(35,019.5)	47,796.5	12,777.0	25,949.6	(6,400.3)	(6,772.7)	0.0
Current QRAM Period													
14	Jan-17	173,522.1	969,359.9	179,007	181,199	(2,192)	(2,124.8)	(2,124.8)					
15	Feb-17	130,806.0	709,536.3	184,354	181,199	3,155	2,238.6	2,238.6					
16	Mar-17	103,592.5	562,559.0	184,145	181,199	2,946	1,657.3	1,657.3					
17	Apr-17	98,904.9	523,216.0	189,033	181,199	7,834	4,098.9	4,098.9					
18	May-17	111,053.1	633,187.7	175,387	181,199	(5,812)	(3,680.1)	(3,680.1)					
19	Jun-17	108,663.7	614,752.2	176,760	181,199	(4,439)	(2,728.9)	(2,728.9)					
20	Jul-17	112,123.7	637,300.2	175,935	181,199	(5,264)	(3,354.8)	(3,354.8)					
21	Aug-17	112,545.2	639,356.4	176,029	181,199	(5,170)	(3,305.5)	(3,305.5)					
22	Sep-17	110,305.3	620,722.0	177,705	181,199	(3,494)	(2,168.8)	(2,168.8)					
23	Oct-17	114,557.5	643,468.9	178,031	181,199	(3,169)	(2,038.5)	(2,038.5)					
24	Nov-17	117,133.1	617,013.6	189,839	181,199	8,640	5,331.0	5,331.0					
25	Dec-17	176,559.0	940,846.0	187,660	181,199	6,461	6,075.6	6,075.6					
26	Total (Lines 14 to 25)	1,469,766.2	8,111,318.2	181,199			0.0	0.0					

Item #		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
January 2016 to December 2016 Variances							
		<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	January	1,437.4	283.4	8,076.9	9,797.8	7,726.7	350.2
1.2	February	(3,899.9)	201.2	9,142.0	5,443.3	7,299.8	1,842.2
1.3	March	(14,001.4)	224.4	(107.6)	(13,884.6)	367.4	(475.0)
1.4	April	(13,537.4)	342.9	1,159.7	(12,034.9)	1,159.7	-
1.5	May	(20,548.4)	208.9	14.3	(20,325.1)	14.3	-
1.6	June	(9,219.7)	263.6	25.2	(8,930.9)	25.2	-
1.7	July	(3,759.7)	230.9	351.1	(3,177.8)	351.1	-
1.8	August	(4,293.3)	169.6	63.3	(4,060.4)	63.3	-
1.9	September	5,069.1	526.3	425.7	6,021.1	425.7	-
1.10	October	5,340.7	217.0	(667.2)	4,890.6	(667.2)	-
1.11	November	8,661.9	(3,492.2)	(5,248.2)	(78.4)	(5,248.2)	-
1.12	December	6,352.6	(3,691.6)	(1,342.0)	1,319.0	(1,342.0)	-
1.0		(42,397.9)	(4,515.7)	11,893.3	(35,020.3)	10,176.0	1,717.3

- note 1 - see Col. 6 Ex Q1-3, T1, S2, page 1

As per October 2016 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	January	1,437.4	283.4	8,076.9	9,797.8	7,726.7	350.2
2.2	February	(3,899.9)	201.2	9,142.0	5,443.3	7,299.8	1,842.2
2.3	March	(14,001.4)	224.4	(107.6)	(13,884.6)	367.4	(475.0)
2.4	April	(13,537.4)	342.9	1,159.6	(12,034.9)	1,159.6	-
2.5	May	(20,548.4)	208.9	14.3	(20,325.1)	14.3	-
2.6	June	(9,219.6)	263.6	25.2	(8,930.8)	25.2	-
2.7	July	(3,759.7)	230.9	351.1	(3,177.7)	351.1	-
2.8	August	(5,604.0)	129.2	4.4	(5,470.4)	4.4	-
2.9	September	785.4	0.1	-	785.5	-	-
2.10		-	-	-	-	-	-
2.11		-	-	-	-	-	-
2.12		-	-	-	-	-	-
2.0		(68,347.5)	1,884.7	18,666.0	(47,796.8)	16,948.7	1,717.3

- note 2 - see Col. 7 Ex Q1-3, T1, S2, page 1

Variances to be Cleared in January 2017 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	January	-	-	-	-	-	-
3.2	February	-	-	-	-	-	-
3.3	March	-	0.0	-	0.0	-	-
3.4	April	(0.0)	-	0.0	0.0	0.0	-
3.5	May	0.0	(0.0)	0.0	(0.0)	0.0	-
3.6	June	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	-
3.7	July	(0.1)	(0.0)	(0.0)	(0.1)	(0.0)	-
3.8	August	1,310.7	40.4	58.9	1,410.0	58.9	-
3.9	September	4,283.7	526.1	425.7	5,235.5	425.7	-
3.10	October	5,340.7	217.0	(667.2)	4,890.6	(667.2)	-
3.11	November	8,661.9	(3,492.2)	(5,248.2)	(78.4)	(5,248.2)	-
3.12	December	6,352.6	(3,691.6)	(1,342.0)	1,319.0	(1,342.0)	-
3.0		25,949.6	(6,400.3)	(6,772.7)	12,776.6	(6,772.7)	-

- note 3 - see Col. 8 Ex Q1-3, T1, S2, page 1

Item #	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
<b>Jan-16</b>							
	<u>Supplies</u>	<u>Volume Variance</u> \$(000)	<u>Price Variance</u> \$(000)	<u>Variance Amount</u> \$(000)	<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)
1.1	Ontario Delivered	(62,387.6)	7,718.9	(54,668.8)	(62,395.5)		7,726.7
1.2	Peaking Service	(1,270.8)	350.2	(920.6)	(1,270.8)		350.2
1.3	Ontario Production	(5.5)	-	(5.5)	(5.5)		-
1.4	Link Supplies	-	-	-	-		-
1.5	Western Canadian - TCPL	21,741.3	(1,313.9)	20,427.4	20,427.4		-
1.6	Western Canadian - Alliance	242.8	(144.0)	98.8	98.8		-
1.7	Chicago Supplies	(4,273.1)	638.3	(3,634.9)	(3,634.9)		-
1.8	Niagara Supplies	(600.0)	688.6	88.6	88.6		-
1.9	Other	-	283.4	283.4	-	283.4	-
1.10	PGVA	-	48,129.2	48,129.2	48,129.2		-
1.		(46,553.0)	56,350.7	9,797.8	1,437.4	283.4	8,076.9
<b>Feb-16</b>							
	<u>Supplies</u>	<u>Volume Variance</u> \$(000)	<u>Price Variance</u> \$(000)	<u>Variance Amount</u> \$(000)	<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)
2.1	Ontario Delivered	(49,813.1)	7,283.7	(42,529.3)	(49,829.1)		7,299.8
2.2	Peaking Service	-	1,842.2	1,842.2	-		1,842.2
2.3	Ontario Production	(5.2)	-	(5.2)	(5.2)		-
2.4	Link Supplies	-	-	-	-		-
2.5	Western Canadian - TCPL	20,326.0	(8,166.0)	12,160.1	12,160.1		-
2.6	Western Canadian - Alliance	164.7	(41.6)	123.0	123.0		-
2.7	Chicago Supplies	(9,100.8)	18.5	(9,082.4)	(9,082.4)		-
2.8	Niagara Supplies	(523.1)	(2,344.8)	(2,867.9)	(2,867.9)		-
2.9	Other	-	201.2	201.2	-	201.2	-
2.10	PGVA	-	45,601.6	45,601.6	45,601.6		-
2.		(38,951.5)	44,394.8	5,443.3	(3,899.9)	201.2	9,142.0
<b>Mar-16</b>							
	<u>Supplies</u>	<u>Volume Variance</u> \$(000)	<u>Price Variance</u> \$(000)	<u>Variance Amount</u> \$(000)	<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)
3.1	Ontario Delivered	-	1,079.9	1,079.9	712.5		367.4
3.2	Peaking Service	-	(475.0)	(475.0)	-		(475.0)
3.3	Ontario Production	(5.5)	-	(5.5)	(5.5)		-
3.4	Link Supplies	-	-	-	-		-
3.5	Western Canadian - TCPL	21,887.3	(18,637.9)	3,249.4	3,249.4	-	-
3.6	Western Canadian - Alliance	186.5	(675.8)	(489.3)	(489.3)	-	-
3.7	Chicago Supplies	(12,280.3)	(247.8)	(12,528.0)	(12,528.0)		-
3.8	Niagara Supplies	(488.8)	(7,143.1)	(7,631.8)	(7,631.8)		-
3.9	Other	-	224.4	224.4	-	224.4	-
3.10	PGVA	-	2,691.4	2,691.4	2,691.4		-
3.		9,299.3	(23,183.9)	(13,884.6)	(14,001.4)	224.4	(107.6)
<b>Apr-16</b>							
	<u>Supplies</u>	<u>Volume Variance</u> \$(000)	<u>Price Variance</u> \$(000)	<u>Variance Amount</u> \$(000)	<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)
4.1	Ontario Delivered	-	1,015.5	1,015.5	(144.1)		1,159.7
4.2	Peaking Service	-	-	-	-		-
4.3	Ontario Production	(2.0)	-	(2.0)	(2.0)		-
4.4	Link Supplies	-	-	-	-		-
4.5	Western Canadian - TCPL	(6,714.1)	(5,564.8)	(12,278.9)	(12,278.9)		-
4.6	Western Canadian - Alliance	117.5	(335.2)	(217.7)	(217.7)		-
4.7	Chicago Supplies	(718.1)	(493.4)	(1,211.5)	(1,211.5)		-
4.8	Niagara Supplies	(2,901.3)	(904.7)	(3,806.0)	(3,806.0)		-
4.9	Other	-	342.9	342.9	-	342.9	-
4.10	PGVA	-	4,122.8	4,122.8	4,122.8		-
4.		(10,217.9)	(1,817.0)	(12,034.9)	(13,537.4)	342.9	1,159.7
<b>May-16</b>							
	<u>Supplies</u>	<u>Volume Variance</u> \$(000)	<u>Price Variance</u> \$(000)	<u>Variance Amount</u> \$(000)	<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)
5.1	Ontario Delivered	-	71.6	71.6	57.3		14.3
5.2	Peaking Service	-	-	-	-		-
5.3	Ontario Production	(0.9)	(0.2)	(1.1)	(1.1)		-
5.4	Link Supplies	-	-	-	-		-
5.5	Western Canadian - TCPL	(6,362.4)	(6,184.8)	(12,547.1)	(12,547.1)		-
5.6	Western Canadian - Alliance	97.2	(516.2)	(418.9)	(418.9)		-
5.7	Chicago Supplies	(455.4)	(596.3)	(1,051.6)	(1,051.6)		-
5.8	Niagara Supplies	(233.3)	(1,210.7)	(1,443.9)	(1,443.9)		-
5.9	Other	-	208.9	208.9	-	208.9	-
5.10	PGVA	-	(5,142.9)	(5,142.9)	(5,142.9)		-
5.		(6,954.7)	(13,370.5)	(20,325.1)	(20,548.4)	208.9	14.3
<b>Jun-16</b>							
	<u>Supplies</u>	<u>Volume Variance</u> \$(000)	<u>Price Variance</u> \$(000)	<u>Variance Amount</u> \$(000)	<u>Commodity</u> \$(000)	<u>Transportation</u> \$(000)	<u>Load Balancing</u> \$(000)
6.1	Ontario Delivered	-	2,490.4	2,490.4	2,490.4		25.2
6.2	Peaking Service	-	-	-	-		-
6.3	Ontario Production	(2.0)	-	(2.0)	(2.0)		-
6.4	Link Supplies	-	-	-	-		-
6.5	Western Canadian - TCPL	(1,436.0)	(161.7)	(1,597.7)	(1,597.7)	-	-
6.6	Western Canadian - Alliance	137.6	(324.5)	(186.9)	(186.9)	-	-
6.7	Chicago Supplies	(448.3)	831.1	382.7	382.7	-	-
6.8	Niagara Supplies	(227.7)	(2,144.3)	(2,372.0)	(2,372.0)	-	-
6.9	Other	-	263.6	263.6	-	263.6	-
6.10	PGVA	-	(7,934.1)	(7,934.1)	(7,934.1)		-
6.		(1,976.5)	(6,979.6)	(8,956.1)	(9,219.7)	263.6	25.2

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
	Jul-16							
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
1.1	Ontario Delivered	-	1,858.3	1,858.3	1,507.1	-	351.1	1,858.3
1.2	Peaking Service	-	-	-	-	-	-	-
1.3	Ontario Production	(2.1)	-	(2.1)	(2.1)	-	-	(2.1)
1.4	Link Supplies	-	-	-	-	-	-	-
1.5	Western Canadian - TCPL	1,705.6	7,207.8	8,913.4	8,913.4	-	-	8,913.4
1.6	Western Canadian - Alliance	178.7	369.4	548.1	548.1	-	-	548.1
1.7	Chicago Supplies	(790.0)	3,098.0	2,308.0	2,308.0	-	-	2,308.0
1.8	Niagara Supplies	(146.1)	5,396.1	5,250.0	5,250.0	-	-	5,250.0
1.9	Other	-	230.9	230.9	-	230.9	-	230.9
1.10	PGVA	-	(22,284.1)	(22,284.1)	(22,284.1)	-	-	(22,284.1)
1.		946.1	(4,123.7)	(3,177.7)	(3,759.7)	230.9	351.1	(3,177.7)
	Aug-16							
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
2.1	Ontario Delivered	-	316.7	316.7	253.3	-	63.3	316.7
2.2	Peaking Service	-	-	-	-	-	-	-
2.3	Ontario Production	(2.2)	-	(2.2)	(2.2)	-	-	(2.2)
2.4	Link Supplies	-	-	-	-	-	-	-
2.5	Western Canadian - TCPL	1,149.7	5,607.6	6,757.3	6,757.3	-	-	6,757.3
2.6	Western Canadian - Alliance	146.5	601.2	747.7	747.7	-	-	747.7
2.7	Chicago Supplies	(5,038.9)	2,440.7	(2,598.1)	(2,598.1)	-	-	(2,598.1)
2.8	Niagara Supplies	(164.6)	2,984.8	2,820.2	2,820.2	-	-	2,820.2
2.9	Other	-	169.6	169.6	-	169.6	-	169.6
2.10	PGVA	-	(12,271.4)	(12,271.4)	(12,271.4)	-	-	(12,271.4)
2.		(3,909.6)	(150.8)	(4,060.4)	(4,293.3)	169.6	63.3	(4,060.4)
	Sep-16							
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
3.1	Ontario Delivered	-	2,620.3	2,620.3	2,194.6	-	425.7	2,620.3
3.2	Peaking Service	-	-	-	-	-	-	-
3.3	Ontario Production	(2.2)	-	(2.2)	(2.2)	-	-	(2.2)
3.4	Link Supplies	-	-	-	-	-	-	-
3.5	Western Canadian - TCPL	(1,394.2)	8,881.2	7,487.0	7,487.0	-	-	7,487.0
3.6	Western Canadian - Alliance	151.6	510.5	662.1	662.1	-	-	662.1
3.7	Chicago Supplies	(8,580.6)	2,607.6	(5,973.0)	(5,973.0)	-	-	(5,973.0)
3.8	Niagara Supplies	(1,102.9)	4,286.8	3,184.0	3,184.0	-	-	3,184.0
3.9	Other	-	526.3	526.3	-	526.3	-	526.3
3.10	PGVA	-	(2,483.4)	(2,483.4)	(2,483.4)	-	-	(2,483.4)
3.		(10,928.3)	16,949.3	6,021.1	5,069.1	526.3	425.7	6,021.1
	Oct-16							
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
4.1	Ontario Delivered	(1,682.2)	(518.0)	(2,200.2)	(1,533.0)	-	(667.2)	(2,200.2)
4.2	Peaking Service	-	-	-	-	-	-	-
4.3	Ontario Production	(2.9)	-	(2.9)	(2.9)	-	-	(2.9)
4.4	Link Supplies	-	-	-	-	-	-	-
4.5	Western Canadian - TCPL	(10,199.5)	6,552.4	(3,647.1)	(3,647.1)	-	-	(3,647.1)
4.6	Western Canadian - Alliance	(509.1)	312.3	(196.8)	(196.8)	-	-	(196.8)
4.7	Chicago Supplies	(13,148.2)	1,652.3	(11,496.0)	(11,496.0)	-	-	(11,496.0)
4.8	Niagara Supplies	(3,555.3)	1,926.7	(1,628.6)	(1,628.6)	-	-	(1,628.6)
4.9	Other	-	217.0	217.0	-	217.0	-	217.0
4.10	PGVA	-	23,845.2	23,845.2	23,845.2	-	-	23,845.2
4.		(29,097.3)	33,987.9	4,890.6	5,340.7	217.0	(667.2)	4,890.6
	Nov-16							
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
5.1	Ontario Delivered	1,338.4	(4,592.9)	(3,254.5)	1,993.7	-	(5,248.2)	(3,254.5)
5.2	Peaking Service	-	-	-	-	-	-	-
5.3	Ontario Production	(3.3)	-	(3.3)	(3.3)	-	-	(3.3)
5.4	Link Supplies	8,358.7	(3,712.3)	4,646.4	4,646.4	-	-	4,646.4
5.5	Western Canadian - TCPL	12,515.7	2,869.9	15,385.6	15,385.6	-	-	15,385.6
5.6	Western Canadian - Alliance	-	-	-	-	-	-	-
5.7	Chicago Supplies	(7,129.5)	752.2	(6,377.3)	(6,377.3)	-	-	(6,377.3)
5.8	Niagara Supplies	(459.3)	(254.8)	(714.1)	(714.1)	-	-	(714.1)
5.9	Other	-	(3,492.2)	(3,492.2)	-	(3,492.2)	-	(3,492.2)
5.10	PGVA	-	(6,269.0)	(6,269.0)	(6,269.0)	-	-	(6,269.0)
5.		14,620.7	(14,699.1)	(78.4)	8,661.9	(3,492.2)	(5,248.2)	(78.4)
	Dec-16							
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
6.1	Ontario Delivered	378.2	(1,248.6)	(870.4)	471.6	-	(1,342.0)	(870.4)
6.2	Peaking Service	-	-	-	-	-	-	-
6.3	Ontario Production	(3.9)	-	(3.9)	(3.9)	-	-	(3.9)
6.4	Link Supplies	6,487.1	(2,266.5)	4,220.6	4,220.6	-	-	4,220.6
6.5	Western Canadian - TCPL	12,901.2	(1,422.2)	11,479.0	11,479.0	-	-	11,479.0
6.6	Western Canadian - Alliance	-	-	-	-	-	-	-
6.7	Chicago Supplies	7,140.1	(275.6)	6,864.5	6,864.5	-	-	6,864.5
6.8	Niagara Supplies	(0.0)	4,414.4	4,414.4	4,414.4	-	-	4,414.4
6.9	Other	-	(3,691.6)	(3,691.6)	-	(3,691.6)	-	(3,691.6)
6.10	PGVA	-	(21,093.5)	(21,093.5)	(21,093.5)	-	-	(21,093.5)
6.		26,902.6	(25,583.6)	1,319.0	6,352.6	(3,691.6)	(1,342.0)	1,319.0

- (1) as per EB-2015-0163 Ex. Q-33, Tab 4, Schedule 8 page 12 of 16
- (2) as per EB-2015-0242 Ex. Q-33, Tab 4, Schedule 8 page 12 of 16
- (3) as per EB-2015-0327 Ex. Q-13, Tab 4, Schedule 8 page 12 of 16
- (4) as per EB-2016-0021 Ex. Q-23, Tab 4, Schedule 8 page 12 of 16
- (5) as per EB-2016-0184 Ex. Q-33, Tab 4, Schedule 8 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 2015		Year 2016				Year 2017		
		Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	\$(000)
		(84.4)	(30.7)	(100.9)	(201.7)	n/a	n/a	n/a	n/a	(417.6)
		n/a	(123.1)	(246.1)	(102.9)	(37.4)	n/a	n/a	n/a	(509.5)
		n/a	n/a	595.3	254.6	100.1	304.1	n/a	n/a	1,254.1
		n/a	n/a	n/a	86.7	34.1	103.5	202.7	n/a	426.9
		n/a	n/a	n/a	n/a	79.6	241.5	472.9	202.2	996.2
6	Total Forecast Recovery Amount	(84.4)	(153.8)	248.4	36.6	176.4	649.1	675.5	202.2	1,750.1
	Actual Recovery Amount					n/a				
7	July 2015 QRAM					(47.4)				
8	October 2015 QRAM					109.6				
9	January 2016 QRAM					37.3				
10	April 2016 QRAM					87.1				
11	July 2016 QRAM									
12	Total Actual Recovery Amount					186.6				
13	(Over Collection)/Under Collection					(10.2)				(10.2)
										(6)

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

Forecast Recovery Amount

- 1 July 2015 QRAM
- 2 October 2015 QRAM
- 3 January 2016 QRAM
- 4 April 2016 QRAM
- 5 July 2016 QRAM

- (1)
- (2)
- (3)
- (4)
- (5)

- (1) as per EB-2015-0163 Ex. Q3-3, Tab 4, Schedule 8 page 13 of 16
- (2) as per EB-2015-0242 Ex. Q4-3, Tab 4, Schedule 8 page 13 of 16
- (3) as per EB-2015-0327 Ex. Q1-3, Tab 4, Schedule 8 page 13 of 16
- (4) as per EB-2016-0021 Ex. Q2-3, Tab 4, Schedule 8 page 13 of 16
- (5) as per EB-2016-0184 Ex. Q3-3, Tab 4, Schedule 8 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 2015		Year 2016				Year 2017		
		Jul Q3	Oct Q4	Jan Q1	Apr Q2	Jul Q3	Oct Q4	Jan Q1	Apr Q2	
		\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
		(3,787.3)	(1,350.5)	(8,997.1)	(4,469.6)	n/a	n/a	n/a	n/a	(18,604.5)
		n/a	1,710.5	3,437.9	1,449.3	549.0	n/a	n/a	n/a	7,146.6
		n/a	n/a	(1,887.7)	(806.1)	(305.0)	(947.2)	n/a	n/a	(3,946.0)
		n/a	n/a	n/a	5,557.5	2,100.0	6,531.0	13,022.1	n/a	27,210.7
		n/a	n/a	n/a	n/a	(282.3)	(881.2)	(1,759.4)	(749.7)	(3,672.6)
		(3,787.3)	360.0	(7,446.9)	1,731.0	2,061.7	4,702.7	11,262.8	(749.7)	8,134.2
						n/a				
						514.1				
						(273.7)				
						1,883.8				
						(252.9)				
						1,871.3				
						190.4				
										190.4
										(6)

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

Forecast Recovery Amount

- 1 July 2015 QRAM
- 2 October 2015 QRAM
- 3 January 2016 QRAM
- 4 April 2016 QRAM
- 5 July 2016 QRAM

6 Total Forecast Recovery Amount

Actual Recovery Amount

- 7 July 2015 QRAM
- 8 October 2015 QRAM
- 9 January 2016 QRAM
- 10 April 2016 QRAM
- 11 July 2016 QRAM

12 Total Actual Recovery Amount

13 (Over Collection)/Under Collection

- (1) as per EB-2015-0163 Ex. Q3-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16
- (2) as per EB-2015-0242 Ex. Q4-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16
- (3) as per EB-2015-0327 Ex. Q1-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16
- (4) as per EB-2016-0021 Ex. Q2-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16
- (5) as per EB-2016-0184 Ex. Q2-3, Tab 4, Schedule 8 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 \$/10 <sup>3</sup> m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	Total Variance Col.2 times Col. 3 \$(000)	Forecast Clearance July 1, 2016 QRAM \$(000)	Col. 4 minus Col. 5 \$(000)
1	Jan-16	166.366	31.599	2,279,090.8	72,017.0	(72,017.0)	-
2	Feb-16						
3	Mar-16						
4	Apr-16	157.800	8.566	934,319.3	8,003.4	(8,003.4)	-
5	May-16						
6	Jun-16						
7	Jul-16	166.527	(8.727)	1,415,858.1	(12,356.2)	12,356.2	-
8	Aug-16						
9	Sep-16						
10	Oct-16	181.866	(15.339)	2,563,169.0	(39,316.4)	37,261.5	(2,054.9)
11	Nov-16						
12	Dec-16						
13	Total (Lines 1 to 12)				28,347.7	(30,402.6)	(2,054.9)
Current QRAM Period							
14	Jan-17	181.199	(0.667)	2,285,767.1	(1,524.6)		
15	Feb-17						
16	Mar-17						
17	Apr-17						
18	May-17						
19	Jun-17						
20	Jul-17						
21	Aug-17						
22	Sep-17						
23	Oct-17						
24	Nov-17						
25	Dec-17						
26	Total (Lines 14 to 25)				(1,524.6)	0.0	(1,524.6)
27	Total (Lines 13 plus 26)						(3,579.5)

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 2015		Year 2016				Year 2017		
		Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	\$(000)
	Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:									
	Forecast Recovery Amount									
1	July 2015 QRAM	3,340.3	1,123.8	8,214.7	4,034.8	n/a	n/a	n/a	n/a	16,713.6
2	October 2015 QRAM	n/a	(1,293.8)	(2,634.1)	(1,071.1)	(385.3)	n/a	n/a	n/a	(5,384.3)
3	January 2016 QRAM	n/a	n/a	28,453.7	11,795.0	4,295.5	14,262.1	n/a	n/a	58,806.3
4	April 2016 QRAM	n/a	n/a	n/a	3,430.2	1,249.2	4,147.7	8,274.9	n/a	17,102.0
5	July 2016 QRAM	n/a	n/a	n/a	n/a	(303.6)	(1,008.0)	(2,011.0)	(833.6)	(4,156.1)
6	Total Forecast Recovery Amount	<u>3,340.3</u>	<u>(170.0)</u>	<u>34,034.3</u>	<u>18,189.0</u>	<u>4,855.8</u>	<u>17,401.8</u>	<u>6,263.9</u>	<u>(833.6)</u>	<u>83,081.5</u>
	Actual Recovery Amount									
7	July 2015 QRAM					n/a				
8	October 2015 QRAM					(518.9)				
9	January 2016 QRAM					5,297.3				
10	April 2016 QRAM					1,540.6				
11	July 2016 QRAM					(374.4)				
12	Total Actual Recovery Amount					<u>5,944.6</u>				
13	(Over Collection)/Under Collection					<u>(1,088.8)</u>				<u>(1,088.8)</u>

(1) as per EB-2015-0027 Ex. Q2-3, Tab 4, Schedule 8, page 11 of 16  
(2) as per EB-2015-0163 Ex. Q3-3, Tab 4, Schedule 8, page 11 of 16  
(3) as per EB-2015-0242 Ex. Q4-3, Tab 4, Schedule 8, page 11 of 16  
(4) as per EB-2015-0327 Ex. Q1-3, Tab 4, Schedule 8, page 11 of 16  
(5) as per EB-2016-0021 Ex. Q2-3, Tab 4, Schedule 8, page 11 of 16  
(6) Rider C (Over)/Under Clearance

MONTHLY PRICING INFORMATION

	Col. 1 21 Day Average Empress CGPR \$CAD/GJ	Col. 2 21 Day Average NYMEX \$US/MMBtu	Col. 3 21 Day Average Chicago \$US/MMBtu	Col. 4 21 Day Average Dawn \$US/MMBtu	Col. 5 21 Day Average US Exchange \$CAD/\$US	Col. 6 \$CAD/10 <sup>3</sup> m <sup>3</sup> Equivalent (Note 1)
Jan-17	2.8654	3.0204	3.2558	3.4088	1.3440	
Feb-17	2.8727	3.0543	3.3018	3.5046	1.3431	
Mar-17	2.8479	3.0466	3.1205	3.4998	1.3429	
Apr-17	2.7507	2.9885	2.9870	3.1884	1.3425	
May-17	2.7400	2.9959	2.8980	3.1361	1.3421	
Jun-17	2.7522	3.0318	2.9145	3.0600	1.3417	
Jul-17	2.7682	3.0658	2.9849	3.0579	1.3413	
Aug-17	2.7713	3.0667	2.9785	3.0600	1.3408	
Sep-17	2.8173	3.0516	2.9430	3.0574	1.3404	
Oct-17	2.8784	3.0691	3.0218	3.0760	1.3400	
Nov-17	3.0111	3.1143	3.1500	3.3740	1.3395	
Dec-17	3.1738	3.2587	3.3622	3.5185	1.3391	

2.8541      3.0636      3.0765      3.2451      1.3415      107.5704

TCPL Fuel Ratio      4.22%      112.1149

(Note 1) \$CAD/10<sup>3</sup>m<sup>3</sup> = \$CAD/GJ \* 37.69 MJ/m<sup>3</sup>

21 Day Period      2-Nov-16      to      30-Nov-16

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 37.69 MJ/m<sup>3</sup>

2013	\$(000's)	2014	\$(000's)	2015	\$(000's)	2016	\$(000's)
January	248.1	January	646.3	January	1,001.8	January	61.1
February	208.8	February	594.3	February	850.0	February	54.5
March	246.8	March	1,022.2	March	976.3	March	61.3
April	239.1	April	955.5	April	707.9	April	63.2
May	229.1	May	-	May	799.7	May	48.4
June	215.7	June	349.1	June	716.4	June	50.5
July	242.3	July	643.7	July	737.7	July	61.5
August	251.4	August	542.0	August	730.5	August	77.4
September	222.8	September	686.8	September	690.6	September	80.3
October	230.8	October	523.4	October	746.4	October - est	80.0
November	647.8	November	675.5	November	59.6	November	
December	645.9	December	763.8	December	61.4	December	
	3,628.7		7,402.6		8,078.4		638.2

note - Ex Q1-3, T1, S1, page 2 references Extraction Revenue of \$0.6 million  
this is based upon the monthly amounts from above for the months of January 2016  
to October 2016

Annualized Impact of January 1, 2017 Quarterly Rate Adjustment  
on the Company's F2017 Test Year Revenue Requirement

Line No.	Impact of cost change on utility operations	N O T E	Col.1 Exhibit Reference	Col.2 Volume (10 <sup>3</sup> M <sup>3</sup> )	Col. 3 Change in Unit Rates (\$/10 <sup>3</sup> M <sup>3</sup> )	N O T E	Col. 4 Quarterly Rate Adjustment Impact (\$000)
	Item Numbers						
1.	Forecast volumes from EB-2016-0215 (4.1, 4.2, 4.3, & 4.6)	B	D1.T2.S5.p2	8 004 933.3	(1.041)	A	(8,333.1)
2.	Forecast Company use volume (4.7)	B	D1.T2.S5.p2	5 436.5	(1.041)	A	(5.7)
3.	Forecast unbilled and unaccounted for volume (4.8 & 4.9)	B	D1.T2.S5.p2	126 168.2	(1.041)	A	(131.3)
4.	Forecast lost and unaccounted for volume (4.11)	B	D1.T2.S5.p2	20 365.2	(1.041)	A	(21.2)
5.	EB-2015-0114 approved utility gas cost volume - excluding T-service			8 156 903.2			
6.	Gross upstream pass-on of change in purchase cost of gas						(8,491.3)
					(\$000)		
7.	Updated T-service transportation costs		Q1-3.T1.S1, item 16		104,072.1		
8.	T-service transportation costs within EB-2016-0215		Q1-3.T1.S1, item 17		102,130.7		1,941.4
9.	Total impact of upstream pass-on change in purchase cost of gas						(6,549.9)
10.	Impact on carrying cost requirement as a result of upstream pass-on impact on rate base		Q1-3.T2.S2				(208.1)
11.	Increase (decrease) in revenue requirement						(6,758.0)
Note : A							
12.	PGVA reference price as examined in this proceeding		Q1-3.T1.S1, item 13		EB-2016-0326		181.199
13.	Adjusted October 1, 2016 PGVA reference price		Q1-3.T1.S1, item 14		EB-2016-0326		182.240
14.	Change in price						(1.041)

Note : B

15. Board approved 2017 volumes are from Exhibit D1, Tab 2, Schedule 5, page 2, Filed: 2016-10-04, within EB-2016-0215

Annualized Impact of January 1, 2017 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	Q1-3.T2.S5	1 753 831.8	
2.    Gas purchase unit rate change applied to the volume of gas in storage	Q1-3.T1.S1	<u>(\$1.041)</u>	(1,825.7)
3.    Effect on working cash allowance of the upstream pass-on			
3.1    a) Net change in purchase cost of gas	Q1-3.T2.S1	(\$6,549.9)	
3.2    b) Net lag-days calculated	Q1-2.T3.S1.p1	<u>2.1</u>	
3.3    c) Dollar days		(13,623.8)	
3.4    d) Number of operating days		<u>365</u>	(37.3)
4.    Effect on the Harmonized Sales Tax of the upstream pass-on	Q1-2.T3.S1.p1		<u>(964.2)</u>
5.    Change in Rate Base			(2,827.2)
6.    Gross return component	Q1-3.T2.S3		<u>7.36%</u>
7.    Effect on carrying cost requirement			<u><u>(208.1)</u></u>

Calculation of the Gross Rate  
of Return on Rate Base

Line No.		Col.1	Col.2	Col.3	Col.4	Col.5
		Capital Structure Component	Indicated Cost Rate	Net Return Component	Reciprocal of the Tax rate	Gross Return Component
		(Note 1)	(Note 1)	(Note 1)	(Note 2)	
		%	%	%		%
1.	Long-term debt	62.28	4.83	3.01		3.01
2.	Short-term debt	<u>0.05</u>	1.23	<u>0.00</u>		<u>0.00</u>
3.	Tax shielded	<u>62.33</u>		<u>3.01</u>		<u>3.01</u>
4.	Preference shares	1.67	2.24	0.04	0.7350	0.05
5.	Common equity	<u>36.00</u>	8.78	<u>3.16</u>	0.7350	<u>4.30</u>
6.	Non tax shielded	<u>37.67</u>		<u>3.20</u>		<u>4.35</u>
7.		<u><u>100.00</u></u>		<u><u>6.21</u></u>		<u><u>7.36</u></u>

Note 1: The source for Columns 1 to 3 is the 2017 cost of capital found in the EB-2016-0215, Draft Rate Order, Appendix A, Schedule 2, Page 6, Columns 2 to 4, Filed: 2016-11-28, which was approved by the Board through its Oral Decision on November 30, 2016, as explained at Exhibit Q1-2, Tab 2, Schedule 1, paragraph 5.

Note 2: The Board Approved 2017 corporate income tax rate of 26.5% is to be used within the gross return calculation for 2017.



Calculation of the Inventory Adjustment

Line No.	Exhibit Reference	Col.1	Col.2
1.	Forecast inventory balance at January 1, 2017 ( $10^3 \text{ M}^3$ )	Q1-3.T2.S5	2 285 767.1
2.	Gas purchase unit rate change applied to the forecast of January 1, 2017 inventory volume ( $\$/10^3 \text{ M}^3$ )	Q1-3.T1.S1	<u>(\$1.041)</u>
3.	Inventory adjustment (\$000)		<u><u>(\$2,379.5)</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	2 285 767.1
2. January	1 864 145.2
3. February	1 332 701.3
4. March	737 759.9
5. April	606 084.0
6. May	897 834.2
7. June	1 317 865.4
8. July	1 775 034.1
9. August	2 232 037.8
10. September	2 645 971.1
11. October	2 805 671.9
12. November	2 567 902.1
13. December	2 240 182.1
14. Average of monthly averages	<u>1 753 831.8</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	(1.83)	0.00	(1.83)
1.2 GAS COSTS WORKING CASH	(0.04)	(0.04)	0.00
1.3 HST WORKING CASH	(0.96)	(0.96)	0.00
	----	----	----
1. TOTAL RATE BASE IMPACT	(2.83)	(1.00)	(1.83)
<b><u>RETURN AT 7.36%:</u></b>			
2.1 GAS COST	(0.21)	(0.07)	(0.13)
	----	----	----
2. TOTAL IMPACT OF RETURN ON RATE BASE	(0.21)	(0.07)	(0.13)
	----	----	----
3 TOTAL COST OF SERVICE IMPACT	(0.21)	(0.07)	(0.13)

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 Q1-3,3,4	
<b><u>ALLOCATION OF O&amp;M COSTS</u></b>														
1.1	24.91	14.50	9.66	0.00	0.00	0.21	0.00	0.00	0.03	0.11	0.40	0.00	1.1	
1.2	(1.23)	(0.68)	(0.53)	(0.00)	(0.01)	(0.01)	(0.00)	0.00	0.00	0.00	(0.01)	0.00	3.1	
1.3	(2.47)	(1.21)	(1.14)	(0.00)	(0.05)	(0.01)	(0.00)	0.00	(0.01)	(0.02)	(0.04)	0.00	3.2	
1.4	(27.65)	(14.14)	(11.67)	(0.00)	(0.90)	(0.04)	0.00	(0.10)	(0.05)	(0.27)	(0.49)	0.00	1.2	
1.5	DISTRIBUTION COMMODITY	(0.11)	(0.05)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	1.4	
1.6	SPACE	(0.29)	(0.13)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	3.2	
1.7	DELIVERABILITY	0.28	0.12	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	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
1.	TOTAL	(6.55)	(3.74)	0.00	(0.75)	(0.05)	0.00	(0.09)	(0.04)	(0.18)	(0.14)	0.00		
<b><u>ALLOCATION OF RETURN AND TAXES</u></b>														
2.1	ANNUAL COMMODITY	(0.07)	(0.03)	(0.00)	(0.00)	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.00)	0.00	1.1	
2.2	SEASONAL SPACE	(0.13)	(0.06)	(0.00)	(0.00)	(0.00)	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00	3.2	
2.	TOTAL	(0.21)	(0.09)	(0.00)	(0.00)	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.00)	0.00		
<b><u>TOTAL</u></b>														
3.1	ANNUAL COMMODITY	24.84	14.46	9.63	0.00	0.21	0.00	0.00	0.03	0.11	0.40	0.00	1.1	
3.2	PIPELINE PEAK	(1.23)	(0.68)	(0.53)	(0.00)	(0.01)	(0.00)	0.00	0.00	0.00	(0.01)	0.00	3.1	
3.3	PIPELINE SEASONAL	(2.47)	(1.21)	(1.14)	(0.00)	(0.05)	(0.01)	0.00	(0.01)	(0.02)	(0.04)	0.00	3.2	
3.4	PIPELINE ANNUAL	(27.65)	(14.14)	(11.67)	(0.00)	(0.90)	(0.04)	(0.10)	(0.05)	(0.27)	(0.49)	0.00	1.2	
3.5	DISTRIBUTION COMMODITY	(0.11)	(0.05)	(0.05)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	1.4	
3.6	SEASONAL SPACE	(0.13)	(0.07)	(0.06)	(0.00)	(0.00)	(0.00)	0.00	(0.00)	(0.00)	(0.00)	0.00	3.2	
3.7	SPACE	(0.29)	(0.14)	(0.13)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	3.2	
3.8	DELIVERABILITY	0.28	0.15	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.1	
3.9	DAWN T SERVICE	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3.	TOTAL	(6.76)	(1.68)	(3.83)	0.00	(0.75)	(0.05)	(0.09)	(0.04)	(0.18)	(0.14)	0.00		
<b><u>UNIT RATE CHANGE (\$ per 10³m³)</u></b>														
4.1	ANNUAL COMMODITY	3.10	3.10	3.10	3.10	3.10	0.00	0.00	3.10	3.10	3.10	0.00		
4.2	PIPELINE PEAK	(0.10)	(0.14)	(0.11)	(0.00)	(0.01)	(0.00)	0.00	0.00	0.00	(0.07)	0.00		
4.3	PIPELINE SEASONAL	(0.21)	(0.25)	(0.23)	(0.00)	(0.06)	(0.02)	0.00	(0.12)	(0.06)	(0.22)	0.00		
4.4	PIPELINE ANNUAL	(2.96)	(2.96)	(2.96)	(0.00)	(2.96)	(2.96)	(2.96)	(2.96)	(2.96)	(2.96)	0.00		
4.5	DISTRIBUTION COMMODITY	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	0.00		
4.6	SEASONAL SPACE	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)	(0.00)	0.00	(0.01)	(0.00)	(0.01)	0.00		
4.7	SPACE	(0.02)	(0.03)	(0.03)	(0.00)	(0.01)	(0.00)	(0.00)	(0.01)	(0.01)	(0.03)	0.00		
4.8	DELIVERABILITY	0.02	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00		
4.9	DAWN T SERVICE	0.07	0.07	0.07	0.00	0.07	0.07	0.07	0.07	0.07	0.00	0.00		
5.0	TOTAL SALES	(0.19)	(0.26)	(0.22)	0.13	0.07	(2.99)	0.00	(0.00)	0.07	(0.17)	0.00		
5.	TOTAL T-SERVICE	(3.29)	(3.36)	(3.32)	(2.97)	(3.04)	(2.99)	0.00	(3.11)	(3.03)	(3.28)	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 4.1 = 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 ANNUAL 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	Functional Allocation			Col.4	Transmission and Compression				Pool Storage		
			Col.2	Col.3	Col.5	Col.6	Col.7	Col.8	Col.9	Col.10			
			T/C	Pool	Classification Factor	Annual Demand	Daily Demand	Commodity	Annual Demand	Daily Demand	Commodity	Annual Demand	Daily Demand
1	Change in Cost of Lost and Unaccounted for Volume (\$000)	(21.2)	69%	31%	100% Commodity	0.0	0.0	(14.6)	0.0	0.0	(6.6)	0.0	0.0
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	(0.0028)	0.0000	0.0000	(0.0013)		

**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
<b><u>TOTAL</u></b>													
1.1 ANNUAL SALES	8,004.9	4,659.2	3,104.3	0.3	0.0	67.3	0.0	0.0	1.2	8.3	35.7	128.8	0.0
1.2 BUNDLED TRANSPORTATION DELIVERIES	9,352.2	4,782.1	3,949.3	0.3	0.0	302.9	12.1	0.0	32.2	17.7	90.5	165.1	0.0
1.3 BUNDLED ANNUAL DELIVERIES	11,717.1	4,911.5	4,862.3	0.3	0.0	861.4	490.3	0.0	60.9	63.3	296.3	170.8	0.0
1.4 TOTAL ANNUAL DELIVERIES	11,717.1	4,911.5	4,862.3	0.3	0.0	861.4	490.3	0.0	60.9	63.3	296.3	170.8	0.0
3.1 DELIVERABILITY	58.1	32.1	25.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.6	0.0
3.2 SPACE	2,784.9	1,367.8	1,283.1	0.0	0.0	53.5	11.0	0.0	0.0	8.6	18.7	42.1	0.0
3.3 DAWN TRANSPORTATION DELIVERIES	219.5	10.9	82.7	0.0	0.0	62.6	46.8	0.0	0.5	7.7	8.2	0.0	0.0

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-2016-0215 ADJUSTED RATES						(SUFFICIENCY)/DEFICIENCY						REVENUE - EB-2016-0326					
		DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	TRANSPORT LOAD BAL	GAS SUPPLY COMMODITY	TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	TRANSPORT LOAD BAL	GAS SUPPLY COMMODITY	TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	TRANSPORT LOAD BAL	GAS SUPPLY COMMODITY	TOTAL
1.	1	851,000	268,898	124	81,614	518,841	1,720,477	(39)	(14,136)	1	(1,959)	14,457	(1,677)	850,961	254,761	125	79,655	533,298	1,718,800
2.	6	383,510	222,071	938	74,432	346,382	1,027,333	(18)	(11,675)	6	(1,731)	9,633	(3,785)	383,492	210,397	943	72,701	356,015	1,023,548
3.	9	46	15	0	0	29	90	(0)	(1)	0	(0)	1	0	46	14	0	0	30	90
4.	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	110	20,336	17,034	710	2,788	7,466	48,334	(6)	(895)	4	(57)	209	(745)	20,330	16,138	714	2,731	7,675	47,589
6.	115	6,252	682	531	571	0	8,036	(6)	(36)	3	(11)	0	(50)	6,246	646	534	560	0	7,986
7.	125	11,664	0	0	0	0	11,664	0	0	0	0	0	0	11,664	0	0	0	0	11,664
8.	135	1,209	1,808	6	(513)	134	2,644	(1)	(95)	0	0	4	(92)	1,209	1,713	6	(513)	137	2,553
9.	145	1,622	996	87	84	918	3,706	(2)	(52)	1	(8)	26	(36)	1,620	943	87	76	944	3,670
10.	170	2,815	5,090	93	(2,638)	3,962	9,321	(4)	(268)	1	(17)	111	(178)	2,811	4,822	93	(2,656)	4,073	9,143
11.	200	4,173	9,282	0	2,122	14,294	29,870	(3)	(488)	0	(51)	400	(143)	4,169	8,794	0	2,070	14,693	29,727
12.	300	196	0	0	0	0	196	0	0	0	0	0	0	196	0	0	0	0	196
13.	SUB-TOTAL	1,282,824	525,876	2,488	158,459	892,026	2,861,672	(79)	(27,646)	15	(3,835)	24,839	(6,705)	1,282,745	498,230	2,503	154,624	916,865	2,854,967
14.	STORAGE	1,764	0	0	0	0	1,764	(1)	0	0	0	0	(1)	1,763	0	0	0	0	1,763
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	1,303,408	525,876	2,488	158,459	892,026	2,882,256	(80)	(27,646)	15	(3,835)	24,839	(6,706)	1,303,328	498,230	2,503	154,624	916,865	2,875,550

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	Col. 8	GAS SUPPLY LOAD BALANCING		Col. 10	Col. 11	Col. 12	Col. 13
		VOLUMES 10³ m³	DISTRIBUTION REVENUES \$000	UNIT RATE ¢/m³	VOLUMES 10³ m³	REVENUES \$000	UNIT RATE ¢/m³	VOLUMES 10³ m³	REVENUES \$000	UNIT RATE ¢/m³	VOLUMES 10³ m³	REVENUES \$000	UNIT RATE ¢/m³	VOLUMES 10³ m³	REVENUES \$000	UNIT RATE ¢/m³	VOLUMES 10³ m³	REVENUES \$000	UNIT RATE ¢/m³	TOTAL REVENUES \$000		
1.	1	4,911,478	850,961	17.33	4,782,102	254,761	5.33	5.33	10,938	125	1.14	4,911,478	1.62	4,659,174	533,298	11.45	1,718,800					
2.	6	4,862,269	383,492	7.89	3,949,341	210,397	5.33	5.33	82,724	943	1.14	4,862,269	1.50	3,104,338	356,015	11.47	1,023,548					
3.	9	263	46	17.33	263	14	5.33	5.33	0	0	0.00	263	0	0.02	263	30	11.41	90				
4.	100	0	0	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0				
5.	110	861,435	20,330	2.36	302,931	16,138	5.33	5.33	62,631	714	1.14	861,435	0.32	67,252	7,675	11.41	47,589					
6.	115	490,292	6,246	1.27	12,134	646	5.33	5.33	46,804	534	1.14	490,292	0.11	0	0	0.00	7,986					
7.	125	0	11,664	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0.00	0	0	0.00	11,664				
8.	135	60,899	1,209	1.99	32,162	1,713	5.33	5.33	532	6	1.14	60,899	(0.84)	1,200	137	11.44	2,553					
9.	145	63,318	1,620	2.56	17,704	943	5.33	5.33	7,660	87	1.14	63,318	0.12	8,265	944	11.42	3,670					
10.	170	296,313	2,811	0.95	90,520	4,822	5.33	5.33	8,181	93	1.14	296,313	(0.90)	35,690	4,073	11.41	9,143					
11.	200	170,843	4,169	2.44	165,070	8,794	5.33	5.33	0	0	0.00	170,843	1.21	128,752	14,693	11.41	29,727					
12.	300	34,992	196	0.00	0	0	0.00	0.00	0	0	0.00	0	0	0.00	0	0	0.00	196				
13	SUB-TOTAL	11,752,101	1,282,745	10.92	9,352,226	498,230	5.33	5.33	219,470	2,503	1.14	11,717,109	1.32	8,004,933	916,865	11.45	2,854,967					
14.	STORAGE	N/A	1,763	N/A	N/A	0	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	0	N/A	1,763					
15.	DPAC	N/A	1,423	N/A	N/A	0	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	0	N/A	1,423					
16.	332	N/A	17,397	N/A	N/A	0	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	0	N/A	17,397					
17.	TOTAL	11,752,101	1,303,328	10.92	9,352,226	498,230	5.33	5.33	219,470	2,503	1.14	11,717,109	1.32	8,004,933	916,865	11.45	2,875,550					



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-2016-0215 ADJUSTED RATES			REVENUE - EB-2016-0326		
		Revenue (\$000)	Unbilled Revenue (\$000)	Total (\$000)	Proposed Revenue (\$000)	Unbilled Revenue (\$000)	Total Difference (\$000)
1.	1	1,720,477	2,943	1,723,420	1,718,800	2,944	(1,676)
2.	6	1,027,333	1,743	1,029,076	1,023,548	1,698	(3,830)
3.	9	90	0	90	90	0	0
4.	100	0	0	0	0	0	0
5.	110	48,334	257	48,590	47,589	250	(752)
6.	115	8,036	4	8,040	7,986	4	(50)
7.	125	11,664	0	11,664	11,664	0	0
8.	135	2,644	(4)	2,640	2,553	(4)	(92)
9.	145	3,706	(13)	3,693	3,670	(12)	(36)
10.	170	9,321	18	9,339	9,143	17	(179)
11.	200	29,870	0	29,870	29,727	0	(143)
12.	300	196	0	196	196	0	0
13.	SUB-TOTAL	2,861,672	4,947	2,866,619	2,854,967	4,896	(6,756)
14.	STORAGE	1,764	0	1,764	1,763	0	(1)
15.	DPAC	1,423	0	1,423	1,423	0	0
16.	332	17,397	0	17,397	17,397	0	0
16.	TOTAL	2,882,256	4,947	2,887,203	2,875,550	4,896	(6,757)

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
			Rate Block m <sup>3</sup>	EB-2016-0215 cents *	Adjustment <sup>1</sup> EB-2016-0260 cents *	Adjusted <sup>2</sup> EB-2016-0215 cents *	Rate Change cents *	Proposed EB-2016-0326 cents *
<b>RATE 1</b>								
1.01		Customer Charge		\$20.00	\$0.00	\$20.00	\$0.00	\$20.00
1.02		Delivery Charge	first 30	8.5047	0.0157	8.5204	(0.0009)	8.5195
1.03			next 55	7.9568	0.0147	7.9715	(0.0008)	7.9707
1.04			next 85	7.5277	0.0139	7.5416	(0.0008)	7.5408
1.05			over 170	7.2079	0.0133	7.2212	(0.0008)	7.2204
1.06		Gas Supply Load Balancing		1.6615	0.0002	1.6617	(0.0399)	1.6218
1.07		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
1.08		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
1.09		Gas Supply Commodity - System		9.5839	1.5520	11.1359	0.3103	11.4462
1.10		Gas Supply Commodity - Buy/Sell		9.5642	1.5520	11.1162	0.3103	11.4265
<b>RATE 6</b>								
2.01		Customer Charge		\$70.00	\$0.00	\$70.00	\$0.00	\$70.00
2.02		Delivery Charge	First 500	8.2142	0.0255	8.2397	(0.0006)	8.2391
2.03			Next 1050	6.2795	0.0195	6.2990	(0.0005)	6.2985
2.04			Next 4500	4.9247	0.0153	4.9400	(0.0004)	4.9396
2.05			Next 7000	4.0542	0.0126	4.0668	(0.0003)	4.0665
2.06			Next 15250	3.6675	0.0114	3.6789	(0.0003)	3.6786
2.07			Over 28300	3.5703	0.0111	3.5814	(0.0003)	3.5811
2.08		Gas Supply Load Balancing		1.5302	0.0006	1.5308	(0.0356)	1.4952
2.09		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
2.10		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
2.11		Gas Supply Commodity - System		9.6060	1.5520	11.1580	0.3103	11.4683
2.12		Gas Supply Commodity - Buy/Sell		9.5863	1.5520	11.1383	0.3103	11.4486
<b>RATE 9</b>								
3.01		Customer Charge		\$235.95	\$0.00	\$235.95	\$0.00	\$235.95
3.02		Delivery Charge	first 20000	10.9251	0.0145	10.9396	(0.0010)	10.9386
3.03			over 20000	10.2261	0.0136	10.2397	(0.0009)	10.2388
3.04		Gas Supply Load Balancing		0.0195	0.0000	0.0195	(0.0005)	0.0190
3.05		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
3.06		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
3.07		Gas Supply Commodity - System		9.5499	1.5520	11.1019	0.3103	11.4122
3.08		Gas Supply Commodity - Buy/Sell		9.5302	1.5520	11.0822	0.3103	11.3925
<b>RATE 100</b>								
4.01		Customer Charge		\$122.01	\$0.00	\$122.01	\$0.00	\$122.01
4.02		Demand Charge (Cents/Month/m <sup>3</sup> )		36.0000	0.0000	36.0000	0.0000	36.0000
4.03		Delivery Charge	first 14,000	0.1603	0.0145	0.1748	(0.0001)	0.1747
4.04			next 28,000	0.1603	0.0145	0.1748	(0.0001)	0.1747
4.05			over 42,000	0.1603	0.0145	0.1748	(0.0001)	0.1747
4.06		Gas Supply Load Balancing		1.5302	0.0006	1.5308	(0.0356)	1.4952
4.07		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
4.08		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
4.09		Gas Supply Commodity - System		9.6060	1.5520	11.1580	0.3103	11.4683
4.10		Gas Supply Commodity - Buy/Sell		9.5863	1.5520	11.1383	0.3103	11.4486
<b>RATE 110</b>								
5.01		Customer Charge		\$587.37	\$0.00	\$587.37	\$0.00	\$587.37
5.02		Demand Charge (Cents/Month/m <sup>3</sup> )		22.9100	0.0000	22.9100	0.0000	22.9100
5.03		Delivery Charge	first 1,000,000	0.7460	0.0150	0.7610	(0.0007)	0.7603
5.04			over 1,000,000	0.5960	0.0150	0.6110	(0.0007)	0.6103
5.05		Gas Supply Load Balancing		0.3233	0.0003	0.3236	(0.0066)	0.3170
5.06		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
5.07		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
5.08		Gas Supply Commodity - System		9.5499	1.5520	11.1019	0.3103	11.4122
5.09		Gas Supply Commodity - Buy/Sell		9.5302	1.5520	11.0822	0.3102	11.3924

NOTE : \* Cents unless otherwise noted.

1. EB-2016-0260 Exhibit Q4-3, Tab 4, Schedule 3, pages 1 to 4, Column 4.

2. EB-2016-0215 Draft Rate Order plus EB-2016-0260 Adjustment

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

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
			<u>Rate Block</u> m <sup>3</sup>	<u>EB-2016-0215</u> cents *	<u>Adjustment</u> <sup>1</sup> <u>EB-2016-0260</u> cents *	<u>Adjusted</u> <sup>2</sup> <u>EB-2016-0215</u> cents *	<u>Rate Change</u> cents *	<u>Proposed</u> <u>EB-2016-0326</u> cents *
<b>RATE 115</b>								
1.01		Customer Charge		\$622.62	\$0.00	\$622.62	\$0.00	\$622.62
1.02		Demand Charge (Cents/Month/m <sup>3</sup> )		24.3600	0.0000	24.3600	0.0000	24.3600
1.03		Delivery Charge	first 1,000,000	0.3781	0.0148	0.3929	(0.0012)	0.3917
1.04			over 1,000,000	0.2781	0.0148	0.2929	(0.0012)	0.2917
1.05		Gas Supply Load Balancing		0.1164	0.0001	0.1165	(0.0023)	0.1142
1.06		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
1.07		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
1.08		Gas Supply Commodity - System		9.5499	1.5520	11.1019	0.3103	11.4122
1.09		Gas Supply Commodity - Buy/Sell		9.5302	1.5520	11.0822	0.3102	11.3924
<b>RATE 125</b>								
2.01		Customer Charge		\$ 500.00	\$0.00	500.00	\$ -	\$ 500.00
2.02		Delivery Charge (Cents/Month/m <sup>3</sup> of Contract Dmnd)		9.7583	0.0000	9.7583	0.0000	9.7583
<b>RATE 135 DEC - MAR</b>								
3.00		Customer Charge		\$115.08	\$0.00	\$115.08	\$0.00	\$115.08
3.01		Delivery Charge	first 14,000	7.1021	0.0145	7.1166	(0.0010)	7.1156
3.02			next 28,000	5.9021	0.0145	5.9166	(0.0010)	5.9156
3.03			over 42,000	5.5021	0.0145	5.5166	(0.0010)	5.5156
3.04		Gas Supply Load Balancing		0.0000	0.0000	0.0000	0.0000	0.0000
3.05		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
3.06		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
3.07		Gas Supply Commodity - System		9.5761	1.5521	11.1282	0.3102	11.4384
3.08		Gas Supply Commodity - Buy/Sell		9.5564	1.5520	11.1084	0.3103	11.4187
<b>RATE 135 APR - NOV</b>								
3.09		Customer Charge		\$115.08	\$0.00	\$115.08	\$0.00	\$115.08
3.10		Delivery Charge	first 14,000	2.4021	0.0145	2.4166	(0.0010)	2.4156
3.11			next 28,000	1.7021	0.0145	1.7166	(0.0010)	1.7156
3.12			over 42,000	1.5021	0.0145	1.5166	(0.0010)	1.5156
3.13		Gas Supply Load Balancing		0.0000	0.0000	0.0000	0.0000	0.0000
3.14		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
3.15		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
3.16		Gas Supply Commodity - System		9.5761	1.5521	11.1282	0.3102	11.4384
3.17		Gas Supply Commodity - Buy/Sell		9.5564	1.5520	11.1084	0.3103	11.4187
<b>RATE 145</b>								
4.00		Customer Charge		\$123.34	\$0.00	\$123.34	\$0.00	\$123.34
4.01		Demand Charge (Cents/Month/m <sup>3</sup> )		8.2300	0.0000	8.2300	0.0000	8.2300
4.02		Delivery Charge	first 14,000	2.9612	0.0252	2.9864	(0.0032)	2.9832
4.03			next 28,000	1.6022	0.0252	1.6274	(0.0032)	1.6242
4.04			over 42,000	1.0432	0.0252	1.0684	(0.0032)	1.0652
4.05		Gas Supply Load Balancing		0.6796	0.0012	0.6808	(0.0127)	0.6681
4.06		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
4.07		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
4.08		Gas Supply Commodity - System		9.5537	1.5521	11.1058	0.3102	11.4160
4.09		Gas Supply Commodity - Buy/Sell		9.5340	1.5520	11.0860	0.3103	11.3963
<b>RATE 170</b>								
5.00		Customer Charge		\$279.31	\$0.00	\$279.31	\$0.00	\$279.31
5.01		Demand Charge (Cents/Month/m <sup>3</sup> )		4.0900	0.0000	4.0900	0.0000	4.0900
5.02		Delivery Charge	first 1,000,000	0.5147	0.0156	0.5303	(0.0014)	0.5289
5.03			over 1,000,000	0.3147	0.0156	0.3303	(0.0014)	0.3289
5.04		Gas Supply Load Balancing		0.3145	0.0006	0.3151	(0.0059)	0.3092
5.05		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
5.06		Gas Supply Transportation Dawn		1.1335	0.0000	1.1335	0.0069	1.1404
5.07		Gas Supply Commodity - System		9.5499	1.5520	11.1019	0.3103	11.4122
5.08		Gas Supply Commodity - Buy/Sell		9.5302	1.5520	11.0822	0.3103	11.3925

NOTE : \* Cents unless otherwise noted.

1. EB-2016-0260 Exhibit Q4-3, Tab 4, Schedule 3, pages 2 to 4, Column 4.

2. EB-2016-0215 Draft Rate Order plus EB-2016-0260 Adjustment

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

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
			Rate Block m <sup>3</sup>	EB-2016-0215 cents *	Adjustment <sup>1</sup> EB-2016-0260 cents *	Adjusted <sup>2</sup> EB-2016-0215 cents *	Rate Change cents *	Proposed EB-2016-0326 cents *
RATE 200								
1.00		Customer Charge		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.01		Demand Charge (Cents/Month/m <sup>3</sup> )		14.7000	0.0000	14.7000	0.0000	14.7000
1.02		Delivery Charge		1.1386	0.0170	1.1556	(0.0019)	1.1537
1.03		Gas Supply Load Balancing		1.3641	0.0011	1.3652	(0.0300)	1.3352
1.04		Gas Supply Transportation		5.6186	0.0044	5.6230	(0.2956)	5.3274
1.05		Gas Supply Transportation Dawn		0.0000	0.0000	0.0000	1.1404	1.1404
1.06		Gas Supply Commodity - System		9.5499	1.5520	11.1019	0.3103	11.4122
1.07		Gas Supply Commodity - Buy/Sell		9.5302	1.5520	11.0822	0.3103	11.3925
RATE 300 FIRM SERVICE								
2.00		Monthly Customer Charge		\$500.00	\$0.00	\$500.00	\$0.00	\$500.00
2.01		Demand Charge (Cents/Month/m <sup>3</sup> )		26.4239	0.0000	26.4239	0.0000	26.4239
INTERRUPTIBLE SERVICE								
2.02		Minimum Delivery Charge (Cents/Month/m <sup>3</sup> )		0.3850	0.0000	0.3850	0.0000	0.3850
2.03		Maximum Delivery Charge (Cents/Month/m <sup>3</sup> )		1.0425	0.0000	1.0425	0.0000	1.0425
RATE 315								
3.00		Monthly Customer Charge		\$150.00	\$0.00	\$150.00	\$0.00	\$150.00
3.01		Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0504	0.0000	0.0504	0.0000	0.0504
3.01		Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		23.9352	0.0000	23.9352	(1.3096)	22.6256
3.02		Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.3266	0.0045	0.3311	(0.0045)	0.3266
RATE 316								
4.00		Monthly Customer Charge		\$150.00	\$0.00	\$150.00	\$0.00	\$150.00
4.01		Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0504	0.0000	0.0504	0.0000	0.0504
4.01		Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		5.2531	0.0000	5.2531	0.0000	5.2531
4.02		Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.1015	0.0045	0.1060	(0.0045)	0.1015
RATE 320								
5.00		Backstop	All Gas Sold	15.7977	1.5726	17.3703	0.0074	17.3777

NOTE : \* Cents unless otherwise noted.

1. EB-2016-0260 Exhibit Q4-3, Tab 4, Schedule 3, pages 3 to 4, Column 4.
2. EB-2016-0215 Draft Rate Order plus EB-2016-0260 Adjustment

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)								
Col. 1		Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	Rate No.	Rate Block m³	EB-2016-0215 cents *	Adjustment <sup>1</sup> EB-2016-0260 cents *	Adjusted <sup>2</sup> EB-2016-0215 cents *	Rate Change cents *	Proposed EB-2016-0326 cents *	
RATE 325								
		Transmission & Compression						
1.00		Demand Charge - ATV (\$/Month/10³ m³)	0.2002	0.0000	0.2002	0.0000	0.2002	
1.01		Demand Charge - Daily Wdrl. (\$/Month/10³ m³)	22.0216	0.0000	22.0216	0.0000	22.0216	
1.02		Commodity Charge	0.8504	0.0410	0.8914	(0.0028)	0.8886	
		Storage						
1.03		Demand Charge - ATV (\$/Month/10³ m³)	0.1873	0.0000	0.1873	0.0000	0.1873	
1.04		Demand Charge - Daily Wdrl. (\$/Month/10³ m³)	20.8192	0.0000	20.8192	0.0000	20.8192	
1.05		Commodity Charge	0.1417	0.0200	0.1617	(0.0013)	0.1604	
(2) Note: These are UNBUNDLED Rates								
RATE 330								
		Storage Service - Firm						
		Demand Charge (\$/Month/10³ m³ of ATV)						
2.00		Minimum	0.3875	0.0000	0.3875	0.0000	0.3875	
2.01		Maximum	1.9375	0.0000	1.9375	0.0000	1.9375	
		Demand Charge (\$/Month/10³ m³ of Daily Withdrawal)						
2.02		Minimum	42.8408	0.0000	42.8408	0.0000	42.8408	
2.03		Maximum	214.2040	0.0000	214.2040	0.0000	214.2040	
		Commodity Charge						
2.04		Minimum	0.9921	0.0610	1.0531	(0.0041)	1.0490	
2.05		Maximum	4.9605	0.3050	5.2655	(0.0205)	5.2450	
		Storage Service - Interruptible						
		Demand Charge (\$/Month/10³ m³ of ATV)						
2.06		Minimum	0.3875	0.0000	0.3875	0.0000	0.3875	
2.07		Maximum	1.9375	0.0000	1.9375	0.0000	1.9375	
		Demand Charge (\$/Month/10³ m³ of Daily Withdrawal)						
2.08		Minimum	34.2726	0.0000	34.2726	0.0000	34.2726	
2.09		Maximum	171.3632	0.0000	171.3632	0.0000	171.3632	
		Commodity Charge						
2.10		Minimum	0.9921	0.0610	1.0531	(0.0041)	1.0490	
2.11		Maximum	4.9605	0.3050	5.2655	(0.0205)	5.2450	
		Storage Service - Off Peak						
		Commodity Charge						
2.12		Minimum	0.3936	0.0200	0.4136	(0.0013)	0.4122	
2.13		Maximum	40.1107	0.3050	40.4157	(0.0205)	40.3952	
RATE 331								
		Tecumseh Transmission Service						
		Firm						
		Demand Charge (\$/Month/10³ m³ of						
3.00		Maximum Contracted Daily Delivery)	5.6430	0.0000	5.6430	0.0000	5.6430	
		Interruptible						
3.01		Commodity Charge (\$/10³m³ of gas delivered)	0.2230	0.0000	0.2230	0.0000	0.2230	

NOTE : \* Cents unless otherwise noted.

1. EB-2016-0260 Exhibit Q4-3, Tab 4, Schedule 3, pages 4 to 4, Column 4.
2. EB-2016-0215 Draft Rate Order plus EB-2016-0260 Adjustment

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	910,400	529,887	353,056	30	-	7,649	-	136	940	4,059	14,643	G2 T5 S3 1.1
1.2 Bad Debt Commodity	3,324	1,583	1,740	-	-	-	-	0	0	-	-	G2 T5 S3 1.2
1.3 System Gas Fee	1,580	919	613	0	-	13	-	0	2	7	25	G2 T5 S3 1.3
1.4 Return on Rate Base - Working Cash	1,563	910	606	0	-	13	-	0	2	7	25	G2 T5 S2 1.1
1 Total Commodity Costs	916,866	533,298	356,015	30	-	7,675	-	137	944	4,073	14,693	
<b>VOLUMES (103 m3)</b>												
2.1 System and Buy/Sell Volumes	8,004,933	4,659,174	3,104,338	263	-	67,252	-	1,200	8,265	35,690	128,752	
2.2 System Volumes	8,004,933	4,659,174	3,104,338	263	-	67,252	-	1,200	8,265	35,690	128,752	
<b>GAS SUPPLY CHARGE SYSTEM (¢/m<sup>3</sup>)</b>												
3.1 Annual Commodity	11,3730	11,3730	11,3730	11,3730	-	11,3730	-	11,3730	11,3730	11,3730	11,3730	1.1 / 2.1
3.2 Bad Debt Commodity	0,0415	0,0340	0,0561	-	-	-	-	0,0262	0,0038	-	-	1.2 / 2.1
3.3 System Gas Fee	0,0197	0,0197	0,0197	0,0197	-	0,0197	-	0,0197	0,0197	0,0197	0,0197	1.3 / 2.2
3.4 Return on Rate Base - Working Cash	0,0195	0,0195	0,0195	0,0195	-	0,0194	-	0,0195	0,0195	0,0195	0,0195	1.4 / 2.1
3 System Gas Supply Charge	11,4538	11,4462	11,4683	11,4122	-	11,4122	11,4122	11,4384	11,4160	11,4122	11,4122	
<b>GAS SUPPLY CHARGE BUY/SELL(¢/m3)</b>												
4.1 Annual Commodity	11,3730	11,3730	11,3730	11,3730	-	11,3730	-	11,3730	11,3730	11,3730	11,3730	1.1 / 2.1
4.2 Bad Debt Commodity	0,0415	0,0340	0,0561	-	-	-	-	0,0262	0,0038	-	-	1.2 / 2.1
4.3 Return on Rate Base - Working Cash	0,0195	0,0195	0,0195	0,0195	-	0,0194	-	0,0195	0,0195	0,0195	0,0195	1.4 / 2.1
4 Buy/Sell Gas Supply Charge	11,4340	11,4265	11,4486	11,3925	-	11,3924	11,3924	11,4187	11,3963	11,3925	11,3925	

[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-2016-0326/EB-2016-0215 Adjusted Gas Supply Charge €/m <sup>3</sup>		11,1359	11,1580	11,1019	11,158	11,1019	11,1019	11,1282	11,1058	11,1019	11,1019
2 EB-2016-0215 Sales Volume '000 m <sup>3</sup>	8,004,933	4,659,174	3,104,338	263	-	67,252	-	1,200	8,265	35,690	128,752
3 Gas Supply Charge Revenue \$'000	892,026	518,841	346,382	29	-	7,466	-	134	918	3,962	14,294
Less											
4 Commodity Cost Change <sup>(1)</sup>	24,912	14,500	9,661	1	-	209	-	4	26	111	401
5 Working Cash Commodity Change <sup>(2)</sup>	(74)	(43)	(29)	(0)	-	(1)	-	(0)	(0)	(0)	(1)
6 Gas Supply Costs underpinning EB-2016-0326 rates	916,866	533,299	356,015	30	-	7,675	-	137	944	4,073	14,693
7 Gas Supply Charge		11,4462	11,4683	11,4122	-	11,4122	-	11,4384	11,4160	11,4122	11,4122

Notes:

- (1) Q1-1, Tab 3, Sch. 2, Item 1.1  
(2) Q1-1, 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	\$ (513)	H2T5S1 P5 line 2.3
Annual Volume (103 m3)	60,899	
Mean Daily Volume (103 m3)	167	
Annual Seasonal Credits	\$ (3.08)	
Payable from December to March	\$ (0.77)	
<b>RATE 145</b>		
Seasonal Credits Applicable to Rate 145	\$ (347)	H2T5S1 P6 line 2.3
Annual Volume (103 m3)	63,318	
Mean Daily Volume (103 m3)		
16 Hours	173	
Annual Seasonal Credits		
16 Hours	\$ (2.00)	
Payable from December to March	\$ (0.50)	
Seasonal Credits Applicable to Rate 145		
16 Hours	\$ (347)	
<b>RATE 170</b>		
Seasonal Credits Applicable to Rate 170	\$ (3,572)	H2T5S1 P6 line 7.3
Annual Volume (103 m3)	296,313	
Mean Daily Volume (103 m3)	812	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	
<b>RATE 200</b>		
Seasonal Credits Applicable to Rate 200	\$ (211)	H2T5S1 P7 line 2.3
Annual Volume (103 m3)	17,485	
Mean Daily Volume (103 m3)	48	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	

DETAILED REVENUE CALCULATION

EB-2016-0215 vs EB-2016-0326

Item No.	Col. 1		Col. 2	Col. 3		Col. 4	Col. 5	Col. 6	Col. 7
				Adjusted				Proposed	
			Bills &	EB-2016-0215			Rate	EB-2016-0326	
	<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 1</u></b>									
1.1	Customer Charge	Bills	23,844,341	\$20.00	476,887	\$0.00	\$20.00	476,887	
1.2	Delivery Charge	first 30	680,534	8.5204	57,984	(0.0009)	8.5195	57,978	
1.3		next 55	969,195	7.9715	77,259	(0.0008)	7.9707	77,251	
1.4		next 85	1,071,757	7.5416	80,828	(0.0008)	7.5408	80,819	
1.5		over 170	2,189,992	7.2212	158,144	(0.0008)	7.2204	158,127	
1.	Total Distribution Charge		4,911,478		851,102			851,063	
2.1	Gas Supply Load Balancing		4,911,478	1.6617	81,614	(0.0399)	1.6218	79,654	
2.2	Gas Supply Transportation		4,782,102	5.6230	268,898	(0.2956)	5.3274	254,762	
2.3	Gas Supply Transportation Dawn		10,938	1.1335	124	0.0069	1.1404	125	
3.1	Gas Supply Commodity - System		4,659,174	11.1359	518,841	0.3103	11.4462	533,298	
3.2	Gas Supply Commodity - Buy/Sell		0	11.1162	0	0.3103	11.4265	0	
3.	Total Gas Supply Charge		4,659,174		518,841			533,298	
4.1	TOTAL DISTRIBUTION		4,911,478		851,102			851,063	
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,911,478		350,636			334,541	
4.3	TOTAL GAS SUPPLY COMMODITY		4,659,174		518,841			533,298	
4.	TOTAL RATE 1		<b>4,911,478</b>		1,720,578			1,718,902	
5.	Adj. Factor	0.9999							
6.	ADJUSTED REVENUE				<b>1,720,477</b>			<b>1,718,800</b>	
7.	REVENUE INC./ (DEC.)							<b>(1,677)</b>	

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2016-0215 vs EB-2016-0326

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
			Adjusted EB-2016-0215			Proposed EB-2016-0326		
Item No.	Rate Block m³	Bills & Volumes 10³ m³	Rate cents*	Revenues \$000	Rate Change cents*	Rate cents*	Revenues \$000	
RATE 6								
1.1	Customer Charge	Bills	1,997,747	\$70.00	139,842	\$0.00	\$70.00	139,842
1.2	Delivery Charge	First 500	606,888	8.2397	50,006	(0.0006)	8.2391	50,002
1.3		Next 1050	732,531	6.2990	46,142	(0.0005)	6.2985	46,139
1.4		Next 4500	1,268,707	4.9400	62,674	(0.0004)	4.9396	62,669
1.5		Next 7000	737,068	4.0668	29,975	(0.0003)	4.0665	29,973
1.6		Next 15250	614,335	3.6789	22,601	(0.0003)	3.6786	22,599
1.7		Over 28300	902,740	3.5814	32,331	(0.0003)	3.5811	32,328
1.	Total Distribution Charge		4,862,269		383,571			383,552
2.1	Gas Supply Load Balancing		4,862,269	1.5308	74,432	(0.0356)	1.4952	72,701
2.2	Gas Supply Transportation		3,949,341	5.6230	222,071	(0.2956)	5.3274	210,397
2.3	Gas Supply Transportation Dawn		82,724	1.1335	938	0.0069	1.1404	943
3.1	Gas Supply Commodity - System		3,104,338	11.1580	346,382	0.3103	11.4683	356,015
3.2	Gas Supply Commodity - Buy/Sell		0	11.1383	0	0.3103	11.4486	0
3.	Total Gas Supply Charge		3,104,338		346,382			356,015
4.1	TOTAL DISTRIBUTION		4,862,269		383,571			383,552
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,862,269		297,441			284,041
4.3	TOTAL GAS SUPPLY COMMODITY		3,104,338		346,382			356,015
4.	TOTAL RATE 6		4,862,269		1,027,394			1,023,608
5.	Adj. Factor	1.000						
6.	ADJUSTED REVENUE				1,027,333			1,023,548
7.	REVENUE INC./(DEC.)							(3,786)

NOTE \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2016-0215 vs EB-2016-0326

	Col. 1		Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item				Adjusted			Proposed	
No.	Rate Block		Bills & Volumes	EB-2016-0215		Rate	EB-2016-0326	
	m³		10³ m³	Rate	Revenues	Change	Rate	Revenues
				cents*	\$000	cents*	cents*	\$000
RATE 9								
1.1	Customer Charge	Bills	72	\$235.95	17	\$0.00	\$235.95	17
1.2	Delivery Charge	first 20000	237	10.9396	26	(0.0010)	10.9386	26
1.3		over 20000	26	10.2397	3	(0.0009)	10.2388	3
1.	Total Distribution Charge		263		46			46
2.1	Gas Supply Load Balancing		263	0.0195	0	(0.0005)	0.0190	0
2.2	Gas Supply Transportation		263	5.6230	15	(0.2956)	5.3274	14
2.3	Gas Supply Transportation Dawn		0	1.1335	0	0.0069	1.1404	0
3.1	Gas Supply Commodity - System		263	11.1019	29	0.3103	11.4122	30
3.2	Gas Supply Commodity - Buy/Sell		0	11.0822	0	0.3103	11.3925	0
3.	Total Gas Supply Charge		263		29			30
4.1	TOTAL DISTRIBUTION		263		46			46
4.2	TOTAL GAS SUPPLY LOAD BALANCING		263		15			14
4.3	TOTAL GAS SUPPLY COMMODITY		263		29			30
4	TOTAL RATE 9		263		90			90
5.	REVENUE INC./(DEC.)							0

				Proposed				
		Contracts &	EB-2016-0215		Rate	EB-2016-0326		
		Volumes	Rate	Revenues	Change	Rate	Revenues	
		10³ m³	cents*	\$000	cents*	cents*	\$000	
		<u>Rate Block</u>						
		m³						
<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	0.1748	0	(0.0001)	0.1747	0
1.4		next 28,000	0	0.1748	0	(0.0001)	0.1747	0
1.5		over 42,000	0	0.1748	0	(0.0001)	0.1747	0
1	Total Distribution Charge		0		0			0
2.1	Gas Supply Load Balancing		0	1.5308	0	(0.0356)	1.4952	0
2.2	Gas Supply Transportation		0	5.6230	0	(0.2956)	5.3274	0
2.3	Gas Supply Transportation Dawn		0	1.1335	0	0.0069	1.1404	0
3.1	Gas Supply Commodity - System		0	11.1580	0	0.3103	11.4683	0
3.2	Gas Supply Commodity - Buy/Sell		0	11.1383	0	0.3103	11.4486	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-2016-0215 vs EB-2016-0326

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.		Rate Block m³	Contracts & Volumes 10³ m³	Adjusted EB-2016-0215		Rate Change cents*	Proposed EB-2016-0326	
				Rate	Revenues		Rate	Revenues
				cents*	\$000		cents*	\$000
<b><u>RATE 110</u></b>								
1.1	Customer Charge	Contracts	3,276	\$587.37	1,924	\$0.00	\$587.37	1,924
1.2	Demand Charge		53,023	22.9100	12,148	0.0000	22.9100	12,148
1.3	Delivery Charge	first 1,000,000	667,252	0.7610	5,078	(0.0007)	0.7603	5,073
1.4		over 1,000,000	194,183	0.6110	1,186	(0.0007)	0.6103	1,185
1.	Total Distribution Charge		861,435		20,336			20,330
2.1	Load Balancing Commodity		861,435	0.3236	2,788	(0.0066)	0.3170	2,731
2.2	Gas Supply Transportation		302,931	5.6230	17,034	(0.2956)	5.3274	16,138
2.3	Gas Supply Transportation Dawn		62,631	1.1335	710	0.0069	1.1404	714
2.	Total Gas Supply Load Balancing				20,531			19,583
3.1	Gas Supply Commodity - System		67,252	11.1019	7,466	0.3103	11.4122	7,675
3.2	Gas Supply Commodity - Buy/Sell		0	11.0822	0	0.3102	11.3924	0
3.	Total Gas Supply Charge		67,252		7,466			7,675
4.1	TOTAL DISTRIBUTION		861,435		20,336			20,330
4.2	TOTAL GAS SUPPLY LOAD BALANCING		861,435		20,531			19,583
4.3	TOTAL GAS SUPPLY COMMODITY		67,252		7,466			7,675
4.	TOTAL RATE 110		861,435		48,334			47,589
5.	REVENUE INC./(DEC.)							(745)
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.		Rate Block m³	Contracts & Volumes 10³ m³	Adjusted EB-2016-0215		Rate Change cents*	Proposed EB-2016-0326	
				Rate	Revenues		Rate	Revenues
				cents*	\$000		cents*	\$000
<b><u>RATE 115</u></b>								
6.6	Customer Charge	Contracts	312	\$622.62	194	\$0.00	\$622.62	194
6.2	Demand Charge		18,338	24.3600	4,467	0.0000	24.3600	4,467
6.3	Delivery Charge	first 1,000,000	154,316	0.3929	606	(0.0012)	0.3917	604
6.4		over 1,000,000	335,976	0.2929	984	(0.0012)	0.2917	980
6	Total Distribution Charge		490,292		6,252			6,246
7.1	Load Balancing Commodity		490,292	0.1165	571	(0.0023)	0.1142	560
7.2	Gas Supply Transportation		12,134	5.6230	682	(0.2956)	5.3274	646
7.3	Gas Supply Transportation Dawn		46,804	1.1335	531	0.0069	1.1404	534
7	Total Gas Supply Load Balancing				1,784			1,740
8.1	Gas Supply Commodity - System		0	11.1019	0	0.3103	11.4122	0
8.2	Gas Supply Commodity - Buy/Sell		0	11.0822	0	0.3102	11.3924	0
8.	Total Gas Supply Charge		0		0			0
9.1	TOTAL DISTRIBUTION		490,292		6,252			6,246
9.2	TOTAL GAS SUPPLY LOAD BALANCING		490,292		1,784			1,740
9.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
9.	TOTAL RATE 115		490,292		8,036			7,986
10.	REVENUE INC./(DEC.)							(49)

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATIONEB-2016-0215 vs EB-2016-0326

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Rate Block m³	Contracts & Volumes 10³ m³	Adjusted EB-2016-0215		Rate Change cents*	Proposed EB-2016-0326	
			Rate cents*	Revenues \$000		Rate cents*	Revenues \$000
RATE 125							
1.1	Customer Charge	60	\$ 500.00	30	\$ -	\$ 500.00	30
1.2	Demand Charge	119,224	9.7583	11,634	-	9.7583	11,634
1.	Total Distribution Charge	119,224		11,664			11,664
2.	REVENUE INC./(DEC.)						0
Item No.	Rate Block m³	Contracts & Volumes 10³ m³	Adjusted EB-2016-0215		Rate Change cents*	Proposed EB-2016-0326	
			Rate cents*	Revenues \$000		Rate cents*	Revenues \$000
RATE 135							
DEC to MAR							
1.1	Customer Charge	Contracts 176	\$115.08	20	\$0.00	\$115.08	20
1.2	Delivery Charge	first 14,000	595	7.1166	(0.0010)	7.1156	42
1.3		next 28,000	928	5.9166	(0.0010)	5.9156	55
1.4		over 42,000	2,318	5.5166	(0.0010)	5.5156	128
1.	Total Distribution Charge	3,841		245			245
2.1	Gas Supply Load Balancing	3,841	0.0000	0	0.0000	0.0000	0
2.2	Gas Supply Transportation	1,726	5.6230	97	(0.2956)	5.3274	92
2.3	Gas Supply Transportation Dawn	373	1.1335	4	0.0069	1.1404	4
2.4	Seasonal Credit			(513)			(513)
3.1	Gas Supply Commodity - System	86	11.1282	10	0.3102	11.4384	10
3.2	Gas Supply Commodity - Buy/Sell	0	11.1084	0	0.3103	11.4187	0
3.	Total Gas Supply Charge	86		10			10
4.	SUB-TOTAL WINTER			-157			-162
APR to NOV							
5.1	Customer Charge	Contracts 352	\$115.08	41	\$0.00	\$115.08	41
5.2	Delivery Charge	first 14,000	4,556	2.4166	(0.0010)	2.4156	110
5.3		next 28,000	8,635	1.7166	(0.0010)	1.7156	148
5.4		over 42,000	43,867	1.5166	(0.0010)	1.5156	665
5.	Total Distribution Charge	57,058		964			964
6.1	Gas Supply Load Balancing	57,058	0.0000	0	0.0000	0.0000	0
6.2	Gas Supply Transportation	30,436	5.6230	1,711	(0.2956)	5.3274	1,621
6.3	Gas Supply Transportation Dawn	159	1.1335	2	0.0069	1.1404	2
7.1	Gas Supply Commodity - System	1,114	11.1282	124	0.3102	11.4384	127
7.2	Gas Supply Commodity - Buy/Sell	0	11.1084	0	0.3103	11.4187	0
7.	Total Gas Supply Charge	1,114		124			127
8.	SUB-TOTAL SUMMER			2,801			2,714
9.1	TOTAL DISTRIBUTION	60,899		1,209			1,209
9.2	TOTAL GAS SUPPLY LOAD BALANCING	60,899		1,301			1,206
9.3	TOTAL GAS SUPPLY COMMODITY	1,200		134			137
9.	TOTAL RATE 135	60,899		2,644			2,553
10.	REVENUE INC./(DEC.)						(92)

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2016-0215 vs EB-2016-0326

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.			Contracts & Volumes 10³ m³	Adjusted EB-2016-0215 Rate Revenues cents* \$000		Rate Change cents*	Proposed EB-2016-0326 Rate Revenues cents* \$000	
		Rate Block m³						
RATE 145								
1.1	Customer Charge	Contracts	408	\$123.34	50	\$0.00	\$123.34	50
1.2	Demand Charge		8,992	8.2300	740	-	8.2300	740
1.2	Delivery Charge	first 14,000	5,251	2.9864	157	(0.0032)	2.9832	157
1.3		next 28,000	9,721	1.6274	158	(0.0032)	1.6242	158
1.4		over 42,000	48,346	1.0684	517	(0.0032)	1.0652	515
1.	Total Distribution Charge		63,318		1,622			1,620
2.1	Gas Supply Load Balancing		63,318	0.6808	431	(0.0127)	0.6681	423
2.2	Gas Supply Transportation		17,704	5.6230	996	(0.2956)	5.3274	943
2.3	Gas Supply Transportation Dawn		7,660	1.1335	87	0.0069	1.1404	87
2.4	Curtailement Credit				(347)			(347)
3.1	Gas Supply Commodity - System		8,265	11.1058	918	0.3102	11.4160	944
3.2	Gas Supply Commodity - Buy/Sell		0	11.0860	0	0.3103	11.3963	0
3.	Total Gas Supply Charge		8,265		918			944
4.1	TOTAL DISTRIBUTION		63,318		1,622			1,620
4.2	TOTAL GAS SUPPLY LOAD BALANCING		63,318		1,166			1,107
4.3	TOTAL GAS SUPPLY COMMODITY		8,265		918			944
4.	TOTAL RATE 145		63,318		3,706			3,670
5.	REVENUE INC./(DEC.)							(35)

			Contracts & Volumes 10³ m³	Adjusted EB-2016-0215 Rate Revenues cents* \$000		Rate Change cents*	Proposed EB-2016-0326 Rate Revenues cents* \$000	
		Rate Block m³						
RATE 170								
6.6	Customer Charge	Contracts	300	\$279.31	84	\$0.00	\$279.31	84
6.2	Demand Charge		33,149	4.0900	1,356	0.0000	4.0900	1,356
6.3	Delivery Charge	first 1,000,000	198,299	0.5303	1,052	(0.0014)	0.5289	1,049
6.4		over 1,000,000	98,014	0.3303	324	(0.0014)	0.3289	322
6	Total Distribution Charge		296,313		2,815			2,811
7.1	Gas Supply Load Balancing		296,313	0.3151	934	(0.0059)	0.3092	916
7.2	Gas Supply Transportation		90,520	5.6230	5,090	(0.2956)	5.3274	4,822
7.3	Gas Supply Transportation Dawn		8,181	1.1335	93	0.0069	1.1404	93
7.4	Curtailement Credit				(3,572)			(3,572)
8.1	Gas Supply Commodity - System		35,690	11.1019	3,962	0.3103	11.4122	4,073
8.2	Gas Supply Commodity - Buy/Sell		0	11.0822	0	0.3103	11.3925	0
8.	Total Gas Supply Charge		35,690		3,962			4,073
9.1	TOTAL DISTRIBUTION		296,313		2,815			2,811
9.2	TOTAL GAS SUPPLY LOAD BALANCING		296,313		2,544			2,260
9.3	TOTAL GAS SUPPLY COMMODITY		35,690		3,962			4,073
9.	TOTAL RATE 170		296,313		9,321			9,143
10.	REVENUE INC./(DEC.)							(178)

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2016-0215 vs EB-2016-0326

		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	Adjusted EB-2016-0215		<u>Rate Change</u> cents*	Proposed EB-2016-0326	
				<u>Rate</u> cents*	<u>Revenues</u> \$000		<u>Rate</u> cents*	<u>Revenues</u> \$000
<b><u>RATE 200</u></b>								
1.1	Customer Charge	Contracts	12	\$0.00	0	\$0.00	\$0.00	0
1.2	Demand Charge		14,957	14.7000	2,199	0.0000	14.7000	2,199
1.3	Delivery Charge		170,843	1.1556	1,974	(0.0019)	1.1537	1,971
1.	Total Distribution Charge		170,843		4,173			4,170
2.1	Gas Supply Load Balancing		170,843	1.3652	2,332	(0.0300)	1.3352	2,281
2.2	Gas Supply Transportation		165,070	5.6230	9,282	(0.2956)	5.3274	8,794
2.3	Gas Supply Transportation Dawn		0	0.0000	0	1.1404	1.1404	0
2.4	Curtailment Credit				(211)			(211)
3.1	Gas Supply Commodity - System		128,752	11.1019	14,294	0.3103	11.4122	14,693
3.2	Gas Supply Commodity - Buy/Sell		0	11.0822	0	0.3103	11.3925	0
3.	Total Gas Supply Charge		128,752		14,294			14,693
4.1	TOTAL DISTRIBUTION		170,843		4,173			4,170
4.2	TOTAL GAS SUPPLY LOAD BALANCING		170,843		11,403			10,864
4.3	TOTAL GAS SUPPLY COMMODITY		128,752		14,294			14,693
4.	TOTAL RATE 200		<u>170,843</u>		<u>29,870</u>			<u>29,727</u>
5.	REVENUE INC./(DEC.)							<b>(143)</b>
		<u>Rate Block</u> m³	<u>Contracts &amp; Volumes</u> 10³ m³	Adjusted EB-2016-0215		<u>Rate Change</u> cents*	Proposed EB-2016-0326	
				<u>Rate</u> cents*	<u>Revenues</u> \$000		<u>Rate</u> cents*	<u>Revenues</u> \$000
<b><u>RATE 300</u></b>								
<b>Firm</b>								
	Customer Charge		24	\$500.00	12	0.0000	\$500.00	12
	Demand Charge		187	26.4239	49	0.0000	26.4239	49
<b>Interruptible</b>								
	Minimum Delivery Charge		34,992	0.3850	135	0.0000	0.3850	135
	Maximum Delivery Charge		0	1.0425	0	0.0000	1.0425	0
8.	TOTAL RATE 300		<u>0</u>		<u>196</u>			<u>196</u>
9.	REVENUE INC./(DEC.)							<b>0</b>

NOTE: \* Cents unless otherwise noted.



**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	232.69	223.22	9.47	4.2%	350.81	336.50	14.31	4.3%
1.4	LOAD BALANCING	\$ \$	212.93	223.42	(10.49)	-4.7%	326.00	342.03	(16.03)	-4.7%
1.5	SALES COMMDTY	\$	350.71	342.55	8.16	2.4%	536.94	524.43	12.51	2.4%
1.6	TOTAL SALES	\$	1,036.33	1,029.19	7.14	0.7%	1,453.75	1,442.96	10.79	0.7%
1.7	TOTAL T-SERVICE	\$	685.62	686.64	(1.02)	-0.1%	916.81	918.53	(1.72)	-0.2%
1.8	SALES UNIT RATE	\$/m³	0.3382	0.3359	0.0023	0.7%	0.3099	0.3076	0.0023	0.7%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2238	0.2241	(0.0003)	-0.1%	0.1954	0.1958	(0.0004)	-0.2%
1.10	SALES UNIT RATE	\$/GJ	8.974	8.912	0.0618	0.7%	8.222	8.161	0.0610	0.7%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.937	5.946	(0.0088)	-0.1%	5.185	5.195	(0.0097)	-0.2%

  

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.	\$	149.22	143.17	6.05	4.2%	155.29	149.01	6.28	4.2%
2.4	LOAD BALANCING	\$ \$	135.86	142.54	(6.68)	-4.7%	139.32	146.19	(6.87)	-4.7%
2.5	SALES COMMDTY	\$	223.77	218.55	5.22	2.4%	229.51	224.15	5.36	2.4%
2.6	TOTAL SALES	\$	748.85	744.26	4.59	0.6%	764.12	759.35	4.77	0.6%
2.7	TOTAL T-SERVICE	\$	525.08	525.71	(0.63)	-0.1%	534.61	535.20	(0.59)	-0.1%
2.8	SALES UNIT RATE	\$/m³	0.3830	0.3807	0.0023	0.6%	0.3811	0.3787	0.0024	0.6%
2.9	T-SERVICE UNIT RATE	\$/m³	0.2686	0.2689	(0.0003)	-0.1%	0.2666	0.2669	(0.0003)	-0.1%
2.10	SALES UNIT RATE	\$/GJ	10.163	10.101	0.0623	0.6%	10.112	10.049	0.0631	0.6%
2.11	T-SERVICE UNIT RATE	\$/GJ	7.126	7.135	(0.0086)	-0.1%	7.075	7.082	(0.0078)	-0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

# **ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2016-0326 @ 37.69 MJ/m³ vs (B) EB-2016-0260 @ 37.69 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.	\$	377.29	361.91	15.38	4.2%		87.64	84.09	3.55	4.2%		
3.4	LOAD BALANCING	\$ \$	350.80	368.07	(17.27)	-4.7%		75.12	78.81	(3.69)	-4.7%		
3.5	SALES COMMDTY	\$	577.80	564.35	13.45	2.4%		123.73	120.84	2.89	2.4%		
3.6	TOTAL SALES	\$	1,545.89	1,534.33	11.56	0.8%		526.49	523.74	2.75	0.5%		
3.7	TOTAL T-SERVICE	\$	968.09	969.98	(1.89)	-0.2%		402.76	402.90	(0.14)	0.0%		
3.8	SALES UNIT RATE	\$/m³	0.3062	0.3039	0.0023	0.8%		0.4870	0.4845	0.0025	0.5%		
3.9	T-SERVICE UNIT RATE	\$/m³	0.1918	0.1922	(0.0004)	-0.2%		0.3726	0.3727	(0.0001)	0.0%		
3.10	SALES UNIT RATE	\$/GJ	8.125	8.064	0.0608	0.8%		12.922	12.855	0.0675	0.5%		
3.11	T-SERVICE UNIT RATE	\$/GJ	5.088	5.098	(0.0099)	-0.2%		9.885	9.889	(0.0034)	0.0%		
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.	\$	189.97	182.27	7.70	4.2%		183.89	176.43	7.46	4.2%		
3.4	LOAD BALANCING	\$ \$	172.34	180.83	(8.49)	-4.7%		166.76	175.00	(8.24)	-4.7%		
3.5	SALES COMMDTY	\$	283.87	277.25	6.62	2.4%		274.71	268.30	6.41	2.4%		
3.6	TOTAL SALES	\$	886.18	880.35	5.83	0.7%		865.36	859.73	5.63	0.7%		
3.7	TOTAL T-SERVICE	\$	602.31	603.10	(0.79)	-0.1%		590.65	591.43	(0.78)	-0.1%		
3.8	SALES UNIT RATE	\$/m³	0.3573	0.3550	0.0024	0.7%		0.3606	0.3582	0.0023	0.7%		
3.9	T-SERVICE UNIT RATE	\$/m³	0.2429	0.2432	(0.0003)	-0.1%		0.2461	0.2464	(0.0003)	-0.1%		
3.10	SALES UNIT RATE	\$/GJ	9.481	9.418	0.0624	0.7%		9.567	9.504	0.0622	0.7%		
3.11	T-SERVICE UNIT RATE	\$/GJ	6.444	6.452	(0.0085)	-0.1%		6.530	6.538	(0.0086)	-0.1%		

§ The Load Balancing Charge shown here includes proposed transportation charges

## ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS

(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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)	CHANGE	
					(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.	\$	1,409.57	1,370.70	38.87	2.8%	1,808.53	1,758.65	49.88	2.8%
1.4	LOAD BALANCING	§ \$	1,542.32	1,623.02	(80.70)	-5.0%	1,997.52	2,102.04	(104.52)	-5.0%
1.5	SALES COMMDTY	\$	2,592.53	2,533.00	59.53	2.4%	3,357.69	3,280.60	77.09	2.3%
1.6	TOTAL SALES	\$	6,384.42	6,366.72	17.70	0.3%	8,003.74	7,981.29	22.45	0.3%
1.7	TOTAL T-SERVICE	\$	3,791.89	3,833.72	(41.83)	-1.1%	4,646.05	4,700.69	(54.64)	-1.2%
1.8	SALES UNIT RATE	\$/m³	0.2824	0.2816	0.0008	0.3%	0.2734	0.2726	0.0008	0.3%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1677	0.1696	(0.0019)	-1.1%	0.1587	0.1606	(0.0019)	-1.2%
1.10	SALES UNIT RATE	\$/GJ	7.493	7.472	0.0208	0.3%	7.253	7.233	0.0203	0.3%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.450	4.500	(0.0491)	-1.1%	4.210	4.260	(0.0495)	-1.2%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(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.	\$	7,590.71	7,381.53	209.18	2.8%	13,898.06	13,515.09	382.97	2.8%
2.4	LOAD BALANCING	§ \$	11,568.60	12,173.89	(605.29)	-5.0%	23,137.15	24,347.72	(1,210.57)	-5.0%
2.5	SALES COMMDTY	\$	19,445.98	18,999.54	446.44	2.3%	38,891.84	37,998.97	892.87	2.3%
2.6	TOTAL SALES	\$	39,445.29	39,394.96	50.33	0.1%	76,767.05	76,701.78	65.27	0.1%
2.7	TOTAL T-SERVICE	\$	19,999.31	20,395.42	(396.11)	-1.9%	37,875.21	38,702.81	(827.60)	-2.1%
2.8	SALES UNIT RATE	\$/m³	0.2326	0.2323	0.0003	0.1%	0.2264	0.2262	0.0002	0.1%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1179	0.1203	(0.0023)	-1.9%	0.1117	0.1141	(0.0024)	-2.1%
2.10	SALES UNIT RATE	\$/GJ	6.172	6.164	0.0079	0.1%	6.006	6.001	0.0051	0.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.129	3.191	(0.0620)	-1.9%	2.963	3.028	(0.0647)	-2.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	2,498.92	2,430.02	68.90	2.8%		3,351.54	3,259.15	92.39	2.8%
3.4	LOAD BALANCING	\$ \$	2,953.17	3,107.67	(154.50)	-5.0%		4,359.86	4,587.96	(228.10)	-5.0%
3.5	SALES COMMDTY	\$	4,964.06	4,850.10	113.96	2.3%		7,328.59	7,160.34	168.25	2.3%
3.6	TOTAL SALES	\$	11,256.15	11,227.79	28.36	0.3%		15,879.99	15,847.45	32.54	0.2%
3.7	TOTAL T-SERVICE	\$	6,292.09	6,377.69	(85.60)	-1.3%		8,551.40	8,687.11	(135.71)	-1.6%
3.8	SALES UNIT RATE	\$/m³	0.2600	0.2594	0.0007	0.3%		0.2485	0.2480	0.0005	0.2%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1454	0.1473	(0.0020)	-1.3%		0.1338	0.1359	(0.0021)	-1.6%
3.10	SALES UNIT RATE	\$/GJ	6.900	6.882	0.0174	0.3%		6.593	6.580	0.0135	0.2%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.857	3.909	(0.0525)	-1.3%		3.551	3.607	(0.0563)	-1.6%
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.	\$	7,773.22	7,559.04	214.18	2.8%		14,033.88	13,647.17	386.71	2.8%
4.4	LOAD BALANCING	\$ \$	11,568.60	12,173.90	(605.30)	-5.0%		23,137.07	24,347.64	(1,210.57)	-5.0%
4.5	SALES COMMDTY	\$	19,446.00	18,999.54	446.46	2.3%		38,891.75	37,998.85	892.90	2.3%
4.6	TOTAL SALES	\$	39,627.82	39,572.48	55.34	0.1%		76,902.70	76,833.66	69.04	0.1%
4.7	TOTAL T-SERVICE	\$	20,181.82	20,572.94	(391.12)	-1.9%		38,010.95	38,834.81	(823.86)	-2.1%
4.8	SALES UNIT RATE	\$/m³	0.2337	0.2334	0.0003	0.1%		0.2268	0.2266	0.0002	0.1%
4.9	T-SERVICE UNIT RATE	\$/m³	0.1190	0.1213	(0.0023)	-1.9%		0.1121	0.1145	(0.0024)	-2.1%
4.10	SALES UNIT RATE	\$/GJ	6.201	6.192	0.0087	0.1%		6.017	6.011	0.0054	0.1%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.158	3.219	(0.0612)	-1.9%		2.974	3.038	(0.0645)	-2.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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	1,464	0	0.0%	1,464	1,464	0	0.0%
1.3	DISTRIBUTION CHG.	\$	13,522	13,454	68	0.5%	65,846	65,726	120	0.2%
1.4	LOAD BALANCING	\$	23,141	24,352	(1,211)	-5.0%	40,838	42,975	(2,137)	-5.0%
1.5	SALES COMMDTY	\$	38,899	38,006	893	2.3%	68,645	67,069	1,576	2.3%
1.6	TOTAL SALES	\$	77,027	77,277	(250)	-0.3%	176,793	177,234	(441)	-0.2%
1.7	TOTAL T-SERVICE	\$	38,128	39,271	(1,143)	-2.9%	108,148	110,164	(2,017)	-1.8%
1.8	SALES UNIT RATE	\$/m³	0.2271	0.2278	(0.0007)	-0.3%	0.2954	0.2961	(0.0007)	-0.2%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1124	0.1158	(0.0034)	-2.9%	0.1807	0.1840	(0.0034)	-1.8%
1.10	SALES UNIT RATE	\$/GJ	6.0253	6.0448	(0.0195)	-0.3%	7.8366	7.8561	(0.0195)	-0.2%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.9825	3.0719	(0.0894)	-2.9%	4.7938	4.8832	(0.0894)	-1.8%

**Rate 100 - Large Industrial Firm**

		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>					
				(A) - (B)	%				
2.1	VOLUME	m <sup>3</sup>	1,500,000	1,500,000	0	0.0%			
2.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%			
2.3	DISTRIBUTION CHG.	\$	132,221	131,920	301	0.2%			
2.4	LOAD BALANCING	\$	102,339	107,694	(5,355)	-5.0%			
2.5	SALES COMMDTY	\$	172,025	168,075	3,950	2.3%			
2.6	TOTAL SALES	\$	408,048	409,153	(1,104)	-0.3%			
2.7	TOTAL T-SERVICE	\$	236,024	241,078	(5,054)	-2.1%			
2.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2720	0.2728	(0.0007)	-0.3%			
2.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1573	0.1607	(0.0034)	-2.1%			
2.10	SALES UNIT RATE	\$/GJ	7.2176	7.2372	(0.0195)	-0.3%			
2.11	T-SERVICE UNIT RATE	\$/GJ	4.1748	4.2642	(0.0894)	-2.1%			

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	10,385	10,245	140	1.4%	15,265	15,018	247	1.6%
3.4	LOAD BALANCING	\$	18,476	19,500	(1,024)	-5.3%	32,604	34,411	(1,807)	-5.3%
3.5	SALES COMMDTY	\$	38,722	37,790	931	2.5%	68,333	66,689	1,644	2.5%
3.6	TOTAL SALES	\$	69,062	69,015	48	0.1%	117,682	117,598	84	0.1%
3.7	TOTAL T-SERVICE	\$	30,341	31,225	(884)	-2.8%	49,350	50,910	(1,560)	-3.1%
3.8	SALES UNIT RATE	\$/m³	0.2036	0.2035	0.0001	0.1%	0.1966	0.1965	0.0001	0.1%
3.9	T-SERVICE UNIT RATE	\$/m³	0.0895	0.0921	(0.0026)	-2.8%	0.0824	0.0851	(0.0026)	-3.1%
3.10	SALES UNIT RATE	\$/GJ	5.4023	5.3985	0.0037	0.1%	5.2164	5.2127	0.0037	0.1%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.3733	2.4425	(0.0691)	-2.8%	2.1875	2.2566	(0.0691)	-3.1%
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.	\$	10,658	10,518	140	1.3%	15,507	15,260	247	1.6%
4.4	LOAD BALANCING	\$	18,476	19,499	(1,024)	-5.3%	32,604	34,411	(1,807)	-5.3%
4.5	SALES COMMDTY	\$	38,722	37,790	931	2.5%	68,332	66,689	1,644	2.5%
4.6	TOTAL SALES	\$	69,335	69,288	48	0.1%	117,924	117,840	84	0.1%
4.7	TOTAL T-SERVICE	\$	30,613	31,497	(884)	-2.8%	49,591	51,151	(1,560)	-3.0%
4.8	SALES UNIT RATE	\$/m³	0.2044	0.2043	0.0001	0.1%	0.1970	0.1969	0.0001	0.1%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0903	0.0929	(0.0026)	-2.8%	0.0828	0.0855	(0.0026)	-3.0%
4.10	SALES UNIT RATE	\$/GJ	5.4236	5.4199	0.0037	0.1%	5.2271	5.2234	0.0037	0.1%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.3947	2.4638	(0.0691)	-2.8%	2.1982	2.2673	(0.0691)	-3.0%

## ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	13,602	13,384	217	1.6%		222,917	219,293	3,625	1.7%
5.4	LOAD BALANCING	\$	33,786	35,552	(1,766)	-5.0%		563,092	592,531	(29,438)	-5.0%
5.5	SALES COMMDTY	\$	68,310	66,667	1,642	2.5%		1,138,495	1,111,120	27,374	2.5%
5.6	TOTAL SALES	\$	122,745	122,652	94	0.1%		1,931,553	1,929,992	1,561	0.1%
5.7	TOTAL T-SERVICE	\$	54,436	55,984	(1,549)	-2.8%		793,058	818,872	(25,814)	-3.2%
5.8	SALES UNIT RATE	\$/m³	0.2051	0.2049	0.0002	0.1%		0.1936	0.1935	0.0002	0.1%
5.9	T-SERVICE UNIT RATE	\$/m³	0.0909	0.0935	(0.0026)	-2.8%		0.0795	0.0821	(0.0026)	-3.2%
5.10	SALES UNIT RATE	\$/GJ	5.4408	5.4367	0.0042	0.1%		5.1371	5.1330	0.0042	0.1%
5.11	T-SERVICE UNIT RATE	\$/GJ	2.4129	2.4816	-0.0687	-2.8%		2.1092	2.1779	-0.0687	-3.2%
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.	\$	175,959	172,335	3,625	2.1%		914,152	896,381	17,771	2.0%
6.4	LOAD BALANCING	\$	563,092	592,531	(29,438)	-5.0%		3,800,024	4,011,833	(211,809)	-5.3%
6.5	SALES COMMDTY	\$	1,138,495	1,111,120	27,374	2.5%		7,969,465	7,777,843	191,621	2.5%
6.6	TOTAL SALES	\$	1,884,595	1,883,034	1,561	0.1%		12,691,113	12,693,529	(2,416)	0.0%
6.7	TOTAL T-SERVICE	\$	746,100	771,914	(25,814)	-3.3%		4,721,648	4,915,686	(194,037)	-3.9%
6.8	SALES UNIT RATE	\$/m³	0.1889	0.1888	0.0002	0.1%		0.1817	0.1818	(0.0000)	0.0%
6.9	T-SERVICE UNIT RATE	\$/m³	0.0748	0.0774	(0.0026)	-3.3%		0.0676	0.0704	(0.0028)	-3.9%
6.10	SALES UNIT RATE	\$/GJ	5.0122	5.0081	0.0042	0.1%		4.8219	4.8228	(0.0009)	0.0%
6.11	T-SERVICE UNIT RATE	\$/GJ	1.9843	2.0530	(0.0687)	-3.3%		1.7939	1.8677	(0.0737)	-3.9%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	10,497	10,368	129	1.2%		77,818	75,579	2,238	3.0%	
7.4	LOAD BALANCING	\$	26,845	28,690	(1,845)	-6.4%		442,054	473,467	(31,413)	-6.6%	
7.5	SALES COMMDTY	\$	68,467	66,731	1,735	2.6%		1,138,495	1,111,120	27,374	2.5%	
7.6	TOTAL SALES	\$	107,190	107,170	19	0.0%		1,661,718	1,663,519	(1,800)	-0.1%	
7.7	TOTAL T-SERVICE	\$	38,723	40,439	(1,716)	-4.2%		523,223	552,398	(29,175)	-5.3%	
7.8	SALES UNIT RATE	\$/m³	0.1791	0.1790	0.0000	0.0%		0.1666	0.1668	(0.0002)	-0.1%	
7.9	T-SERVICE UNIT RATE	\$/m³	0.0647	0.0676	(0.0029)	-4.2%		0.0524	0.0554	(0.0029)	-5.3%	
7.10	SALES UNIT RATE	\$/GJ	4.7513	4.7505	0.0009	0.0%		4.4195	4.4243	(0.0048)	-0.1%	
7.11	T-SERVICE UNIT RATE	\$/GJ	1.7164	1.7925	(0.0761)	-4.2%		1.3916	1.4691	(0.0776)	-5.3%	
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%	
8.3	DISTRIBUTION CHG.	\$	70,633	68,394	2,238	3.3%		378,861	363,192	15,669	4.3%	
8.4	LOAD BALANCING	\$	442,054	473,467	(31,413)	-6.6%		3,094,378	3,314,271	(219,893)	-6.6%	
8.5	SALES COMMDTY	\$	1,138,495	1,111,120	27,374	2.5%		7,969,465	7,777,843	191,621	2.5%	
8.6	TOTAL SALES	\$	1,654,533	1,656,334	(1,800)	-0.1%		11,446,055	11,458,658	(12,603)	-0.1%	
8.7	TOTAL T-SERVICE	\$	516,038	545,213	(29,175)	-5.4%		3,476,591	3,680,815	(204,224)	-5.5%	
8.8	SALES UNIT RATE	\$/m³	0.1658	0.1660	(0.0002)	-0.1%		0.1639	0.1641	(0.0002)	-0.1%	
8.9	T-SERVICE UNIT RATE	\$/m³	0.0517	0.0547	(0.0029)	-5.4%		0.0498	0.0527	(0.0029)	-5.5%	
8.10	SALES UNIT RATE	\$/GJ	4.4004	4.4051	(0.0048)	-0.1%		4.3488	4.3536	(0.0048)	-0.1%	
8.11	T-SERVICE UNIT RATE	\$/GJ	1.3724	1.4500	(0.0776)	-5.4%		1.3209	1.3985	(0.0776)	-5.5%	



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

**(A) EB-2016-0326 @ 37.69 MJ/m³ vs (B) EB-2016-0260 @ 37.69 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.	\$	335.39	223.22	112.17	50.3%		508.04	336.50	171.54	51.0%
1.4	LOAD BALANCING	\$ \$	212.93	223.42	(10.49)	-4.7%		326.00	342.03	(16.03)	-4.7%
1.5	SALES COMMDTY	\$	350.71	342.55	8.16	2.4%		536.94	524.43	12.51	2.4%
1.6	TOTAL SALES	\$	1,139.03	1,029.19	109.84	10.7%		1,610.98	1,442.96	168.02	11.6%
1.7	TOTAL T-SERVICE	\$	788.32	686.64	101.68	14.8%		1,074.04	918.53	155.51	16.9%
1.8	SALES UNIT RATE	\$/m³	0.3717	0.3359	0.0358	10.7%		0.3434	0.3076	0.0358	11.6%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2573	0.2241	0.0332	14.8%		0.2290	0.1958	0.0332	16.9%
1.10	SALES UNIT RATE	\$/GJ	9.863	8.912	0.9511	10.7%		9.112	8.161	0.9503	11.6%
1.11	T-SERVICE UNIT RATE	\$/GJ	6.826	5.946	0.8805	14.8%		6.075	5.195	0.8796	16.9%
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.	\$	214.75	143.17	71.58	50.0%		222.49	149.01	73.48	49.3%
2.4	LOAD BALANCING	\$ \$	135.86	142.54	(6.68)	-4.7%		139.32	146.19	(6.87)	-4.7%
2.5	SALES COMMDTY	\$	223.77	218.55	5.22	2.4%		229.51	224.15	5.36	2.4%
2.6	TOTAL SALES	\$	814.38	744.26	70.12	9.4%		831.32	759.35	71.97	9.5%
2.7	TOTAL T-SERVICE	\$	590.61	525.71	64.90	12.3%		601.81	535.20	66.61	12.4%
2.8	SALES UNIT RATE	\$/m³	0.4166	0.3807	0.0359	9.4%		0.4146	0.3787	0.0359	9.5%
2.9	T-SERVICE UNIT RATE	\$/m³	0.3021	0.2689	0.0332	12.3%		0.3002	0.2669	0.0332	12.4%
2.10	SALES UNIT RATE	\$/GJ	11.052	10.101	0.9516	9.4%		11.001	10.049	0.9524	9.5%
2.11	T-SERVICE UNIT RATE	\$/GJ	8.015	7.135	0.8808	12.3%		7.964	7.082	0.8815	12.4%

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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											
			(A)	(B)	CHANGE		General & Water Htg.				
					(A) - (B)	%	(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.	\$	546.49	361.91	184.58	51.0%	123.87	84.09	39.78	47.3%	
3.4	LOAD BALANCING	§ \$	350.80	368.07	(17.27)	-4.7%	75.12	78.81	(3.69)	-4.7%	
3.5	SALES COMMDTY	\$	577.80	564.35	13.45	2.4%	123.73	120.84	2.89	2.4%	
3.6	TOTAL SALES	\$	1,715.09	1,534.33	180.76	11.8%	562.72	523.74	38.98	7.4%	
3.7	TOTAL T-SERVICE	\$	1,137.29	969.98	167.31	17.2%	438.99	402.90	36.09	9.0%	
3.8	SALES UNIT RATE	\$/m³	0.3398	0.3039	0.0358	11.8%	0.5206	0.4845	0.0361	7.4%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.2253	0.1922	0.0331	17.2%	0.4061	0.3727	0.0334	9.0%	
3.10	SALES UNIT RATE	\$/GJ	9.014	8.064	0.9501	11.8%	13.812	12.855	0.9568	7.4%	
3.11	T-SERVICE UNIT RATE	\$/GJ	5.978	5.098	0.8794	17.2%	10.775	9.889	0.8859	9.0%	
Heating & Water Htg.											
			(A)	(B)	CHANGE		Heating & Water Htg.				
					(A) - (B)	%	(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.	\$	273.09	182.27	90.82	49.8%	264.33	176.43	87.90	49.8%	
3.4	LOAD BALANCING	§ \$	172.34	180.83	(8.49)	-4.7%	166.76	175.00	(8.24)	-4.7%	
3.5	SALES COMMDTY	\$	283.87	277.25	6.62	2.4%	274.71	268.30	6.41	2.4%	
3.6	TOTAL SALES	\$	969.30	880.35	88.95	10.1%	945.80	859.73	86.07	10.0%	
3.7	TOTAL T-SERVICE	\$	685.43	603.10	82.33	13.7%	671.09	591.43	79.66	13.5%	
3.8	SALES UNIT RATE	\$/m³	0.3908	0.3550	0.0359	10.1%	0.3941	0.3582	0.0359	10.0%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.2764	0.2432	0.0332	13.7%	0.2796	0.2464	0.0332	13.5%	
3.10	SALES UNIT RATE	\$/GJ	10.370	9.418	0.9517	10.1%	10.456	9.504	0.9516	10.0%	
3.11	T-SERVICE UNIT RATE	\$/GJ	7.333	6.452	0.8809	13.7%	7.419	6.538	0.8807	13.5%	

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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)	CHANGE
					(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.	\$	2,167.28	1,370.70	796.58	58.1%		2,789.87	1,758.65	1,031.22	58.6%	
1.4	LOAD BALANCING	\$ \$	1,542.32	1,623.02	(80.70)	-5.0%		1,997.52	2,102.04	(104.52)	-5.0%	
1.5	SALES COMMDTY	\$	2,592.53	2,533.00	59.53	2.4%		3,357.69	3,280.60	77.09	2.3%	
1.6	TOTAL SALES	\$	7,142.13	6,366.72	775.41	12.2%		8,985.08	7,981.29	1,003.79	12.6%	
1.7	TOTAL T-SERVICE	\$	4,549.60	3,833.72	715.88	18.7%		5,627.39	4,700.69	926.70	19.7%	
1.8	SALES UNIT RATE	\$/m³	0.3159	0.2816	0.0343	12.2%		0.3069	0.2726	0.0343	12.6%	
1.9	T-SERVICE UNIT RATE	\$/m³	0.2013	0.1696	0.0317	18.7%		0.1922	0.1606	0.0317	19.7%	
1.10	SALES UNIT RATE	\$/GJ	8.383	7.472	0.9101	12.2%		8.142	7.233	0.9097	12.6%	
1.11	T-SERVICE UNIT RATE	\$/GJ	5.340	4.500	0.8402	18.7%		5.100	4.260	0.8398	19.7%	
Medium Commercial Customer							Large Commercial Customer					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(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.	\$	13,274.15	7,381.53	5,892.62	79.8%		25,264.90	13,515.09	11,749.81	86.9%	
2.4	LOAD BALANCING	\$ \$	11,568.60	12,173.89	(605.29)	-5.0%		23,137.15	24,347.72	(1,210.57)	-5.0%	
2.5	SALES COMMDTY	\$	19,445.98	18,999.54	446.44	2.3%		38,891.84	37,998.97	892.87	2.3%	
2.6	TOTAL SALES	\$	45,128.73	39,394.96	5,733.77	14.6%		88,133.89	76,701.78	11,432.11	14.9%	
2.7	TOTAL T-SERVICE	\$	25,682.75	20,395.42	5,287.33	25.9%		49,242.05	38,702.81	10,539.24	27.2%	
2.8	SALES UNIT RATE	\$/m³	0.2661	0.2323	0.0338	14.6%		0.2599	0.2262	0.0337	14.9%	
2.9	T-SERVICE UNIT RATE	\$/m³	0.1515	0.1203	0.0312	25.9%		0.1452	0.1141	0.0311	27.2%	
2.10	SALES UNIT RATE	\$/GJ	7.061	6.164	0.8972	14.6%		6.895	6.001	0.8944	14.9%	
2.11	T-SERVICE UNIT RATE	\$/GJ	4.019	3.191	0.8273	25.9%		3.853	3.028	0.8246	27.2%	

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	3,949.75	2,430.02	1,519.73	62.5%		5,493.45	3,259.15	2,234.30	68.6%
3.4	LOAD BALANCING	\$ \$	2,953.17	3,107.67	(154.50)	-5.0%		4,359.86	4,587.96	(228.10)	-5.0%
3.5	SALES COMMDTY	\$	4,964.06	4,850.10	113.96	2.3%		7,328.59	7,160.34	168.25	2.3%
3.6	TOTAL SALES	\$	12,706.98	11,227.79	1,479.19	13.2%		18,021.90	15,847.45	2,174.45	13.7%
3.7	TOTAL T-SERVICE	\$	7,742.92	6,377.69	1,365.23	21.4%		10,693.31	8,687.11	2,006.20	23.1%
3.8	SALES UNIT RATE	\$/m³	0.2936	0.2594	0.0342	13.2%		0.2820	0.2480	0.0340	13.7%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1789	0.1473	0.0315	21.4%		0.1673	0.1359	0.0314	23.1%
3.10	SALES UNIT RATE	\$/GJ	7.789	6.882	0.9067	13.2%		7.483	6.580	0.9028	13.7%
3.11	T-SERVICE UNIT RATE	\$/GJ	4.746	3.909	0.8368	21.4%		4.440	3.607	0.8330	23.1%
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.	\$	13,456.66	7,559.04	5,897.62	78.0%		25,400.68	13,647.17	11,753.51	86.1%
4.4	LOAD BALANCING	\$ \$	11,568.60	12,173.90	(605.30)	-5.0%		23,137.07	24,347.64	(1,210.57)	-5.0%
4.5	SALES COMMDTY	\$	19,446.00	18,999.54	446.46	2.3%		38,891.75	37,998.85	892.90	2.3%
4.6	TOTAL SALES	\$	45,311.26	39,572.48	5,738.78	14.5%		88,269.50	76,833.66	11,435.84	14.9%
4.7	TOTAL T-SERVICE	\$	25,865.26	20,572.94	5,292.32	25.7%		49,377.75	38,834.81	10,542.94	27.1%
4.8	SALES UNIT RATE	\$/m³	0.2672	0.2334	0.0338	14.5%		0.2603	0.2266	0.0337	14.9%
4.9	T-SERVICE UNIT RATE	\$/m³	0.1525	0.1213	0.0312	25.7%		0.1456	0.1145	0.0311	27.1%
4.10	SALES UNIT RATE	\$/GJ	7.090	6.192	0.8980	14.5%		6.906	6.011	0.8947	14.9%
4.11	T-SERVICE UNIT RATE	\$/GJ	4.047	3.219	0.8281	25.7%		3.863	3.038	0.8249	27.1%

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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	1,464	0	0.0%		1,464	1,464	0	0.0%		
1.3	DISTRIBUTION CHG.	\$	24,891	13,454	11,437	85.0%		85,909	65,726	20,183	30.7%		
1.4	LOAD BALANCING	\$	23,141	24,352	(1,211)	-5.0%		40,838	42,975	(2,137)	-5.0%		
1.5	SALES COMMDTY	\$	38,899	38,006	893	2.3%		68,645	67,069	1,576	2.3%		
1.6	TOTAL SALES	\$	88,396	77,277	11,119	14.4%		196,856	177,234	19,622	11.1%		
1.7	TOTAL T-SERVICE	\$	49,497	39,271	10,226	26.0%		128,211	110,164	18,046	16.4%		
1.8	SALES UNIT RATE	\$/m³	0.2606	0.2278	0.0328	14.4%		0.3289	0.2961	0.0328	11.1%		
1.9	T-SERVICE UNIT RATE	\$/m³	0.1459	0.1158	0.0301	26.0%		0.2142	0.1840	0.0301	16.4%		
1.10	SALES UNIT RATE	\$/GJ	6.9146	6.0448	0.8698	14.4%		8.7259	7.8561	0.8698	11.1%		
1.11	T-SERVICE UNIT RATE	\$/GJ	3.8718	3.0719	0.7999	26.0%		5.6831	4.8832	0.7999	16.4%		
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.	\$	182,498	131,920	50,578	38.3%							
2.4	LOAD BALANCING	\$	102,339	107,694	(5,355)	-5.0%							
2.5	SALES COMMDTY	\$	172,025	168,075	3,950	2.3%							
2.6	TOTAL SALES	\$	458,325	409,153	49,173	12.0%							
2.7	TOTAL T-SERVICE	\$	286,301	241,078	45,223	18.8%							
2.8	SALES UNIT RATE	\$/m³	0.3056	0.2728	0.0328	12.0%							
2.9	T-SERVICE UNIT RATE	\$/m³	0.1909	0.1607	0.0301	18.8%							
2.10	SALES UNIT RATE	\$/GJ	8.1069	7.2372	0.8698	12.0%							
2.11	T-SERVICE UNIT RATE	\$/GJ	5.0641	4.2642	0.7999	18.8%							

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	21,754	10,245	11,509	112.3%		35,328	15,018	20,310	135.2%	
3.4	LOAD BALANCING	\$	18,476	19,500	(1,024)	-5.3%		32,604	34,411	(1,807)	-5.3%	
3.5	SALES COMMDTY	\$	38,722	37,790	931	2.5%		68,333	66,689	1,644	2.5%	
3.6	TOTAL SALES	\$	80,431	69,015	11,416	16.5%		137,745	117,598	20,147	17.1%	
3.7	TOTAL T-SERVICE	\$	41,710	31,225	10,485	33.6%		69,413	50,910	18,503	36.3%	
3.8	SALES UNIT RATE	\$/m³	0.2371	0.2035	0.0337	16.5%		0.2301	0.1965	0.0337	17.1%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.1230	0.0921	0.0309	33.6%		0.1160	0.0851	0.0309	36.3%	
3.10	SALES UNIT RATE	\$/GJ	6.2916	5.3985	0.8930	16.5%		6.1057	5.2127	0.8930	17.1%	
3.11	T-SERVICE UNIT RATE	\$/GJ	3.2626	2.4425	0.8202	33.6%		3.0768	2.2566	0.8202	36.3%	
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.	\$	22,027	10,518	11,509	109.4%		35,570	15,260	20,310	133.1%	
4.4	LOAD BALANCING	\$	18,476	19,499	(1,024)	-5.3%		32,604	34,411	(1,807)	-5.3%	
4.5	SALES COMMDTY	\$	38,722	37,790	931	2.5%		68,332	66,689	1,644	2.5%	
4.6	TOTAL SALES	\$	80,704	69,288	11,417	16.5%		137,986	117,840	20,147	17.1%	
4.7	TOTAL T-SERVICE	\$	41,982	31,497	10,485	33.3%		69,654	51,151	18,503	36.2%	
4.8	SALES UNIT RATE	\$/m³	0.2379	0.2043	0.0337	16.5%		0.2305	0.1969	0.0337	17.1%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.1238	0.0929	0.0309	33.3%		0.1164	0.0855	0.0309	36.2%	
4.10	SALES UNIT RATE	\$/GJ	6.3129	5.4199	0.8930	16.5%		6.1164	5.2234	0.8930	17.1%	
4.11	T-SERVICE UNIT RATE	\$/GJ	3.2840	2.4638	0.8202	33.3%		3.0875	2.2673	0.8202	36.2%	

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	33,664	13,384	20,280	151.5%		557,298	219,293	338,006	154.1%		
5.4	LOAD BALANCING	\$	33,786	35,552	(1,766)	-5.0%		563,092	592,531	(29,438)	-5.0%		
5.5	SALES COMMDTY	\$	68,310	66,667	1,642	2.5%		1,138,495	1,111,120	27,374	2.5%		
5.6	TOTAL SALES	\$	142,808	122,652	20,157	16.4%		2,265,934	1,929,992	335,942	17.4%		
5.7	TOTAL T-SERVICE	\$	74,498	55,984	18,514	33.1%		1,127,439	818,872	308,567	37.7%		
5.8	SALES UNIT RATE	\$/m³	0.2386	0.2049	0.0337	16.4%		0.2271	0.1935	0.0337	17.4%		
5.9	T-SERVICE UNIT RATE	\$/m³	0.1245	0.0935	0.0309	33.1%		0.1130	0.0821	0.0309	37.7%		
5.10	SALES UNIT RATE	\$/GJ	6.3301	5.4367	0.8935	16.4%		6.0264	5.1330	0.8935	17.4%		
5.11	T-SERVICE UNIT RATE	\$/GJ	3.3022	2.4816	0.8207	33.1%		2.9985	2.1779	0.8207	37.7%		
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.	\$	510,340	172,335	338,006	196.1%		3,254,819	896,381	2,358,438	263.1%		
6.4	LOAD BALANCING	\$	563,092	592,531	(29,438)	-5.0%		3,800,024	4,011,833	(211,809)	-5.3%		
6.5	SALES COMMDTY	\$	1,138,495	1,111,120	27,374	2.5%		7,969,465	7,777,843	191,621	2.5%		
6.6	TOTAL SALES	\$	2,218,976	1,883,034	335,942	17.8%		15,031,779	12,693,529	2,338,251	18.4%		
6.7	TOTAL T-SERVICE	\$	1,080,481	771,914	308,567	40.0%		7,062,315	4,915,686	2,146,629	43.7%		
6.8	SALES UNIT RATE	\$/m³	0.2224	0.1888	0.0337	17.8%		0.2153	0.1818	0.0335	18.4%		
6.9	T-SERVICE UNIT RATE	\$/m³	0.1083	0.0774	0.0309	40.0%		0.1011	0.0704	0.0307	43.7%		
6.10	SALES UNIT RATE	\$/GJ	5.9015	5.0081	0.8935	17.8%		5.7112	4.8228	0.8884	18.4%		
6.11	T-SERVICE UNIT RATE	\$/GJ	2.8736	2.0530	0.8207	40.0%		2.6833	1.8677	0.8156	43.7%		

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	30,560	10,368	20,192	194.8%		412,199	75,579	336,619	445.4%		
7.4	LOAD BALANCING	\$	26,845	28,690	(1,845)	-6.4%		442,054	473,467	(31,413)	-6.6%		
7.5	SALES COMMDTY	\$	68,467	66,731	1,735	2.6%		1,138,495	1,111,120	27,374	2.5%		
7.6	TOTAL SALES	\$	127,252	107,170	20,082	18.7%		1,996,099	1,663,519	332,581	20.0%		
7.7	TOTAL T-SERVICE	\$	58,786	40,439	18,347	45.4%		857,604	552,398	305,206	55.3%		
7.8	SALES UNIT RATE	\$/m³	0.2126	0.1790	0.0336	18.7%		0.2001	0.1668	0.0333	20.0%		
7.9	T-SERVICE UNIT RATE	\$/m³	0.0982	0.0676	0.0307	45.4%		0.0860	0.0554	0.0306	55.3%		
7.10	SALES UNIT RATE	\$/GJ	5.6406	4.7505	0.8902	18.7%		5.3088	4.4243	0.8845	20.0%		
7.11	T-SERVICE UNIT RATE	\$/GJ	2.6058	1.7925	0.8132	45.4%		2.2809	1.4691	0.8117	55.3%		
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.	\$	405,014	68,394	336,619	492.2%		2,719,528	363,192	2,356,336	648.8%		
8.4	LOAD BALANCING	\$	442,054	473,467	(31,413)	-6.6%		3,094,378	3,314,271	(219,893)	-6.6%		
8.5	SALES COMMDTY	\$	1,138,495	1,111,120	27,374	2.5%		7,969,465	7,777,843	191,621	2.5%		
8.6	TOTAL SALES	\$	1,988,914	1,656,334	332,580	20.1%		13,786,722	11,458,658	2,328,064	20.3%		
8.7	TOTAL T-SERVICE	\$	850,419	545,213	305,206	56.0%		5,817,257	3,680,815	2,136,442	58.0%		
8.8	SALES UNIT RATE	\$/m³	0.1994	0.1660	0.0333	20.1%		0.1974	0.1641	0.0333	20.3%		
8.9	T-SERVICE UNIT RATE	\$/m³	0.0852	0.0547	0.0306	56.0%		0.0833	0.0527	0.0306	58.0%		
8.10	SALES UNIT RATE	\$/GJ	5.2897	4.4051	0.8845	20.1%		5.2381	4.3536	0.8845	20.3%		
8.11	T-SERVICE UNIT RATE	\$/GJ	2.2618	1.4500	0.8117	56.0%		2.2102	1.3985	0.8117	58.0%		



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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	233.72	223.22	10.50	4.7%		352.39	336.50	15.89	4.7%		
1.4	LOAD BALANCING	§ \$	212.93	223.42	(10.49)	-4.7%		326.00	342.03	(16.03)	-4.7%		
1.5	SALES COMMDTY	\$	350.71	342.55	8.16	2.4%		536.94	524.43	12.51	2.4%		
1.6	TOTAL SALES	\$	1,037.36	1,029.19	8.17	0.8%		1,455.33	1,442.96	12.37	0.9%		
1.7	TOTAL T-SERVICE	\$	686.65	686.64	0.01	0.0%		918.39	918.53	(0.14)	0.0%		
1.8	SALES UNIT RATE	\$/m³	0.3386	0.3359	0.0027	0.8%		0.3102	0.3076	0.0026	0.9%		
1.9	T-SERVICE UNIT RATE	\$/m³	0.2241	0.2241	0.0000	0.0%		0.1958	0.1958	(0.0000)	0.0%		
1.10	SALES UNIT RATE	\$/GJ	8.983	8.912	0.0708	0.8%		8.231	8.161	0.0700	0.9%		
1.11	T-SERVICE UNIT RATE	\$/GJ	5.946	5.946	0.0001	0.0%		5.194	5.195	(0.0008)	0.0%		
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.	\$	149.88	143.17	6.71	4.7%		155.97	149.01	6.96	4.7%		
2.4	LOAD BALANCING	§ \$	135.86	142.54	(6.68)	-4.7%		139.32	146.19	(6.87)	-4.7%		
2.5	SALES COMMDTY	\$	223.77	218.55	5.22	2.4%		229.51	224.15	5.36	2.4%		
2.6	TOTAL SALES	\$	749.51	744.26	5.25	0.7%		764.80	759.35	5.45	0.7%		
2.7	TOTAL T-SERVICE	\$	525.74	525.71	0.03	0.0%		535.29	535.20	0.09	0.0%		
2.8	SALES UNIT RATE	\$/m³	0.3834	0.3807	0.0027	0.7%		0.3814	0.3787	0.0027	0.7%		
2.9	T-SERVICE UNIT RATE	\$/m³	0.2689	0.2689	0.0000	0.0%		0.2670	0.2669	0.0000	0.0%		
2.10	SALES UNIT RATE	\$/GJ	10.172	10.101	0.0712	0.7%		10.121	10.049	0.0721	0.7%		
2.11	T-SERVICE UNIT RATE	\$/GJ	7.135	7.135	0.0004	0.0%		7.083	7.082	0.0011	0.0%		

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	378.99	361.91	17.08	4.7%		88.00	84.09	3.91	4.7%	
3.4	LOAD BALANCING	§ \$	350.80	368.07	(17.27)	-4.7%		75.12	78.81	(3.69)	-4.7%	
3.5	SALES COMMDTY	\$	577.80	564.35	13.45	2.4%		123.73	120.84	2.89	2.4%	
3.6	TOTAL SALES	\$	1,547.59	1,534.33	13.26	0.9%		526.85	523.74	3.11	0.6%	
3.7	TOTAL T-SERVICE	\$	969.79	969.98	(0.19)	0.0%		403.12	402.90	0.22	0.1%	
3.8	SALES UNIT RATE	\$/m³	0.3066	0.3039	0.0026	0.9%		0.4874	0.4845	0.0029	0.6%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.1921	0.1922	(0.0000)	0.0%		0.3729	0.3727	0.0002	0.1%	
3.10	SALES UNIT RATE	\$/GJ	8.134	8.064	0.0697	0.9%		12.931	12.855	0.0764	0.6%	
3.11	T-SERVICE UNIT RATE	\$/GJ	5.097	5.098	(0.0010)	0.0%		9.894	9.889	0.0055	0.1%	
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.	\$	190.81	182.27	8.54	4.7%		184.70	176.43	8.27	4.7%	
3.4	LOAD BALANCING	§ \$	172.34	180.83	(8.49)	-4.7%		166.76	175.00	(8.24)	-4.7%	
3.5	SALES COMMDTY	\$	283.87	277.25	6.62	2.4%		274.71	268.30	6.41	2.4%	
3.6	TOTAL SALES	\$	887.02	880.35	6.67	0.8%		866.17	859.73	6.44	0.7%	
3.7	TOTAL T-SERVICE	\$	603.15	603.10	0.05	0.0%		591.46	591.43	0.03	0.0%	
3.8	SALES UNIT RATE	\$/m³	0.3577	0.3550	0.0027	0.8%		0.3609	0.3582	0.0027	0.7%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.2432	0.2432	0.0000	0.0%		0.2464	0.2464	0.0000	0.0%	
3.10	SALES UNIT RATE	\$/GJ	9.490	9.418	0.0713	0.8%		9.576	9.504	0.0712	0.7%	
3.11	T-SERVICE UNIT RATE	\$/GJ	6.453	6.452	0.0005	0.0%		6.539	6.538	0.0003	0.0%	

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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)	CHANGE	
					(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.	\$	1,417.19	1,370.70	46.49	3.4%	1,818.40	1,758.65	59.75	3.4%
1.4	LOAD BALANCING	\$ \$	1,542.32	1,623.02	(80.70)	-5.0%	1,997.52	2,102.04	(104.52)	-5.0%
1.5	SALES COMMDTY	\$	2,592.53	2,533.00	59.53	2.4%	3,357.69	3,280.60	77.09	2.3%
1.6	TOTAL SALES	\$	6,392.04	6,366.72	25.32	0.4%	8,013.61	7,981.29	32.32	0.4%
1.7	TOTAL T-SERVICE	\$	3,799.51	3,833.72	(34.21)	-0.9%	4,655.92	4,700.69	(44.77)	-1.0%
1.8	SALES UNIT RATE	\$/m³	0.2828	0.2816	0.0011	0.4%	0.2737	0.2726	0.0011	0.4%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1681	0.1696	(0.0015)	-0.9%	0.1590	0.1606	(0.0015)	-1.0%
1.10	SALES UNIT RATE	\$/GJ	7.502	7.472	0.0297	0.4%	7.262	7.233	0.0293	0.4%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.459	4.500	(0.0401)	-0.9%	4.219	4.260	(0.0406)	-1.0%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(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.	\$	7,647.89	7,381.53	266.36	3.6%	14,012.42	13,515.09	497.33	3.7%
2.4	LOAD BALANCING	\$ \$	11,568.60	12,173.89	(605.29)	-5.0%	23,137.15	24,347.72	(1,210.57)	-5.0%
2.5	SALES COMMDTY	\$	19,445.98	18,999.54	446.44	2.3%	38,891.84	37,998.97	892.87	2.3%
2.6	TOTAL SALES	\$	39,502.47	39,394.96	107.51	0.3%	76,881.41	76,701.78	179.63	0.2%
2.7	TOTAL T-SERVICE	\$	20,056.49	20,395.42	(338.93)	-1.7%	37,989.57	38,702.81	(713.24)	-1.8%
2.8	SALES UNIT RATE	\$/m³	0.2330	0.2323	0.0006	0.3%	0.2267	0.2262	0.0005	0.2%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1183	0.1203	(0.0020)	-1.7%	0.1120	0.1141	(0.0021)	-1.8%
2.10	SALES UNIT RATE	\$/GJ	6.181	6.164	0.0168	0.3%	6.015	6.001	0.0141	0.2%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.138	3.191	(0.0530)	-1.7%	2.972	3.028	(0.0558)	-1.8%

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	2,513.52	2,430.02	83.50	3.4%		3,373.09	3,259.15	113.94	3.5%	
3.4	LOAD BALANCING	\$ \$	2,953.17	3,107.67	(154.50)	-5.0%		4,359.86	4,587.96	(228.10)	-5.0%	
3.5	SALES COMMDTY	\$	4,964.06	4,850.10	113.96	2.3%		7,328.59	7,160.34	168.25	2.3%	
3.6	TOTAL SALES	\$	11,270.75	11,227.79	42.96	0.4%		15,901.54	15,847.45	54.09	0.3%	
3.7	TOTAL T-SERVICE	\$	6,306.69	6,377.69	(71.00)	-1.1%		8,572.95	8,687.11	(114.16)	-1.3%	
3.8	SALES UNIT RATE	\$/m³	0.2604	0.2594	0.0010	0.4%		0.2488	0.2480	0.0008	0.3%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.1457	0.1473	(0.0016)	-1.1%		0.1342	0.1359	(0.0018)	-1.3%	
3.10	SALES UNIT RATE	\$/GJ	6.909	6.882	0.0263	0.4%		6.602	6.580	0.0225	0.3%	
3.11	T-SERVICE UNIT RATE	\$/GJ	3.866	3.909	(0.0435)	-1.1%		3.559	3.607	(0.0474)	-1.3%	
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.	\$	7,830.40	7,559.04	271.36	3.6%		14,148.24	13,647.17	501.07	3.7%	
4.4	LOAD BALANCING	\$ \$	11,568.60	12,173.90	(605.30)	-5.0%		23,137.07	24,347.64	(1,210.57)	-5.0%	
4.5	SALES COMMDTY	\$	19,446.00	18,999.54	446.46	2.3%		38,891.75	37,998.85	892.90	2.3%	
4.6	TOTAL SALES	\$	39,685.00	39,572.48	112.52	0.3%		77,017.06	76,833.66	183.40	0.2%	
4.7	TOTAL T-SERVICE	\$	20,239.00	20,572.94	(333.94)	-1.6%		38,125.31	38,834.81	(709.50)	-1.8%	
4.8	SALES UNIT RATE	\$/m³	0.2340	0.2334	0.0007	0.3%		0.2271	0.2266	0.0005	0.2%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.1194	0.1213	(0.0020)	-1.6%		0.1124	0.1145	(0.0021)	-1.8%	
4.10	SALES UNIT RATE	\$/GJ	6.210	6.192	0.0176	0.3%		6.026	6.011	0.0143	0.2%	
4.11	T-SERVICE UNIT RATE	\$/GJ	3.167	3.219	(0.0523)	-1.6%		2.983	3.038	(0.0555)	-1.8%	

§ 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-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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											
			(A)	(B)	CHANGE		Rate 100 - Average Commercial Firm				
					(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.	\$	13,637	13,454	182	1.4%	66,048	65,726	322	0.5%	
1.4	LOAD BALANCING	\$	23,141	24,352	(1,211)	-5.0%	40,838	42,975	(2,137)	-5.0%	
1.5	SALES COMMDTY	\$	38,899	38,006	893	2.3%	68,645	67,069	1,576	2.3%	
1.6	TOTAL SALES	\$	77,141	77,277	(135)	-0.2%	176,995	177,234	(239)	-0.1%	
1.7	TOTAL T-SERVICE	\$	38,242	39,271	(1,028)	-2.6%	108,350	110,164	(1,815)	-1.6%	
1.8	SALES UNIT RATE	\$/m³	0.2274	0.2278	(0.0004)	-0.2%	0.2957	0.2961	(0.0004)	-0.1%	
1.9	T-SERVICE UNIT RATE	\$/m³	0.1127	0.1158	(0.0030)	-2.6%	0.1810	0.1840	(0.0030)	-1.6%	
1.10	SALES UNIT RATE	\$/GJ	6.0342	6.0448	(0.0106)	-0.2%	7.8455	7.8561	(0.0106)	-0.1%	
1.11	T-SERVICE UNIT RATE	\$/GJ	2.9914	3.0719	(0.0804)	-2.6%	4.8027	4.8832	(0.0804)	-1.6%	
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.	\$	132,726	131,920	807	0.6%					
2.4	LOAD BALANCING	\$	102,339	107,694	(5,355)	-5.0%					
2.5	SALES COMMDTY	\$	172,025	168,075	3,950	2.3%					
2.6	TOTAL SALES	\$	408,554	409,153	(599)	-0.1%					
2.7	TOTAL T-SERVICE	\$	236,530	241,078	(4,548)	-1.9%					
2.8	SALES UNIT RATE	\$/m³	0.2724	0.2728	(0.0004)	-0.1%					
2.9	T-SERVICE UNIT RATE	\$/m³	0.1577	0.1607	(0.0030)	-1.9%					
2.10	SALES UNIT RATE	\$/GJ	7.2266	7.2372	(0.0106)	-0.1%					
2.11	T-SERVICE UNIT RATE	\$/GJ	4.1838	4.2642	(0.0804)	-1.9%					

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	10,499	10,245	254	2.5%		15,467	15,018	449	3.0%	
3.4	LOAD BALANCING	\$	18,476	19,500	(1,024)	-5.3%		32,604	34,411	(1,807)	-5.3%	
3.5	SALES COMMDTY	\$	38,722	37,790	931	2.5%		68,333	66,689	1,644	2.5%	
3.6	TOTAL SALES	\$	69,177	69,015	162	0.2%		117,884	117,598	286	0.2%	
3.7	TOTAL T-SERVICE	\$	30,455	31,225	(769)	-2.5%		49,552	50,910	(1,358)	-2.7%	
3.8	SALES UNIT RATE	\$/m³	0.2039	0.2035	0.0005	0.2%		0.1969	0.1965	0.0005	0.2%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.0898	0.0921	(0.0023)	-2.5%		0.0828	0.0851	(0.0023)	-2.7%	
3.10	SALES UNIT RATE	\$/GJ	5.411	5.399	0.0127	0.2%		5.2254	5.2127	0.0127	0.2%	
3.11	T-SERVICE UNIT RATE	\$/GJ	2.382	2.442	(0.0602)	-2.5%		2.1964	2.2566	(0.0602)	-2.7%	
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.	\$	10,772	10,518	254	2.4%		15,709	15,260	449	2.9%	
4.4	LOAD BALANCING	\$	18,476	19,499	(1,024)	-5.3%		32,604	34,411	(1,807)	-5.3%	
4.5	SALES COMMDTY	\$	38,722	37,790	931	2.5%		68,332	66,689	1,644	2.5%	
4.6	TOTAL SALES	\$	69,450	69,288	162	0.2%		118,125	117,840	286	0.2%	
4.7	TOTAL T-SERVICE	\$	30,728	31,497	(769)	-2.4%		49,793	51,151	(1,358)	-2.7%	
4.8	SALES UNIT RATE	\$/m³	0.2048	0.2043	0.0005	0.2%		0.1973	0.1969	0.0005	0.2%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.0906	0.0929	(0.0023)	-2.4%		0.0832	0.0855	(0.0023)	-2.7%	
4.10	SALES UNIT RATE	\$/GJ	5.4325	5.4199	0.0127	0.2%		5.2361	5.2234	0.0127	0.2%	
4.11	T-SERVICE UNIT RATE	\$/GJ	2.4036	2.4638	(0.0602)	-2.4%		2.2071	2.2673	(0.0602)	-2.7%	

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	13,803	13,384	419	3.1%	226,282	219,293	6,989	3.2%		
5.4	LOAD BALANCING	\$	33,786	35,552	(1,766)	-5.0%	563,092	592,531	(29,438)	-5.0%		
5.5	SALES COMMDTY	\$	68,310	66,667	1,642	2.5%	1,138,495	1,111,120	27,374	2.5%		
5.6	TOTAL SALES	\$	122,947	122,652	295	0.2%	1,934,917	1,929,992	4,925	0.3%		
5.7	TOTAL T-SERVICE	\$	54,637	55,984	(1,347)	-2.4%	796,422	818,872	(22,449)	-2.7%		
5.8	SALES UNIT RATE	\$/m³	0.2054	0.2049	0.0005	0.2%	0.1940	0.1935	0.0005	0.3%		
5.9	T-SERVICE UNIT RATE	\$/m³	0.0913	0.0935	(0.0023)	-2.4%	0.0798	0.0821	(0.0023)	-2.7%		
5.10	SALES UNIT RATE	\$/GJ	5.4498	5.4367	0.0131	0.2%	5.1461	5.1330	0.0131	0.3%		
5.11	T-SERVICE UNIT RATE	\$/GJ	2.4219	2.4816	(0.0597)	-2.4%	2.1181	2.1779	(0.0597)	-2.7%		
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.	\$	179,324	172,335	6,989	4.1%	937,702	896,381	41,321	4.6%		
6.4	LOAD BALANCING	\$	563,092	592,531	(29,438)	-5.0%	3,800,024	4,011,833	(211,809)	-5.3%		
6.5	SALES COMMDTY	\$	1,138,495	1,111,120	27,374	2.5%	7,969,465	7,777,843	191,621	2.5%		
6.6	TOTAL SALES	\$	1,887,959	1,883,034	4,925	0.3%	12,714,663	12,693,529	21,134	0.2%		
6.7	TOTAL T-SERVICE	\$	749,464	771,914	(22,449)	-2.9%	4,745,198	4,915,686	(170,487)	-3.5%		
6.8	SALES UNIT RATE	\$/m³	0.1892	0.1888	0.0005	0.3%	0.1821	0.1818	0.0003	0.2%		
6.9	T-SERVICE UNIT RATE	\$/m³	0.0751	0.0774	(0.0023)	-2.9%	0.0680	0.0704	(0.0024)	-3.5%		
6.10	SALES UNIT RATE	\$/GJ	5.0212	5.0081	0.0131	0.3%	4.8308	4.8228	0.0080	0.2%		
6.11	T-SERVICE UNIT RATE	\$/GJ	1.9933	2.0530	(0.0597)	-2.9%	1.8029	1.8677	(0.0648)	-3.5%		

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

**(A) EB-2016-0326 @ 37.69 MJ/m<sup>3</sup> vs (B) EB-2016-0260 @ 37.69 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.	\$	10,699	10,368	331	3.2%		81,182	75,579	5,603	7.4%		
7.4	LOAD BALANCING	\$	26,845	28,690	(1,845)	-6.4%		442,054	473,467	(31,413)	-6.6%		
7.5	SALES COMMDTY	\$	68,467	66,731	1,735	2.6%		1,138,495	1,111,120	27,374	2.5%		
7.6	TOTAL SALES	\$	107,391	107,170	221	0.2%		1,665,082	1,663,519	1,564	0.1%		
7.7	TOTAL T-SERVICE	\$	38,925	40,439	(1,514)	-3.7%		526,588	552,398	(25,811)	-4.7%		
7.8	SALES UNIT RATE	\$/m³	0.1794	0.1790	0.0004	0.2%		0.1669	0.1668	0.0002	0.1%		
7.9	T-SERVICE UNIT RATE	\$/m³	0.0650	0.0676	(0.0025)	-3.7%		0.0528	0.0554	(0.0026)	-4.7%		
7.10	SALES UNIT RATE	\$/GJ	4.7603	4.7505	0.0098	0.2%		4.4284	4.4243	0.0042	0.1%		
7.11	T-SERVICE UNIT RATE	\$/GJ	1.7254	1.7925	(0.0671)	-3.7%		1.4005	1.4691	(0.0686)	-4.7%		
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.	\$	73,997	68,394	5,603	8.2%		402,411	363,192	39,219	10.8%		
8.4	LOAD BALANCING	\$	442,054	473,467	(31,413)	-6.6%		3,094,378	3,314,271	(219,893)	-6.6%		
8.5	SALES COMMDTY	\$	1,138,495	1,111,120	27,374	2.5%		7,969,465	7,777,843	191,621	2.5%		
8.6	TOTAL SALES	\$	1,657,897	1,656,334	1,564	0.1%		11,469,605	11,458,658	10,947	0.1%		
8.7	TOTAL T-SERVICE	\$	519,403	545,213	(25,811)	-4.7%		3,500,141	3,680,815	(180,674)	-4.9%		
8.8	SALES UNIT RATE	\$/m³	0.1662	0.1660	0.0002	0.1%		0.1642	0.1641	0.0002	0.1%		
8.9	T-SERVICE UNIT RATE	\$/m³	0.0521	0.0547	(0.0026)	-4.7%		0.0501	0.0527	(0.0026)	-4.9%		
8.10	SALES UNIT RATE	\$/GJ	4.4093	4.4051	0.0042	0.1%		4.3578	4.3536	0.0042	0.1%		
8.11	T-SERVICE UNIT RATE	\$/GJ	1.3814	1.4500	(0.0686)	-4.7%		1.3298	1.3985	(0.0686)	-4.9%		



# RATE HANDBOOK

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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

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requested. When the Company is requested to supply 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, by written notice to the Company within thirty (30) days of the end of the contract year, 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 volume of twenty times the Applicant's Mean Daily Volume 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

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AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls including 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 and the Applicant so elects (by written notice to the Company within thirty (30) days of the end of the contract year), that portion of such balance which the Applicant stipulates in such written notice and which does not exceed twenty times the Applicant's Mean Daily Volume may be carried forward as a credit to the Banked Gas Account for the next succeeding contract year. Any volume duly elected to be carried forward under this clause shall, 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 37.69 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$20.00</b>
<b>Delivery Charge per cubic metre</b>	
For the first 30 m <sup>3</sup> per month	10.1413 ¢/m <sup>3</sup>
For the next 55 m <sup>3</sup> per month	9.5925 ¢/m <sup>3</sup>
For the next 85 m <sup>3</sup> per month	9.1626 ¢/m <sup>3</sup>
For all over 170 m <sup>3</sup> per month	8.8422 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.3274 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	11.4462 ¢/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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 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	9.7343 ¢/m <sup>3</sup>
For the next 1050 m <sup>3</sup> per month	7.7937 ¢/m <sup>3</sup>
For the next 4500 m <sup>3</sup> per month	6.4348 ¢/m <sup>3</sup>
For the next 7000 m <sup>3</sup> per month	5.5617 ¢/m <sup>3</sup>
For the next 15250 m <sup>3</sup> per month	5.1738 ¢/m <sup>3</sup>
For all over 28300 m <sup>3</sup> per month	5.0763 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.3274 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.4683 ¢/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". 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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 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	10.9576 ¢/m <sup>3</sup>
For all over 20,000 m <sup>3</sup> per month	10.2578 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.3274 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	11.4122 ¢/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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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"), 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 37.69 MJ/m<sup>3</sup>.

	<u>Billing Month</u> January to December <u>                    </u>
<b>Monthly Customer Charge</b>	<b>\$122.01</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	<b>36.0000 ¢/m<sup>3</sup></b>
Per cubic metre of gas delivered	<b>0.1747 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>1.4952 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.3274 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.4683 ¢/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>

**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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> to <u>December</u> <u>\$587.37</u>
<b>Monthly Customer Charge</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	0.7603 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.6103 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	0.3170 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.3274 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	11.4122 ¢/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.

**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):

**6.3733 ¢/m<sup>3</sup>**

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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> to <u>December</u>
<b>Monthly Customer Charge</b>	<b>\$622.62</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	<b>24.3600 ¢/m<sup>3</sup></b>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	<b>0.3917 ¢/m<sup>3</sup></b>
For all over 1,000,000 m <sup>3</sup> per month	<b>0.2917 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>0.1142 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.3274 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.4122 ¢/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: **115**

**MINIMUM BILL:**

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

**5.8019 ¢/m<sup>3</sup>**

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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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>9.7583 ¢/m³</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 ¢/m³</b>	<b>3.3181 ¢/m³</b>	
<b>Cap and Trade Facility Related Charge</b>	<b>0.0290 ¢/m³</b>	<b>0.0018 ¢/m³</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:**

1. 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.

2. **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.

3. **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	<b>0.32 ¢/m³</b>
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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\*.



**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:

$$P_e = (P_m * E_r * 100 * 0.03769 / 1.055056) * 1.5$$

$P_m$  = 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.

$E_r$  = Noon day spot 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.

0.03769 = Conversion factor from GJ to cubic metres.

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

$$P_u = (P_l * E_r * 100 * 0.03769 / 1.055056) * 0.5$$

$P_l$  = 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.





**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 = 0.942 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance

Tier 2 = 1.1304 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.



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 1.0652 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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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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 37.69 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	7.1156 ¢/m <sup>3</sup>	2.4156 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	5.9156 ¢/m <sup>3</sup>	1.7156 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	5.5156 ¢/m <sup>3</sup>	1.5156 ¢/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>5.3274 ¢/m<sup>3</sup></b>	<b>5.3274 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1404 ¢/m<sup>3</sup></b>	<b>1.1404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.4384 ¢/m<sup>3</sup></b>	<b>11.4384 ¢/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	\$	0.77 /m <sup>3</sup>
Rate per cubic metre of Modified Mean Daily Volume for December	\$	0.77 /m <sup>3</sup>

**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>24.8860 ¢/m<sup>3</sup></b>
<i>January and February</i>	<b>62.2150 ¢/m<sup>3</sup></b>

**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency (See Terms and Conditions of Service):	<b>9.2783 ¢/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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 MJ/m<sup>3</sup>.

	<u>Billing Month</u> January to December <u>\$123.34</u>
<b>Monthly Customer Charge</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	2.9832 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	1.6242 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	1.0652 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	0.6681 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.3274 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1404 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	11.4160 ¢/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.

**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):

**8.9473 ¢/m<sup>3</sup>**

**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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 MJ/m<sup>3</sup>.

	Billing Month January to December
<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	0.5289 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.3289 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.3092 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.3274 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.4122 ¢/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):

**6.1341 ¢/m<sup>3</sup>**

#### **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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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 37.69 MJ/m<sup>3</sup>.

	Billing Month January to December
<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	<b>14.7000 ¢/m<sup>3</sup></b>
Per cubic metre of gas delivered	<b>1.1537 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>1.3352 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.3274 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1404 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.4122 ¢/m<sup>3</sup></b>
<b>Buy/Sell Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.3925 ¢/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):

**7.7849 ¢/m<sup>3</sup>**

#### **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 January 1, 2017 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates as the Board Order, EB-2016-0260, effective October 1, 2016.

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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	26.4239 ¢/m³	
Interruptible Service:		
Minimum Delivery Charge	0.3850 ¢/m³	
Maximum Delivery Charge	1.0425 ¢/m³	
	<u>Firm</u>	<u>Interruptible</u>
Cap and Trade Customer Related Charge (If applicable)	3.3181 ¢/m³	3.3181 ¢/m³
Cap and Trade Facility Related Charge	0.0290 ¢/m³	0.0290 ¢/m³
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.

**2. 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).

**3. 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\*.



**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:

$$P_e = (P_m * E_r * 100 * 0.03769 / 1.055056) * 1.5$$

$P_m$  = 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.

$E_r$  = Noon day spot 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.

0.03769 = Conversion factor from GJ to cubic metres.

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

$$P_u = (P_l * E_r * 100 * 0.03769 / 1.055056) * 0.5$$

$P_l$  = 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 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.



**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:

(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 = Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance and shall be subject to a charge of 0.942 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.1304 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.



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 0.6974 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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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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>0.0504 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>22.6256 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.3266 ¢/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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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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>0.0504 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>5.2531 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.1015 ¢/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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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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> <u>to</u> <u>December</u>
<b>Gas Supply Charge</b> Per cubic metre of gas sold	<b>17.3777 ¢/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 January 1, 2017 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260, effective October 1, 2016.

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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>0.2002</b>	<b>0.1873</b>
Maximum Daily Withdrawal Volume	<b>22.0216</b>	<b>20.8192</b>
<b>Commodity Charge</b>	<b>0.8886</b>	<b>0.1604</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.

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	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	2.6426	0.7240
Unauthorized	-	290.6851
<b>Pool Storage</b>		
Authorized	2.4724	0.6845
Unauthorized	-	274.8134

- (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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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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.

	Firm \$/10 <sup>3</sup> m <sup>3</sup>	Full Cycle Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	Short Cycle \$/10 <sup>3</sup> m <sup>3</sup>
<b>Monthly Demand Charge per unit of Annual Turnover Volume:</b>			
Minimum	0.3875	0.3875	-
Maximum	1.9375	1.9375	-
<b>Monthly Demand Charge per unit of Contracted Daily Withdrawal:</b>			
Minimum	42.8408	34.2729	-
Maximum	214.2040	171.3632	-
<b>Commodity Charge per unit of gas delivered to / received from storage:</b>			
Minimum	1.0490	1.0490	0.4122
Maximum	5.2450	5.2450	40.3952
<b>Cap and Trade Customer Related Charge</b> (If applicable)			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>40.3952</b>	<b>40.3952</b>	<b>40.3952</b>
<b>Authorized Overrun</b>			
<b>Daily Injection/Withdrawal</b>			
<b>Negotiable, not to exceed:</b>	<b>40.3952</b>	<b>40.3952</b>	<b>40.3952</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Excess Storage Balance</b>			
<b>Excess Storage Balance</b>	<b>403.9523</b>	<b>403.9523</b>	<b>403.9523</b>
<b>December 1 - October 31</b>	<b>40.3952</b>	<b>40.3952</b>	<b>40.3952</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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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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 January 1, 2017, 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 January 1, 2017, 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

**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 January 1, 2017:

Service Type:	Point of Acceptance	Firm Transportation (FT)
T-Service:	CDA, EDA	5.3274 ¢/m <sup>3</sup>
Dawn T-Service:	CDA, EDA	1.1404 ¢/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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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RIDER:	<b>B</b>	<b>BUY / SELL SERVICE RIDER</b>
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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 January 1, 2017. This rate schedule is effective January 1, 2017 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2016 and that indicates the Board Order, EB-2016-0260 effective October 1, 2016.

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RIDER:	<b>C</b>	<b>GAS COST ADJUSTMENT RIDER</b>
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The following adjustment is applicable to all gas sold or delivered during the period of January 1, 2017 to December 31, 2017.

Rate Class	Sales Service ( ¢/m <sup>3</sup> )	Western Transportation Service ( ¢/m <sup>3</sup> )	Ontario Transportation Service ( ¢/m <sup>3</sup> )
Rate 1	(0.7878)	0.1299	0.1761
Rate 6	(0.7947)	0.1203	0.1665
Rate 9	(0.6328)	(0.0442)	0.0020
Rate 100	(0.7947)	0.1203	0.1665
Rate 110	(0.6861)	(0.0145)	0.0317
Rate 115	(0.6196)	(0.0346)	0.0116
Rate 135	(0.6312)	(0.0462)	0.0000
Rate 145	(0.7874)	0.0278	0.0740
Rate 170	(0.8178)	(0.0105)	0.0357
Rate 200	(0.8411)	0.0985	0.1447

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RIDER:

**C**

Rate Class		Sales Service ( ¢/m <sup>3</sup> )	Western Transportation Service ( ¢/m <sup>3</sup> )	Ontario Transportation Service ( ¢/m <sup>3</sup> )
Rate 1	Commodity	(0.9177)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.1761</u>	<u>0.1761</u>	<u>0.1761</u>
	Total	(0.7878)	0.1299	0.1761
Rate 6	Commodity	(0.9150)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.1665</u>	<u>0.1665</u>	<u>0.1665</u>
	Total	(0.7947)	0.1203	0.1665
Rate 9	Commodity	(0.5886)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.0020</u>	<u>0.0020</u>	<u>0.0020</u>
	Total	(0.6328)	(0.0442)	0.0020
Rate 100	Commodity	(0.9150)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.1665</u>	<u>0.1665</u>	<u>0.1665</u>
	Total	(0.7947)	0.1203	0.1665
Rate 110	Commodity	(0.6716)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.0317</u>	<u>0.0317</u>	<u>0.0317</u>
	Total	(0.6861)	(0.0145)	0.0317
Rate 115	Commodity	(0.5850)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.0116</u>	<u>0.0116</u>	<u>0.0116</u>
	Total	(0.6196)	(0.0346)	0.0116
Rate 135	Commodity	(0.5850)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
	Total	(0.6312)	(0.0462)	0.0000

EFFECTIVE DATE:

January 1, 2017

IMPLEMENTATION DATE:

January 1, 2017

BOARD ORDER:

EB-2016-0326

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Rate Class		Sales Service ( ¢/m <sup>3</sup> )	Western Transportation Service ( ¢/m <sup>3</sup> )	Ontario Transportation Service ( ¢/m <sup>3</sup> )
Rate 145	Commodity	(0.8152)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.0740</u>	<u>0.0740</u>	<u>0.0740</u>
	Total	(0.7874)	0.0278	0.0740
Rate 170	Commodity	(0.8073)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.0357</u>	<u>0.0357</u>	<u>0.0357</u>
	Total	(0.8178)	(0.0105)	0.0357
Rate 200	Commodity	(0.9396)		
	Transportation	(0.0462)	(0.0462)	
	<u>Load Balancing</u>	<u>0.1447</u>	<u>0.1447</u>	<u>0.1447</u>
	Total	(0.8411)	0.0985	0.1447

The following adjustment is applicable to volumes during the period of January 1, 2017 to December 31, 2017.

**Bundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 1	(1.1277)
Rate 6	(0.3975)
Rate 9	(0.2837)
Rate 100	(0.3975)
Rate 110	(0.1185)
Rate 115	(0.0974)
Rate 135	(0.0114)
Rate 145	(0.0958)
Rate 170	(0.0207)
Rate 200	(0.0829)

**Unbundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 125 - per m <sup>3</sup> of contract demand	(0.8086)
Rate 300 - per m <sup>3</sup> of contract demand	(2.7992)
Rate 300 (Interruptible)	(0.0718)



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

	Rate (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.	

EFFECTIVE DATE:

January 1, 2017

IMPLEMENTATION DATE:

January 1, 2017

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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
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Non-Residential meters	Time & Material per Contractor
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### 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 & 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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RIDER:	<b>H</b>	<b>BALANCING SERVICE RIDER</b>
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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>	<b>\$169.00 per transaction</b>
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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	\$0.5245 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.

**Administration Charge:**

\$25.00 per transaction

**Rate Rider Summary**  
**January 2017 - QRAM Q1**

Item No.	Description	Sales Service	Western Transportation Service	Ontario Transportation Service
		Unit Rate	Unit Rate	Unit Rate
		Col. 1	Col. 2	Col. 3
		(¢/m³)	(¢/m³)	(¢/m³)
1.	Rate 1	(0.7878)	0.1299	0.1761
2.	Rate 6	(0.7947)	0.1203	0.1665
3.	Rate 9	(0.6328)	(0.0442)	0.0020
4.	Rate 100	(0.7947)	0.1203	0.1665
5.	Rate 110	(0.6861)	(0.0145)	0.0317
6.	Rate 115	(0.6196)	(0.0346)	0.0116
7.	Rate 135	(0.6312)	(0.0462)	0.0000
8.	Rate 145	(0.7874)	0.0278	0.0740
9.	Rate 170	(0.8178)	(0.0105)	0.0357
10.	Rate 200	(0.8411)	0.0985	0.1447

**Summary of Commodity Rider**  
**January 2017 - QRAM Q1**

Item No.	Description	Commodity		Inventory		Total	
		Unit Rate	Col. 1 (¢/m³)	Adjustment Unit Rate	Col. 2 (¢/m³)	Commodity Unit Rate	Col. 3 (¢/m³) (1)
1.	Rate 1	(0.5850)		(0.3327)		(0.9177)	
2.	Rate 6	(0.5850)		(0.3300)		(0.9150)	
3.	Rate 9	(0.5850)		(0.0036)		(0.5886)	
4.	Rate 100	0.0000		0.0000		0.0000	
5.	Rate 110	(0.5850)		(0.0866)		(0.6716)	
6.	Rate 115	(0.5850)		0.0000		(0.5850)	
7.	Rate 135	(0.5850)		0.0000		(0.5850)	
8.	Rate 145	(0.5850)		(0.2302)		(0.8152)	
9.	Rate 170	(0.5850)		(0.2223)		(0.8073)	
10.	Rate 200	(0.5850)		(0.3546)		(0.9396)	

Notes: (1) Col. 3 = Col. 1 + Col. 2

**Summary of Transportation Rider**  
**January 2017 - QRAM Q1**

Item No.	Description	Total Transportation Unit Rate	
		Col. 1	(¢/m³)
1.	Rate 1	(0.0462)	
2.	Rate 6	(0.0462)	
3.	Rate 9	(0.0462)	
4.	Rate 100	0.0000	
5.	Rate 110	(0.0462)	
6.	Rate 115	(0.0462)	
7.	Rate 135	(0.0462)	
8.	Rate 145	(0.0462)	
9.	Rate 170	(0.0462)	
10.	Rate 200	(0.0462)	

**Summary for Load Balancing Rider  
January 2017 - QRAM Q1**

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	0.0194	0.1567	0.0000	0.1761
2.	Rate 6	0.0154	0.1511	0.0000	0.1665
3.	Rate 9	0.0003	0.0017	0.0000	0.0020
4.	Rate 100	0.0000	0.0000	0.0000	0.0000
5.	Rate 110	0.0020	0.0297	0.0000	0.0317
6.	Rate 115	0.0005	0.0111	0.0000	0.0116
7.	Rate 135	0.0000	0.0000	0.0000	0.0000
8.	Rate 145	0.0000	0.0740	0.0000	0.0740
9.	Rate 170	0.0000	0.0357	0.0000	0.0357
10.	Rate 200	0.0095	0.1352	0.0000	0.1447

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 2016				Year 2017	
		April	July	October	January		
		Q2 Col. 1 (¢/m³)	Q3 Col. 2 (¢/m³)	Q4 Col. 3 (¢/m³)	Q1 Col. 4 (¢/m³)	Total Unit Rate Col. 5 (¢/m³)	
1	Rate 1	0.2198	(0.0534)	(0.4401)	(0.0590)	(0.3327)	
2	Rate 6	0.2181	(0.0530)	(0.4367)	(0.0584)	(0.3300)	
3	Rate 9	0.0023	(0.0006)	(0.0047)	(0.0006)	(0.0036)	
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	
5	Rate 110	0.0622	(0.0151)	(0.1245)	(0.0092)	(0.0866)	
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	0.1558	(0.0378)	(0.3120)	(0.0362)	(0.2302)	
9	Rate 170	0.1466	(0.0356)	(0.2936)	(0.0397)	(0.2223)	
10	Rate 200	0.2333	(0.0567)	(0.4672)	(0.0640)	(0.3546)	

Notes: (1) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 11  
(2) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 11  
(3) EB-2016-0206, Exhibit Q4-3, Tab 4, Schedule 8, Page 11  
(4) EB-2016-0326, Exhibit Q1-3, 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 2016				Year 2017		Total Unit Rate (5) Col. 5 (¢/m³)		
		April		July		October			January	
		Q2 Col. 1 (¢/m³)	(1)	Q3 Col. 2 (¢/m³)	(2)	Q4 Col. 3 (¢/m³)	(3)		Q1 Col. 4 (¢/m³)	(4)
1	Rate 1	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
2	Rate 6	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
3	Rate 9	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
4	Rate 100	0.0000		0.0000		0.0000		0.0000		0.0000
5	Rate 110	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
6	Rate 115	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
7	Rate 135	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
8	Rate 145	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
9	Rate 170	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)
10	Rate 200	(0.1000)		(0.7559)		(0.0671)		0.3381		(0.5850)

Notes: (1) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 12  
(2) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 12  
(3) EB-2016-0206, Exhibit Q4-3, Tab 4, Schedule 8, Page 12  
(4) EB-2016-0326, Exhibit Q1-3, 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 2016			Year 2017	
		April	July	October	January	Total Unit Rate (¢/m³) (5)
		Q2 Col. 1 (¢/m³) (1)	Q3 Col. 2 (¢/m³) (2)	Q4 Col. 3 (¢/m³) (3)	Q1 Col. 4 (¢/m³) (4)	
1	Rate 1	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
2	Rate 6	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
3	Rate 9	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000
5	Rate 110	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
6	Rate 115	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
7	Rate 135	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
8	Rate 145	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
9	Rate 170	0.0048	0.0111	0.0065	(0.0685)	(0.0462)
10	Rate 200	0.0048	0.0111	0.0065	(0.0685)	(0.0462)

Notes: (1) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 13  
 (2) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 13  
 (3) EB-2016-0206, Exhibit Q4-3, Tab 4, Schedule 8, Page 13  
 (4) EB-2016-0326, Exhibit Q1-3, 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 2016				Year 2017		Total Unit Rate (₱/m³) (5)		
		April		July		October			January	
		Q2 Col. 1 (₱/m³) (1)	Q3 Col. 2 (₱/m³) (2)	Q4 Col. 3 (₱/m³) (3)	Q1 Col. 4 (₱/m³) (4)	Q2 Col. 5 (₱/m³) (5)				
1	Rate 1	0.0274	(0.0080)	0.0000	0.0000	0.0194				
2	Rate 6	0.0217	(0.0063)	0.0000	0.0000	0.0154				
3	Rate 9	0.0004	(0.0001)	0.0000	0.0000	0.0003				
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000				
5	Rate 110	0.0028	(0.0008)	0.0000	0.0000	0.0020				
6	Rate 115	0.0007	(0.0002)	0.0000	0.0000	0.0005				
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	0.0133	(0.0039)	0.0000	0.0000	0.0095				

Notes: (1) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 14  
 (2) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 14  
 (3) EB-2016-0206, Exhibit Q4-3, Tab 4, Schedule 8, Page 14  
 (4) EB-2016-0326, Exhibit Q1-3, 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 2016			Year 2017	
		April	July	October	January	
		Q2 Col. 1 (¢/m³)	Q3 Col. 2 (¢/m³)	Q4 Col. 3 (¢/m³)	Q1 Col. 4 (¢/m³)	Total Unit Rate Col. 5 (¢/m³)
1	Rate 1	0.2501	(0.0300)	0.0024	(0.0658)	0.1567
2	Rate 6	0.2398	(0.0287)	0.0023	(0.0624)	0.1511
3	Rate 9	0.0027	(0.0003)	0.0000	(0.0007)	0.0017
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000
5	Rate 110	0.0499	(0.0060)	0.0005	(0.0147)	0.0297
6	Rate 115	0.0184	(0.0022)	0.0002	(0.0053)	0.0111
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000
8	Rate 145	0.1194	(0.0143)	0.0012	(0.0323)	0.0740
9	Rate 170	0.0569	(0.0068)	0.0006	(0.0149)	0.0357
10	Rate 200	0.2174	(0.0260)	0.0021	(0.0582)	0.1352

Notes: (1) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 16  
(2) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 16  
(3) EB-2016-0206, Exhibit Q4-3, Tab 4, Schedule 8, Page 16  
(4) EB-2016-0326, Exhibit Q1-3, 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 2016				Year 2017		Total Unit Rate (₱/m³) (5)		
		April		July		October			January	
		Q2 Col. 1 (₱/m³) (1)	Q3 Col. 2 (₱/m³) (2)	Q3 Col. 2 (₱/m³) (3)	Q4 Col. 3 (₱/m³) (4)	Q1 Col. 4 (₱/m³) (5)	Q1 Col. 5 (₱/m³) (6)			
1	Rate 1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
2	Rate 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
5	Rate 110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
6	Rate 115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
8	Rate 145	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
9	Rate 170	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
10	Rate 200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		

Notes: (1) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 15  
 (2) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 15  
 (3) EB-2016-0206, Exhibit Q4-3, Tab 4, Schedule 8, Page 15  
 (4) EB-2016-0326, Exhibit Q1-3, 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**  
**January 2017 - QRAM Q1**

Item No	Description	Forecast Volumes				Inventory Revaluation (2)	Inventory Revaluation Rate Class (3)	Inventory Revaluation Unit Rate (4)
		January 2017 - December 2017 (12 months volume)	% Allocation (1)	Col. 1 (m <sup>3</sup> )	Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (¢/m <sup>3</sup> )
1.	Rate 1	System and Buy/sell	58.88%	4,659,173,839			(2,748,866)	(0.0590)
2.	Rate 6	System and Buy/sell	38.85%	3,104,337,698			(1,813,594)	(0.0584)
3.	Rate 9	System and Buy/sell	0.00%	262,800			(2)	(0.0006)
4.	Rate 100	System and Buy/sell	0.00%	-			0	-
5.	Rate 110	System and Buy/sell	0.13%	67,252,383			(6,185)	(0.0092)
6.	Rate 115	System and Buy/sell	0.00%	-			0	-
7.	Rate 135	System and Buy/sell	0.00%	1,200,001			0	-
8.	Rate 145	System and Buy/sell	0.06%	8,265,189			(2,990)	(0.0362)
9.	Rate 170	System and Buy/sell	0.30%	35,689,522			(14,173)	(0.0397)
10.	Rate 200	System and Buy/sell	1.77%	128,751,900			(82,465)	(0.0640)
11.	Grand Total		100.00%	8,004,933,332		(4,668,276)	(4,668,276)	

Notes: (1) Space less T-service allocation factor  
(2) EB-2016-0326, Exhibit Q1-4, Tab 1, Schedule 3, Page 1, Line 27, Col. 6 + Page 2, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* -4668276 (Inventory Revaluation)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Commodity Unit Rates**  
**January 2017 - QRAM Q1**

Item No	Description	Forecast Volumes		% Allocation <sup>(1)</sup>	Commodity Total for Clearing <sup>(2)</sup>	Commodity Valuation Rate Class <sup>(3)</sup>	Commodity Unit Rate <sup>(4)</sup>
		January 2017 - December 2017 (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 and Buy/sell	4,659,173,839	58.20%		15,752,306	0.3381
2.	Rate 6	System and Buy/sell	3,104,337,698	38.78%		10,495,525	0.3381
3.	Rate 9	System and Buy/sell	262,800	0.00%		889	0.3381
4.	Rate 100	System and Buy/sell	-	0.00%		0	-
5.	Rate 110	System and Buy/sell	67,252,383	0.84%		227,375	0.3381
6.	Rate 115	System and Buy/sell	-	0.00%		0	-
7.	Rate 135	System and Buy/sell	1,200,001	0.01%		4,057	0.3381
8.	Rate 145	System and Buy/sell	8,265,189	0.10%		27,944	0.3381
9.	Rate 170	System and Buy/sell	35,689,522	0.45%		120,664	0.3381
10.	Rate 200	System and Buy/sell	128,751,900	1.61%		435,300	0.3381
11.	Grand Total		8,004,933,332	100.00%	27,064,059	27,064,059	

Notes: (1) Annual Sales allocation factor. EB-2016-0326, Exhibit Q1-4, Tab 3, Schedule 4, Page 1  
(2) EB-2016-0326, Exhibit Q1-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 9 + Page 5, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* 27064059 (Commodity)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Transportation Unit Rates**  
**January 2017 - QRAM Q1**

Item No	Description	Forecast Volumes		% Allocation (1)	Transportation Total for Clearing (2)	Transportation Valuation Rate Class (3)	Transportation Unit Rate (4)
		January 2017 - December 2017 (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	4,782,102,104	51.13%		(3,277,925)	(0.0685)
2.	Rate 6	System, Buy/sell, WTS	3,949,341,184	42.23%		(2,707,103)	(0.0685)
3.	Rate 9	System, Buy/sell, WTS	262,800	0.00%		(180)	(0.0685)
4.	Rate 100	System, Buy/sell, WTS	-	0.00%		0	-
5.	Rate 110	System, Buy/sell, WTS	302,930,618	3.24%		(207,646)	(0.0685)
6.	Rate 115	System, Buy/sell, WTS	12,133,555	0.13%		(8,317)	(0.0685)
7.	Rate 135	System, Buy/sell, WTS	32,161,803	0.34%		(22,046)	(0.0685)
8.	Rate 145	System, Buy/sell, WTS	17,704,202	0.19%		(12,135)	(0.0685)
9.	Rate 170	System, Buy/sell, WTS	90,519,933	0.97%		(62,048)	(0.0685)
10.	Rate 200	System, Buy/sell, WTS	165,070,200	1.77%		(113,149)	(0.0685)
11.	Grand Total		9,352,226,399	100.00%	(6,410,548)	(6,410,548)	

Notes: (1) Bundled Transportation Deliveries allocation factor. EB-2016-0326, Exhibit Q1-4, Tab 3, Schedule 4, Page 1  
(2) EB-2016-0326, Exhibit Q1-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 10 + Page 6, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* -6410548 (Transportation)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Peaking Supplies Unit Rates**  
**January 2017 - QRAM Q1**

Item No	Description	Forecast Volumes		% Allocation <sup>(1)</sup>	Peaking Supplies Total for Clearing <sup>(2)</sup>	Peaking Supplies Valuation Rate Class <sup>(3)</sup>	Peaking Supplies Unit Rate <sup>(4)</sup>
		January 2017 - December 2017 (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	4,911,477,894	55.33%		0	-
2.	Rate 6	System, Buy/sell, WTS, OTS	4,862,269,239	43.11%		0	-
3.	Rate 9	System, Buy/sell, WTS, OTS	262,800	0.00%		0	-
4.	Rate 100	System, Buy/sell, WTS, OTS	-	0.00%		0	-
5.	Rate 110	System, Buy/sell, WTS, OTS	861,434,796	0.50%		0	-
6.	Rate 115	System, Buy/sell, WTS, OTS	490,291,894	0.10%		0	-
7.	Rate 135	System, Buy/sell, WTS, OTS	60,898,955	0.00%		0	-
8.	Rate 145	System, Buy/sell, WTS, OTS	63,318,201	0.00%		0	-
9.	Rate 170	System, Buy/sell, WTS, OTS	296,313,009	0.00%		0	-
10.	Rate 200	System, Buy/sell, WTS, OTS	170,842,700	0.96%		0	-
11.	Grand Total		11,717,109,488	100.00%	0	0	

Notes: (1) Deliverability allocation factor. EB-2016-0326, Exhibit Q1-4, Tab 3, Schedule 4, Page 1, Line 3.1  
(2) EB-2016-0326, Exhibit Q1-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 12  
(3) Col. 4 = Col. 2 \* 0 (Peaking Supplies)  
(4) Col. 5 = Col. 4 / Col. 1



**Derivation of Curtailment Revenue Unit Rates**  
**January 2017 - QRAM Q1**

Item No	Description	Forecast Volumes		Curtailment Revenue Total for Clearing	Curtailment Revenue Valuation Rate Class	Curtailment Revenue Unit Rate
		January 2017 - December 2017 (12 months volume)	% Allocation			
		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	4,911,477,894	55.33%		0	-
2.	Rate 6 System, Buy/sell, WTS, OTS	4,862,269,239	43.11%		0	-
3.	Rate 9 System, Buy/sell, WTS, OTS	262,800	0.00%		0	-
4.	Rate 100 System, Buy/sell, WTS, OTS	-	0.00%		0	-
5.	Rate 110 System, Buy/sell, WTS, OTS	861,434,796	0.50%		0	-
6.	Rate 115 System, Buy/sell, WTS, OTS	490,291,894	0.10%		0	-
7.	Rate 135 System, Buy/sell, WTS, OTS	60,898,955	0.00%		0	-
8.	Rate 145 System, Buy/sell, WTS, OTS	63,318,201	0.00%		0	-
9.	Rate 170 System, Buy/sell, WTS, OTS	296,313,009	0.00%		0	-
10.	Rate 200 System, Buy/sell, WTS, OTS	170,842,700	0.96%		0	-
11.	Grand Total	11,717,109,488	100.00%	0	0	

Notes: (1) Deliverability allocation factor. EB-2016-0326, Exhibit Q1-4, Tab 3, Schedule 4, Page 1, Line 3.1  
(2) EB-2016-0326, Exhibit Q1-4, Tab 1, Schedule 2, Page 8, Line 1, Col. 1  
(3) Col. 4 = Col. 2 \* 0 (Curtailed Revenue)  
(4) Col. 5 = Col. 4 / Col. 1

**Derivation of Delivered Supplies Unit Rates**  
**January 2017 - QRAM Q1**

Item No	Description	Forecast Volumes		% Allocation <sup>(1)</sup>	Delivered Supplies Total for Clearing	Delivered Supplies Valuation	Delivered Supplies Unit Rate <sup>(3)</sup>
		January 2017 - December 2017 (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	4,911,477,894	49.12%		(3,232,937)	(0.0658)
2.	Rate 6	System, Buy/sell, WTS, OTS	4,862,269,239	46.08%		(3,032,785)	(0.0624)
3.	Rate 9	System, Buy/sell, WTS, OTS	262,800	0.00%		(2)	(0.0007)
4.	Rate 100	System, Buy/sell, WTS, OTS	-	0.00%		0	-
5.	Rate 110	System, Buy/sell, WTS, OTS	861,434,796	1.92%		(126,403)	(0.0147)
6.	Rate 115	System, Buy/sell, WTS, OTS	490,291,894	0.39%		(25,965)	(0.0053)
7.	Rate 135	System, Buy/sell, WTS, OTS	60,898,955	0.00%		0	-
8.	Rate 145	System, Buy/sell, WTS, OTS	63,318,201	0.31%		(20,435)	(0.0323)
9.	Rate 170	System, Buy/sell, WTS, OTS	296,313,009	0.67%		(44,259)	(0.0149)
10.	Rate 200	System, Buy/sell, WTS, OTS	170,842,700	1.51%		(99,473)	(0.0582)
11.	Grand Total		11,717,109,488	100.00%	(6,582,258)	(6,582,258)	

Notes: (1) Space factor. EB-2016-0326, Exhibit Q1-4, Tab 3, Schedule 4, Page 1  
(2) EB-2016-0326, Exhibit Q1-4, Tab 1, Schedule 2, Page 1, Line 13, Col. 11 + Page 7, Line 13, Col. 9  
(3) Col. 4 = Col. 2 \* -6582258 (Delivered Supplies)  
(4) Col. 5 = Col. 4 / Col. 1