500 Consumers Road North York, ON M2J 1P8 PO Box 650 Scarborough ON M1K 5E3 Andrew Mandyam
Director, Regulatory Affairs
Tel 416-495-6350
Fax 416-495-6072
Email andrew.mandyam@enbridge.com



### VIA RESS, EMAIL and COURIER

June 10, 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-2016-0184 (QRAM Application)

Today, we are filing one electronic copy of the Application of Enbridge Gas Distribution Inc. ("Enbridge") in Word and PDF formats, and two paper copies of the Application with the supporting evidence (binder format) by courier, requesting an order approving or fixing rates for the sale, distribution, storage, and transmission of gas effective July 1, 2016.

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

This QRAM application also includes the rate impacts and Revenue Adjustment Rider E approved in the Board's Decision and rate order in EB-2015-0049 dated May 12, 2016 for 2016 Final Rates.

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

June 10, 2016 Ms. Walli Page 2

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

- Any responsive comments from interested parties must be filed with the Board, and served on Enbridge and the other interested parties, on or before June 15, 2016.
- Any reply comments from Enbridge must be filed with the Board, and served on all interested parties, on or before June 17, 2016.
- The Board would thereafter issue an order approving the applied-for rate adjustments, or modifying them as required, effective July 1, 2016.

Enbridge requests the Board to issue such an order on or before June 24, 2016. Enbridge would then be able to implement the resultant rates during Enbridge's first billing cycle in July 2016.

The prescribed procedures for processing cost claims are as follows:

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

Yours truly,

(Original Signed)

Andrew Mandyam
Director, Regulatory Affairs
Encl.

cc: Mr. Fred Cass, Aird & Berlis LLP
All Interested Parties EB-2015-0114

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 1 Schedule 1 Page 1 of 3

# <u>APPLICATION FOR RATE ADJUSTMENT - GAS COSTS – Q3</u>

Exhibit	<u>Tab</u>	Schedule	Contents of Schedule	Witnesses
<u>Q3-1 – A</u>	<u>\dmini</u>	stration_		
	1	1	Exhibit List	K. Culbert
	2	1	Application	T. Persad
<u>Q3-2 – V</u>	<u>Vritten</u>	Direct Evid	<u>dence</u>	
	1	1	Forecast of Gas Costs	D. Small
	2	1	Annualized Impact of the April 1, 2016 Quarterly Rate Adjustment on the Company's Fiscal 2016 Rates and Revenue Requirement	R. Small
		2	Deferral and Variance Account Actual and Forecast Balances	R. Small
	3	1	Working Cash and Cost Allocation	B. So
	4	1	Rate Design - Quarterly Rate Adjustment Mechanism	J. Collier
<u>Q3-3 – S</u>	Suppor	rting Sched	<u>ules</u>	
	1	1	Summary of Gas Cost to Operations	D. Small
		2	Component of the Purchased Gas Variance Account – Gas Acquisition Costs	D. Small
		3	Component of the Purchased Gas Variance Account – Gas in Inventory Re-Valuation	D. Small
		4	Monthly Pricing Information	D. Small
		5	Extraction Review	D. Small

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 1 Schedule 1 Page 2 of 3

<u>Exhibit</u>	<u>Tab</u>	Schedule	Contents of Schedule	Witnesses
<u>Q3-3</u>	2	1	Impact on Revenue Requirement	R. Small
		2	Impact on Rate Base and Associated Carrying Cost	R. Small
		3	Calculation of the Gross Rate of Return on Rate Base	R. Small
		4	Calculation of the Inventory Adjustment	R. Small
		5	Gas in Storage Month End Balances and Average of Monthly Averages	R. Small
	3	1	Classification of Change in Rate Base and Cost of Service	B. So
		2	Calculation of Unit Rate Change by Customer Class	B. So
		3	Tecumseh Gas Rate Derivation	B. So
		4	Allocation Factors	B. So
	4	1	Revenue Comparison – Current Methodology vs. Proposed by Rate Class and Component	J. Collier
		2	Fiscal Year Revenue Comparison Current Methodology vs. Proposed by Rate Class	J. Collier
		3	Summary of Proposed Rate Change by Rate Class	J. Collier
		4	Calculation of Gas Supply Charges by Rate Class	J. Collier
		5	Detailed Revenue Calculations EB-2016-0021 vs. EB-2016-0184	J. Collier

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<u>Exhibit</u>	<u>Tab</u>	Schedule	Contents of Schedule	Witnesses
<u>Q3-3</u>	4	6	Annual Bill Comparisons EB-2016-0184 vs. EB-2016-0021	J. Collier
		7	Rate Handbook	J. Collier
		8	Rate Rider Summary	J. Collier

**Decision and Interim Rate Order** 

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 2 Schedule 1 Page 1 of 5

#### **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 July 1, 2016.

APPLICATION FOR
RATE ADJUSTMENT
Gas Costs
Third Quarter - Test Year 2016

### 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 July 1, 2016. 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.

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- 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 current utility price approved in the EB-2016-0021 is \$157.800/10<sup>3</sup>m<sup>3</sup> (\$4.187/GJ @ 37.69 MJ/m<sup>3</sup>). Enbridge has recalculated the utility price for the third quarter of Test Year 2016 using the prescribed methodology reflecting a higher commodity cost. The recalculated utility price is \$166.527/10<sup>3</sup>m<sup>3</sup> (\$4.418/GJ @ 37.69 MJ/m<sup>3</sup>).
- 5. Enbridge is also implementing the rate impacts and revenue adjustment Rider E as approved in the Board's decision and rate order in EB-2015-0049 (2016 Final Rates) dated May 12, 2016 and as is described in evidence.
- 6. The resultant rates would increase the total bill for a typical residential customer on sales service by \$25.00 or 3.1% (approx.) annually and, for a typical residential customer on direct purchase, would increase the total bill by \$14.00 or 2.5% (approx.) annually.

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### **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 July 1, 2016 to June 30, 2017 the Rider C unit rate for residential customers on sales service is 0.3160 ¢/m³, for Western T-service it is 0.2970 ¢/m³ and for Ontario T-service it is 0.2730 ¢/m³.

### 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 June 15, 2016.
  - Any reply comments from Enbridge are filed with the Board, and served on all interested parties, on or before June 17, 2016.
  - The Board thereafter issues an order approving the applicable rate adjustments or modifying them as required, effective July, 2016.
- 11. Enbridge requests that the Board issue such an order on or before June 24, 2016 (if possible). Enbridge would then be able to implement the resultant rates during the first billing cycle in July.
- 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

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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

Telephone: (416) 495-5499 Fax: (416) 495-6072

Electronic access: egdregulatoryproceedings@enbridge.com

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

> Telephone: (416) 495-5891 Fax: (416) 495-5994

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

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DATE: June 10, 2016

# **ENBRIDGE GAS DISTRIBUTION INC.**

	(Original Signed)
Per:	
Andrew Mandy	/am
Director, Regu	latory Affairs

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 2 Schedule 1 Appendix A Page 1 of 6

### 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

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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

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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 commodityrelated 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.

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- 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.

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 2 Schedule 1 Appendix A Page 5 of 6

- 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 ¢/m³ 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.

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- 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 ¢/m³ 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, 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.

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 2 Schedule 1 Appendix B Page 1 of 3

# **List of Interested Parties**

Filed electronically (email) only

ASSOCIATION OF POWER PRODUCERS OF ONTARO ("APPrO")  David Butters		David Butters	
ASSOCIATION OF POWER PRODUCERS OF ONTARIO ("APPrO")		James K. Little	
ASSOCIATION OF POWER PRODUCERS OF ONTARIO ("APPrO")		John A. D. Vellone	
ASSOCIATION OF POWER PRODUCERS OF ONTARIO ("APPrO")		John Wolnik	
BUILDING OWNERS AND MANAGERS ASSOCIATION OF THE GREATER TORONTO AREA ("BOMA")  Thomas Brett			
BUILDING OWNERS AND MANAGERS ASSOCIATION OF THE GREATER TORONTO AREA ("BOMA")			
CANADIAN MANUFACTURERS & EXPORTERS ("CME")  Paul Clipsham			
CANADIAN MANUFACTURERS & EXPORTERS ("CME")  Vincent J. DeRose		Vincent J. DeRose	
CANADIAN MANUFACTURERS & EXPORTERS ("CME")		Emma Blanchard	
CANADIAN MANUFACTURERS & EXPORTERS ("CME")  Eden Alexander		Eden Alexander	
CONSUMERS COUNCIL OF CANADA ("CCC")  Julie Girvan		Julie Girvan	
ENERGY PROBE RESEARCH FOUNDATION ("Energy Probe")	David MacIntosh		
ENERGY PROBE RESEARCH FOUNDATION ("Energy Probe")	CH FOUNDATION ("Energy Probe") Randy Aiken		
FEDERATION OF RENTAL-HOUSING PROVIDERS OF ONTARIO		Dwayne R. Quinn	

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INDUSTRIAL GAS USERS ASSOCIATION ("IGUA")		Shahrzad Rahbar, PhD		
INDUSTRIAL GAS USERS ASSOCIATION ("IGUA")		lan Mondrow		
JUST ENERGY ONTARIO L.P.		Nola Ruzycki		
ONTARIO ASSOCIATION OF PHYSICAL PLANT ASSOCIATION ("OAPPA")		Valerie Young		
SCHOOL ENERGY COALITION		Wayne McNally		
SCHOOL ENERGY COALITION		Jay Shepherd		
TRANSCANADA ENERGY Ltd. ("TCE")		Margaret Kuntz		
TRANSCANADA ENERGY Ltd. ("TCE")		David Farmer		
TRANSCANADA PIPELINES LIMITED ("TransCanada")		Jim Bartlett		
TRANSCANADA PIPELINES LIMITED ("TransCanada")		Roman Karski		
TRANSCANADA PIPELINES LIMITED ("TransCanada")		Catharine Davis		
UNION GAS LIMITED ("Union")		Patrick McMahon		
VULNERABLE ENERGY CONSUMERS COALITION ("VECC")		Michael Janigan		
VULNERABLE ENERGY CONSUMERS COALITION ("VECC")		Mark Garner		

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-1 Tab 2 Schedule 1 Appendix B Page 3 of 3

# **List of Other Interested Parties**

GAZIFERE INC.		Mr. Jean-Beniot Trahan
ONTARIO ENERGY BOARD – BOARD STAFF		Mr. Colin Schuch

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-2 Tab 1 Schedule 1 Page 1 of 5

### **FORECAST OF GAS COSTS**

### Purpose of Evidence

- The Company is updating its forecast of gas costs effective July 1, 2016 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 May 3, 2016 to May 31, 2016 for 12 months commencing July 1, 2016 and applied these monthly prices to the 2016 forecasted annual volume of gas purchases as filed in EB-2015-0114 at Exhibit D1, Tab 2, Schedule 4 with the following updates. As discussed in its pre-filed evidence in EB-2015-0114 at Exhibit D1, Tab 2, Schedule 1, page 2 and Exhibit I.D1.EGDI.Staff.4 the Company has entered into a supply arrangement with Aux Sable for purchases of supplies in western Canada and the associated transport on Alliance to Chicago. This agreement was completed after the preparation of Ex. D1, Tab 2, Schedule 4. As a result of entering into this transaction the Company has reduced its forecasted Chicago requirement and provided the forecasted savings to customers. The Company has therefore updated its 2016 forecasted annual volumes of gas purchases.
- 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 annual supply arrangements for a portion of its forecasted Chicago

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purchases at an average premium of \$0.0225 US/ Mmbtu and its Niagara/Chippawa purchases at an average discount of \$0.400 US/Mmbtu. 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 \$166.527/10<sup>3</sup>m<sup>3</sup> (\$4.418/GJ) (as per Exhibit Q3-3, Tab 1, Schedule 1, p. 1). This represents a unit cost increase of \$8.727/10<sup>3</sup>m<sup>3</sup> or \$0.231/GJ to the April 1, 2016 reference price of \$157.800/10<sup>3</sup> m<sup>3</sup> (\$4.187/GJ) as shown at EB-2016-0021 Exhibit Q2-1, Tab 1, Schedule 1, page 1 of 1.
- 5. The Company is proposing to change its Utility Price, effective July 1, 2016, to \$166.527/10<sup>3</sup>m<sup>3</sup> and change rates accordingly.
- 6. The recalculated Utility Price of \$167.527/10<sup>3</sup>m<sup>3</sup> represents an annual Western Canadian price of approximately \$2.3900/GJ at Empress (Exhibit Q3-3, Tab 1, Schedule 4, Column 1). This compares to the forecasted April 2016 Utility Price of \$157.800/10<sup>3</sup> m<sup>3</sup> which represented an annual Western Canadian price of approximately \$2.2768/GJ at Empress. The forecasted April 2016 Utility Price was based upon a 21-day average of various prices, exchange rates and basis differential from February 1, 2016 to February 29, 2016 for the 12 month period April 2016 to March 2017.
- 7. Exhibit Q3-3, 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 July 1, 2015 to June 30, 2016, the Company projects a \$ 43.7 Million credit balance in the Purchased Gas Variance Account at the end of June 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.

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Column 7, Item # 13 provides the Forecasted Clearance amount from the April 2016 QRAM (\$9.6 million). Column 8, Item # 13 represents the amount in the PGVA that will need to be cleared via a prospective Rider effective July 1, 2016 (\$ 53.3 million credit). Columns 9 through 12 break down that PGVA balance into Commodity, Transportation and Load Balancing components. The primary driver for the forecasted credit balance to be refunded to customers is due to the lower prices expected to be paid for natural gas in April 2016 through June 2016 compared to the forecast of prices in the April 2016 QRAM. Column 6, Item # 26 indicates that, based on the 2016 forecast of annual gas supply purchase volumes for the 12 months commencing July 1, 2016, the Company projects a \$(0.0) million balance in the Purchased Gas Variance Account at the end of June 2017.

- 8. Included in Column 1 is amount for Extraction Revenue of \$3.3 million for the period of July 1, 2015 to May 31, 2016 and represents a reduction to the Company's acquisition costs. For monthly breakdown of this amount please see Exhibit Q3-3, Tab 1 Schedule 5, page 1.
- 9. Exhibit Q3-3, Tab 1 Schedule 2, page 2, Items 1.1 to 1.12 provides a monthly summary of the variances associated with the July 2015 to June 2016 purchases; Items 2.1 to 2.12 provide a summary of the variances provided in the April 2016 QRAM; and Items 3.1 to 3.12 represent the monthly variances to be cleared as part of the July 2016 QRAM. Exhibit Q3-3, Tab 1 Schedule 2, pages 3-4 provide the breakdown of the various monthly supplies of the Company by commodity, transportation and load balancing variance.
- 10. Exhibit Q3-3, Tab 1, Schedule 2, pages 5 through 7 and Exhibit Q3-3, Tab 1, Schedule 3, page 2 provide the calculation of differences between forecast and

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actual amounts recovered or refunded through Rider C. Exhibit Q3-3, 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 Q3-3, Tab 1, Schedule 2, page 5, Item 12, represents the actual Rider C amounts refunded in the previous quarter(s). Exhibit Q3-3, Tab 1, Schedule 2, page 5, Item 13, Column 9, (\$4.7 million) represents the Rider C variances that need to be either collected or refunded to customers within the July 2016 QRAM.

- 11. Exhibit Q3-3, 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 Q3-3, Tab 1, Schedule 2, page 6, Item 12 represents the actual Rider C amounts recovered in the previous quarter. Q3-3, Tab 1, Schedule 2, page 6, Item 13, Column 9 (\$0.4 million) represents the Rider C variances that need to be either collected or refunded to customers within the July 2016 QRAM.
- 12. Exhibit Q3-3, 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 Q3-3, Tab 1, Schedule 2, page 7, Item 12, represents the actual Rider C amounts recovered in the previous quarter. Exhibit Q3-3, Tab 1, Schedule 2, page 7, Item 13, Column 9 (\$4.5 million) represents the Rider C variances that need to be either collected or refunded to customers within the July 2016 QRAM.

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- 13. Exhibit Q3-3, 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 (\$2.9 million) is used in the derivation of the July 1, 2016 Rider C unit rates as depicted at Exhibit Q3-3, Tab 4, Schedule 8.
- 14. Exhibit Q3-3, Tab 1, Schedule 3, page 2 Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts associated with each QRAM the Rider C amounts associated with the inventory re-evaluation component of the PGVA. Exhibit Q3-3, Tab 1, Schedule 2, page 2, Item 12 represents the actual Rider C amounts recovered in the previous quarter. Q3-3, Tab 1, Schedule 3, page 3, Item 13, Column 9 (\$4.5 million) represents the Rider C variances that need to be either collected or refunded to customers within the July 2016 QRAM.
- 15. The derivation of the July 1, 2016 Reference Price is based upon TCPL tolls effective November 1, 2015 as well as for updated abandonment surcharges that came into effect January 1, 2016. The toll embedded in the July 2016 Reference price is \$74.792/10<sup>3</sup>m<sup>3</sup> (\$1.984/GJ). This represents no change from the April 2016 QRAM.

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### ANNUALIZED IMPACT OF THE JULY 1, 2016 QUARTERLY RATE ADJUSTMENT ON THE COMPANY'S FISCAL 2016 RATES AND REVENUE REQUIREMENT

- 1. The evidence found at Exhibit Q3-3, 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 2016. As a result of the quarterly gas cost unit rate adjustment within this application, the Company's revenue requirement would increase by \$70.9 million on an annualized basis. This increase is the result of an increase in the purchase cost of gas and an increase in the gross carrying cost of gas in storage and working cash related elements of rate base. The details of the components of this increase are listed at Exhibit Q3-3, Tab 2, Schedule 1, and are examined further in the balance of this exhibit.
- 2. The annualized impact of the gas cost increase, in the amount of \$69.9 million, is determined by applying the increase in the gas cost reference price against the applicable volumes. The volumes used within this QRAM application are the Board Approved 2016 volumes, from the EB-2015-0114 Decision and Interim Rate Order. The use of these volumes is consistent with the QRAM approved guidelines as filed at Exhibit Q3-1, 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 Q3-3, Tab 2, Schedule 1. The calculations in support of the \$69.9 million increase in the purchase cost of gas are found on Lines 1 through 8, and summarized at Line 9, of Exhibit Q3-3, Tab 2, Schedule 1.
- 3. Exhibit Q3-3, Tab 2, Schedule 2, details the impact of the annualized increase on the gas in storage and working cash elements of Rate Base, and the associated

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carrying cost which is calculated to be \$1.1 million and is included at Exhibit Q3-3, Tab 2, Schedule 1, at Line 10. The increase in the PGVA unit rate results in an increase in the gas in storage inventory value in the amount of \$13.9 million, calculated at Line 2 of Schedule 2. The increase is calculated by multiplying the Company's average-of-monthly-averages ("AOA's") storage volume of 1,595,786.8 10³m³, which can be found at Exhibit Q3-3, Tab 2, Schedule 5, by the increase in the PGVA reference price in the amount of \$8.727/10³m³. The increase in the working cash allowance is calculated by applying 2.4 net lag days to the annualized increase in gas costs of \$69.9 million, resulting in an increase of \$0.5 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 \$0.5 million, shown at Line 4 of Schedule 2, can be found in evidence at Exhibit Q3-2, Tab 3, Schedule 1.

- 4. As shown at Lines 5 through 7 of Exhibit Q3-3, Tab 2, Schedule 2, the \$13.9 million increase in the valuation of the components of gas in storage and working cash is multiplied by a gross return component of 7.61% (filed at Exhibit Q3-3, Tab 2, Schedule 3) causing a \$1.1 million increase in carrying costs.
- 5. The details supporting the calculation of the Company's grossed up rate of return are found at Exhibit Q3-3, Tab 2, Schedule 3. The capital structure components, cost rates, and return rate(s), in Columns 1 through 3, are the 2016 Board Approved values found in the EB-2015-0049 Decision and Rate Order, Appendix A, Schedule 2, page 7, Columns 2 to 4, Dated: 2016-05-12. The calculation of the grossed up rate of return in Columns 4 and 5 has utilized the Company's Board Approved 2016 forecast corporate tax rate of 26.5%, as was determined within EB-2012-0459.

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- 6. Exhibit Q3-3, Tab 2, Schedule 4 details the calculation of the forecast inventory valuation adjustment in the amount of \$11.3 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 June 30, 2016 revalued at the new PGVA reference price arising from this quarterly rate adjustment proceeding.
- 7. Exhibit Q3-3, Tab 2, Schedule 5 shows the month end and AOA volume of gas in storage as approved within the EB-2015-0114 proceeding.

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# DEFERRAL AND VARIANCE ACCOUNT ACTUAL AND FORECAST BALANCES

- 1. The evidence found at page 2 of this schedule (Exhibit Q3-2, Tab 2, Schedule 2, page 2) provides the May 31, 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.

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

Col. 1 Col. 2 Col. 3 Col. 4

		<del>-</del>	Actual a May 31, 2		Forecast at December 31, 2016		
Line No.	Account Description	Account Acronym	Principal	Interest	Principal (**)	Interest	
	Non Commodity Related Accounts		(\$000's)	(\$000's)	(\$000's)	(\$000's)	
1.	Demand Side Management V/A	2015 DSMVA	825.5	5.9	825.5	11.5	
2.	Demand Side Management V/A	2014 DSMVA	352.5	5.8	-	-	
3.	Lost Revenue Adjustment Mechanism	2014 LRAM	(65.3)	(0.4)	-	-	
4.	Demand Side Management Incentive D/A	2014 DSMIDA	7,647.2	42.1	-	-	
5.	Deferred Rebate Account	2016 DRA	(0.3)	-	(0.3)	-	
6.	Deferred Rebate Account	2015 DRA	418.8	1.2	`-	-	
7.	Manufactured Gas Plant D/A	2016 MGPDA	539.6	36.0	620.2	39.5	
8.	Average Use True-Up V/A	2015 AUTUVA	(2,278.3)	(10.4)	-	-	
9.	Electric Program Earnings Sharing D/A	2015 EPESDA	(59.3)	(0.3)	_	_	
10.	Earnings Sharing Mechanism Deferral Account	2015 ESMDA	(6,450.0)	(29.6)	_	_	
11.	Customer Care CIS Rate Smoothing D/A	2016 CCCISRSDA	(325.0)	(0.8)	(779.9)	(5.3)	
12.	Customer Care CIS Rate Smoothing D/A	2015 CCCISRSDA	1,124.2	14.5	1,124.2	4.2	
13.	Customer Care CIS Rate Smoothing D/A	2014 CCCISRSDA	2.927.0	28.7	2,927.0	10.8	
14.	Customer Care CIS Rate Smoothing D/A		4,634.9	45.4	4,634.9	17.1	
		2013 CCCISRSDA	,		,	17.1	
15.	Transition Impact of Accounting Changes D/A	2016 TIACDA	75,408.6	-	70,972.8	-	
16.	Post-Retirement True-Up V/A	2016 PTUVA	(000 ()	- (10.0)	(9,511.4)	-	
17.		2015 PTUVA	(880.1)	(18.6)	· · · ·	-	
18.	Constant Dollar Net Salvage Adjustment D/A	2016 CDNSADA	38,406.4	-	38,406.4	-	
19.	Energy East Consultation Costs D/A	2015 EECCDA	157.5	1.0	-	-	
20.	GTA Incremental Transmission Capital Rev. Req. D/A	2016 GTAITCRRDA	1,087.3	0.5	4,893.0	18.0	
21.	Greenhouse Gas Emissions Impact D/A	2016 GGEIDA	127.5	0.6	677.5	1.3	
22.	Total non commodity Related Accounts	_	123,598.7	121.6	114,789.9	97.1	
	Commodity Related Accounts						
23.	Purchased Gas V/A	2016 PGVA	55,367.3	903.2	-	- *	
24.	Transactional Services D/A	2016 TSDA	-	-	2,700.0	-	
25.	Transactional Services D/A	2015 TSDA	(9,074.8)	(91.5)	-	-	
26.	Unaccounted for Gas V/A	2015 UAFVA	1,302.9	7.6	-	-	
27.	Storage and Transportation D/A	2016 S&TDA	3,995.4	7.4	3,995.4	33.3	
28.	Storage and Transportation D/A	2015 S&TDA	4,771.4	54.8	-	-	
29.	Unabsorbed Demand Cost D/A	2015 UDCDA	65,834.3	553.0	-	-	
30.	Total commodity related accounts		122,196.5	1,434.5	6,695.4	33.3	
31.	Total Deferral and Variance Accounts		245,795.2	1,556.1	121,485.3	130.4	

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

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### 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 Q3-3 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 Q3-3, 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-2016-0021. The gas cost expense lag is 38.3 days resulting in a net gas cost expense lag of 2.4 days.
- 3. The above net gas cost expense lag of 2.4 days is used to calculate the impact on the working cash requirement in rate base. Exhibit Q3-3, 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 an increase in the working cash requirement of \$0.459 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 \$0.483 million decrease in working cash requirement. This decrease can be seen at Exhibit Q3-3, Tab 2, Schedule 2, Item 4

Witness: B. So

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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 Q3-3, 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 Q3-3, 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 Q3-3, 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 Q3-3, Tab 4, Schedule 3.

Items 1.1 to 1.7 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 Q3-3, 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 Q3-3, Tab 2, Schedule 1, Item 11. The difference of approximately \$(0.01) million corresponds to the portion of the LUF

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decrease that will be passed on to ex-franchise customers through Rates 325 and 330. The effect on these rates is found at Exhibit Q3-3, Tab 3, Schedule 3.

- 7. Items 2 on Schedule 2, Tab 3, are the before tax return components of rate base and taxes determined on Schedule 1 of Exhibit Q3-3, Tab 3.
- 8. Items 3 on Schedule 2 are the sum of the respective Items 1 and 2. The allocation factors, found at Exhibit Q3-3, Tab 3, Schedule 4, are based on the Board-approved 2016 Volume Forecast from EB-2015-0114 (Test Year 2016), and are used to allocate these costs to the rate classes as specified in column 14.
- 9. 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.
- 10. The rate derivation of Tecumseh Gas is affected by the increase in LUF costs due to the increase in gas costs, as shown at Exhibit Q3-3, 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 Q3-3, Tab 3, Schedule 3. The portion of LUF costs flowing to in-franchise customers is included in Item 1.6 of Exhibit Q3-3, Tab 3, Schedule 2.

Witness: B. So

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### 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 slight increase in utility reference price reflects a higher cost of gas purchases, load balancing related and upstream transportation costs as compared to rates approved in EB-2016-0021 April 1, 2016 QRAM.
- 2. The Company is also implementing the rate impacts and revenue adjustment Rider E as approved in the Board's Decision and Final Rate Order in EB-2015-0049 (2016 Rates) in this QRAM. The Rate Order dated May 12, 2016 in the EB-2015-0049 proceeding approved the Rider E unit rates which will be applicable to customer volumes from July 1, 2016 to September 30, 2016. The Rider E revenue adjustment rider captures the difference in revenue between interim and final 2016 rates for the period from January 1, 2016 to June 30, 2016. The approved Rider E is included in the rate schedules contained at Exhibit Q3-3, Schedule 7.
- 3. The rate design exhibits supporting this QRAM application are found at Exhibit Q3-3, Tab 4. Schedules 1 to 5 present the effect of the proposed utility price on revenues and rates when compared with April 1, 2016 QRAM rates inclusive of the impacts of the EB-2015-0049 Final 2016 rates. Schedule 6 shows customer bill impacts for various rate classes relative to the EB-2016-0021 April 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-2015-0049 Final 2016 rates and the EB-2016-0184 July 1, 2016 QRAM rate change. Schedule 7 contains the rate handbook. The derivation of the Rider C unit rates can be found at Schedule 8.

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### **Utility Price**

- 4. The utility price during the second quarter of 2016 is \$157.800/10³m³ (\$4.187/GJ @ 37.69 MJ/m³). Enbridge has recalculated the utility price for the third quarter of the 2016 Test Year using the prescribed methodology set forth Exhibit Q3-1, Tab 2, Schedule 1, Appendix A. The recalculated utility price for the third quarter is \$166.527/10³m³ (\$4.418/GJ @ 37.69 MJ/m³) as outlined at Exhibit Q3-3, Tab 1, Schedule 1. Enbridge is proposing to adjust its rates accordingly effective July 1, 2016.
- 5. The increased utility price translates into an increase in the revenue requirement totaling \$70.9 million, as seen at Exhibit Q3-3, 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 \$166.527/10³m³ and the April 1, 2016 reference price of \$157.800/10³m³. This differential of \$8.727/10³m³ is then applied to the 2016 forecast of sales volumes, Company use, Unbilled and Unaccounted For "(UUF"), and Lost and Unaccounted For ("LUF") volumes.
- 6. The increase in carrying cost on inventory and working cash requirements were also considered in the change in the revenue requirement calculation.

# <u>Customer Impacts</u>

7. Exhibit Q3-3, Tab 4, Schedule 6 depicts the typical customer rate impacts relative the EB-2016-0021 April 1, 2016 QRAM rates. The impacts vary by rate class and are a function of the Final 2016 rates and the proposed utility price which is comprised of commodity, transportation and load balancing costs.

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- 8. 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 April 1, 2016 (\$89.3386 /10³m³) to July 1, 2016 (\$93.7772 /10³m³) is an increase of \$4.4386 /10³m³. These costs are recovered from system gas customers through the Company's gas supply commodity charge which will increase from 9.18 ¢/m³ to 9.63 ¢/m³ for the July 1, 2016 QRAM. Transportation charges will increase due to an increase in the basis differential. Load balancing charges will increase due to an increase in seasonal and peak load balancing related costs and an increase in carrying costs of gas in inventory. The change in the utility price increases the cost of lost and unaccounted for gas which is combined with changes approved in the EB-2015-0049 Final 2016 Rates and results in an increase in delivery charges.
- 9. The impact of the price changes discussed above on a typical residential customer on sales service (system gas) is an annualized increase of approximately 3.1%, or approximately \$25. The customer's new annual bill is \$822.17. On a T-service basis (total bill excluding commodity charges), a typical residential customer will see an increase of approximately 2.5% or approximately \$14 annually.

### **PGVA Clearing**

10. 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 July 1, 2016 QRAM can be found at Exhibit Q3-3, Tab 1, Schedule 2. Exhibit Q3-3, Tab 4,

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Schedule 8, pages 1-16 depicts the schedules supporting the derivation of each of the Rider C unit rates for commodity, transportation and load balancing.

11. Effective from July 1, 2016 to June 30, 2017, the Rider C unit rate for residential customers on sales service is 0.3160 ¢/m³, for Western T-service is 0.2970¢/m³ and for Ontario T-service is 0.2730 ¢/m³.

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### Summary of Gas Cost to Operations Year ended June 30, 2017

		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
Item #	! -			(001.27 001.1)	(001.07 07.00)	TICVIOUS QIVAIVI
1.1 1.2 1.3 1.4 1.5	Western Canadian Supplies Alberta Production Western - @ Empress - TCPL Western - @ Nova - TCPL Western Buy/Sell - with Fuel Western - @ Alliance Less TCPL Fuel Requirement	0.0 1,912,212.7 1,620,431.3 48.6 213,443.4 (139,360.8)	0.0 173,137.4 134,840.7 4.6 17,729.8 0.0	0.000 90.543 83.213 93.789 83.065	0.000 2.402 2.208 2.488 2.204	0.0% 6.1% 5.5% 4.9% 5.3%
1.	Total Western Canadian Supplies	3,606,775.1	325,712.4	90.306	2.396	5.8%
2.	Peaking Supplies	2,154.4	3,335.7	1,548.312	41.080	n/a
3.	Ontario Production	366.0	35.6	97.246	2.580	n/a
4.	Chicago Supplies	1,579,607.1	203,502.2	128.831	3.418	10.1%
5.	<u>Delivered Supplies</u>	1,052,334.6	200,174.4	190.219	5.047	6.9%
6.	Niagara Supplies	1,942,159.7	218,903.7	112.711	2.990	11.9%
7.	Total Supply Costs	8,183,396.9	951,663.9	116.292	3.085	8.3%
8.13	Transportation Costs  TCPL - FT - Demand	3,393,331.8 3,393,331.8 — 8,183,396.9	260,313.4 0.0 6,403.8 21,268.5 15,433.4 3,805.2 37,254.5 10,059.3 0.0 12,535.2 5,213.0 20,708.0 18,100.7 0.0 411,094.9	- 166.527	4.418	5.5%
9.	PGVA Adjustment	_	0.0	-		
10.	Total Purchases & Receipt	8,183,396.9	1,362,758.8	166.527	4.418	-
11.	April 1, 2016 PGVA Reference Price	A Defense - Di		157.800	4.187	-
12.	Upstream Increase/Decrease on 2016 PGV			8.727	0.231	-
13.	Updated T-Service Transportation Costs	1,018,737.4	76,193.4	74.792	1.984	<u>-</u>
14.	T-Service Transportation Costs - 2016 forescasted volumes at April 1, 2016 QRAM TCPL tolls	1,018,737.4	76,193.4		1.984	-
15.	Upstream Increase on T-Service Costs			0.000	0.000	<del>-</del>

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								ENBRIDGE G Component of the P Gas Acc	ENBRIDGE GAS DISTRIBUTION INC. Component of the Purchased Gas Variance Account Gas Acquisition Costs	INC.			
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
# Particulars	ulars	Purchase Cost \$(000)	10³m³	Unit Cost \$/10 <sup>3</sup> m <sup>3</sup>	Reference Price \$/10³m³	Unit Rate Difference \$/10³m³	Monthly Variance \$(000)	Forecast Clearance April 1, 2016 QRAM \$(000)	Col. 6 minus Col. 7 \$(000)	Commodity Component \$(000)	Transportation Component \$(000)	Load Balancing Component Delivered Supplies Peaking Supplies \$(000) \$(000)	mponent eaking Supplies \$(000)
-	Jul-15	87,312.5	459,054.4 190.201	190.201	195.971	(5.770)	(2,648.6)	2,648.6					
2	Aug-15	87,682.9	447,079.9 196.124	196.124	195.971	0.153	68.4	(68.4)		•	•	•	•
3	Sep-15	81,934.2	421,680.4 194.304	194.304	195.971	(1.667)	(702.9)	702.9			٠	•	
4	Oct-15	84,261.0	438,973.9	191.950	197.965	(6.015)	(2,640.4)	2,640.4			٠		
2	Nov-15	108,831.2	537,586.8 202.444	202.444	197.965	4.479	2,407.8	(2,407.8)			٠		
9	Dec-15	108,860.0	520,511.6 209.140	209.140	197.965	11.175	5,816.7	(5,816.7)			•		
7	Jan-16	127,969.8	710,313.4 180.160	180.160	166.366	13.794	9,798.1	(9,798.1)			•		
8	Feb-16	110,983.9	634,387.8 174.946	174.946	166.366	8.580	5,443.0	(6,399.4)	(956.4)	(763.2)	4.7	(12.8)	(184.8)
თ	Mar-16	96,317.6	662,408.5	145.405	166.366	(20.961)	(13,884.7)	8,871.8	(5,012.9)	(5,009.1)	148.5	367.4	(519.6)
10	Apr-16	73,231.6	540,345.6	135.527	157.800	(22.273)	(12,035.1)		(12,035.1)	(13,537.4)	342.9	1,159.6	
11	May-16	72,666.7	591,164.0 122.921	122.921	157.800	(34.879)	(20,619.2)	•	(20,619.2)	(20,745.7)	122.2	4.5	
12	Jun-16	75,940.1	574,539.2 132.176	132.176	157.800	(25.624)	(14,722.0)		(14,722.0)	(14,722.5)	0.3		
13 Total (Lines 1 to 12)	1 to 12)	1,115,991.4	6,538,045.4 170.692	170.692			(43,718.9)	(9,626.7)	(53,345.6)	(54,777.9)	618.6	1,518.7	(704.4)
Current QRAM Period	M Period												
41	Jul-16	76,663.6	584,074.6 131.257	131.257	166.527	(35.270)	(20,600.3)	(20,600.3)					
15	Aug-16	80,075.9	588,187.1 136.140	136.140	166.527	(30.387)	(17,873.2)	(17,873.2)					
16	Sep-16	84,311.4	593,092.4 142.156	142.156	166.527	(24.371)	(14,454.3)	(14,454.3)					
17	Oct-16	100,259.3	671,365.7 149.336	149.336	166.527	(17.191)	(11,541.5)	(11,541.5)					
18	Nov-16	99,320.7	565,084.1 175.763	175.763	166.527	9.236	5,219.1	5,219.1					
19	Dec-16	136,039.5	766,406.3	177.503	166.527	10.976	8,412.1	8,412.1					
20	Jan-17	187,304.6	1,047,691.5	178.778	166.527	12.251	12,835.3	12,835.3					
21	Feb-17	167,495.1	906,501.7	184.771	166.527	18.244	16,538.2	16,538.2					
22	Mar-17	121,332.2	629,312.1 192.801	192.801	166.527	26.274	16,534.5	16,534.5					
23	Apr-17	107,734.3	612,991.5 175.752	175.752	166.527	9.225	5,654.9	5,654.9					ay
24	May-17	105,307.3	637,537.1 165.178	165.178	166.527	(1.349)	(860.0)	(860.0)					C I
25	Jun-17	96,915.0	581,152.9 166.763	166.763	166.527	0.236	135.2	135.2					OI
26 Total (Lines 14 to 25)	14 to 25)	1,362,758.8	8,183,396.8 166.527	166.527		I <b>I</b>	(0.0)	(0.0)					,

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### July 2015 to June 2016 Variances

ouly 2		Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	<u>Total</u> \$(000)	Load Balancing Ontario Delivered \$(000)	Load Balancing Peaking \$(000)
1.1	July	(2,167.0)	(483.1)	1.3	(2,648.8)	1.3	-
1.2	August	518.3	(456.2)	6.1	68.3	6.1	-
1.3	September	(527.9)	(179.7)	4.7	(703.0)	4.7	-
1.4	October	(4,921.1)	310.0	1,970.6	(2,640.5)	1,970.6	-
1.5	November	2,810.0	600.5	(1,002.7)	2,407.8	(1,002.7)	-
1.6	December	(2,338.3)	504.8	7,650.4	5,816.9	7,650.4	-
1.7	January	1,437.4	283.4	8,076.9	9,797.8	7,726.7	350.2
1.8	February	(3,899.9)	201.2	9,142.0	5,443.3	7,299.8	1,842.2
1.9	March	(14,001.4)	224.4	(107.6)	(13,884.6)	367.4	(475.0)
1.10	April	(13,537.4)	342.9	1,159.6	(12,034.9)	1,159.6	· -
1.11	May	(20,745.7)	122.2	4.5	(20,619.0)	4.5	-
1.12	June	(14,722.5)	0.3	-	(14,722.2)	-	-
		(72,095.6)	1,470.8	26,905.8	(43,719.0)	25,188.5	1,717.3

### As per April 2016 QRAM

		Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	<u>Total</u> \$(000)	Load Balancing Ontario Delivered \$(000)	Load Balancing Peaking \$(000)
2.1	July	(2,167.0)	(483.1)	1.3	(2,648.8)	1.3	-
2.2	August	518.3	(456.2)	6.1	68.3	6.1	-
2.3	September	(527.9)	(179.7)	4.7	(703.0)	4.7	-
2.4	October	(4,921.1)	310.0	1,970.6	(2,640.5)	1,970.6	-
2.5	November	2,810.0	600.5	(1,002.7)	2,407.8	(1,002.7)	-
2.6	December	(2,338.3)	504.8	7,650.4	5,816.9	7,650.4	-
2.7	January	1,437.4	283.4	8,076.9	9,797.8	7,726.7	350.2
2.8	February	(3,136.7)	196.5	9,339.7	6,399.4	7,312.6	2,027.0
2.9	March	(8,992.3)	75.9	44.6	(8,871.8)	-	44.6
2.10		-	-	-	-	-	-
2.11		-	-	-	-	-	-
2.12		-	-	-	-	-	-
	-	(17.317.7)	852.1	26.091.5	9.626.0	23.669.8	2.421.8

### Variances to be Cleared in July 2016 QRAM

	ances to be oleared in ot	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	<u>Total</u> \$(000)	Load Balancing Ontario Delivered \$(000)	Load Balancing Peaking \$(000)
3.1	July	-	-	-	-	-	-
3.2	August	-	-	-	-	-	-
3.3	September	-	-	-	-	-	-
3.4	October	-	-	-	-	-	-
3.5	November	-	-	-	-	-	-
3.6	December	-	-	-	-	-	-
3.7	January	-	-	-	-	-	-
3.8	February	(763.2)	4.7	(197.6)	(956.1)	(12.8)	(184.8)
3.9	March	(5,009.1)	148.5	(152.2)	(5,012.8)	367.4	(519.6)
3.10	April	(13,537.4)	342.9	1,159.6	(12,034.9)	1,159.6	-
3.11	May	(20,745.7)	122.2	4.5	(20,619.0)	4.5	-
3.12	June	(14,722.5)	0.3	-	(14,722.2)	-	-
		(54,777.9)	618.6	814.3	(53,345.0)	1,518.7	(704.4)

- note 1 - see Col. 6 Ex Q3-3, T1, S2, page 1

- note 2 - see Col. 7 Ex Q3-3, T1, S2, page 1

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			<u>Jul-15</u>				
<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
1.1 Ontario Delivered	(10,712.6)	1,855.8	(8,856.8)	(8,858.1)		1.3	(8,856.8)
1.2 Peaking Service							-
1.3 Ontario Production	(7.1)	(1.6)	(8.7)	(8.7)			(8.7)
1.4 Link Supplies			-				
1.5 Western Canadian - TCPL	(6,219.2)	(341.5)	(6,560.6)	(6,560.6)		-	(6,560.6)
1.6 Western Canadian - Alliance	(1,093.2)	(1,383.6)	(2,476.8)	(2,476.8)		-	(2,476.8)
1.7 Chicago Supplies	(4,339.8)	2,102.8	(2,237.0)	(2,237.0)			(2,237.0)
1.8 Niagara Supplies	-						-
1.9 Other		(483.1)	(483.1)		(483.1)		(483.1)
1.10 <b>PGVA</b>	-	17,974.3	17,974.3	17,974.3			17,974.3
	(22,371.8)	19,723.0	(2,648.8)	(2,167.0)	(483.1)	1.3	(2,648.8)

			<u>Aug-15</u>				
<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
2.1 Ontario Delivered	(10,433.4)	37.3	(10,396.2)	(10,402.2)		6.1	(10,396.2)
2.2 Peaking Service		-					
2.3 Ontario Production	(10.8)	-	(10.8)	(10.8)			(10.8)
2.4 Link Supplies		-		-		-	-
2.5 Western Canadian - TCPL	(1,074.2)	633.7	(440.5)	(440.5)		-	(440.5)
2.6 Western Canadian - Alliance	(2,915.6)	(473.0)	(3,388.6)	(3,388.6)		-	(3,388.6)
2.7 Chicago Supplies	(8,763.8)	2,432.3	(6,331.5)	(6,331.5)			(6,331.5)
2.8 Niagara Supplies		-		-			
2.9 Other		(456.2)	(456.2)		(456.2)		(456.2)
2.10 <b>PGVA</b>	-	21,092.0	21,092.0	21,092.0			21,092.0
	(23,197.8)	23,266.0	68.3	518.3	(456.2)	6.1	68.3

			<u>Sep-15</u>				
<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
3.1 Ontario Delivered	(10,434.9)	23.7	(10,411.2)	(10,415.9)		4.7	(10,411.2
3.2 Peaking Service			-				
3.3 Ontario Production	(10.5)	-	(10.5)	(10.5)		-	(10.5
3.4 Link Supplies			-	-			
3.5 Western Canadian - TCPL	(5,968.8)	605.8	(5,363.0)	(5,363.0)			(5,363.0
3.6 Western Canadian - Alliance	(615.2)	(1,567.9)	(2,183.2)	(2,183.2)			(2,183.2
3.7 Chicago Supplies	(6,823.4)	1,700.4	(5,122.9)	(5,122.9)		-	(5,122.9
3.8 Niagara Supplies	-			-			-
3.9 Other	-	(179.7)	(179.7)	-	(179.7)		(179.7
.10 PGVA	-	22,567.6	22,567.6	22,567.6			22,567.6
	(23,852.8)	23,149.8	(703.0)	(527.9)	(179.7)	4.7	(703.0

			Oct-15				
<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
4.1 Ontario Delivered	(13,862.7)	1,970.1	(11,892.6)	(13,863.2)		1,970.6	(11,892.6)
4.2 Peaking Service							
4.3 Ontario Production	(10.9)	(0.2)	(11.0)	(11.0)			(11.0)
4.4 Link Supplies							
4.5 Western Canadian - TCPL	(6,114.4)	(2,764.0)	(8,878.4)	(8,878.4)			(8,878.4)
4.6 Western Canadian - Alliance	(642.5)	(1,920.8)	(2,563.3)	(2,563.3)			(2,563.3)
4.7 Chicago Supplies	(7,138.4)	404.6	(6,733.8)	(6,733.8)			(6,733.8)
4.8 Niagara Supplies							- 1
4.9 Other		310.0	310.0		310.0		310.0
4.10 <b>PGVA</b>	-	27,128.7	27,128.7	27,128.7			27,128.7
	(27,768.9)	25,128.4	(2,640.5)	(4,921.1)	310.0	1,970.6	(2,640.5)

			<u>Nov-15</u>				
<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
5.1 Ontario Delivered	-	(1,002.7)	(1,002.7)	-		(1,002.7)	(1,002.7)
5.2 Peaking Service						-	
5.3 Ontario Production	(10.6)	(0.2)	(10.8)	(10.8)			(10.8)
5.4 Link Supplies		-	-				
5.5 Western Canadian - TCPL	47,852.2	(5,363.8)	42,488.4	42,488.4			42,488.4
5.6 Western Canadian - Alliance	(861.9)	(4,235.7)	(5,097.6)	(5,097.6)			(5,097.6)
5.7 Chicago Supplies	(23,843.9)	1,101.1	(22,742.7)	(22,742.7)			(22,742.7)
5.8 Niagara Supplies	(21,580.9)		(21,580.9)	(21,580.9)			(21,580.9)
5.9 Other		600.5	600.5		600.5		600.5
5.10 <b>PGVA</b>	-	9,753.5	9,753.5	9,753.5			9,753.5
	1,555.0	852.8	2,407.8	2,810.0	600.5	(1,002.7)	2,407.8

				<u>Dec-15</u>				
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
6.1 Ontari	o Delivered	(21,977.2)	13,264.8	(8,712.4)	(16,362.8)		7,650.4	(8,712.4
6.2 Peakir	ng Service							-
6.3 Ontari	o Production	(11.3)		(11.3)	(11.3)			(11.3)
6.4 Link S	upplies			-	-			-
6.5 Weste	rn Canadian - TCPL	35,479.2	(10,994.7)	24,484.5	24,484.5			24,484.5
6.6 Weste	rn Canadian - Alliance		2,868.0	2,868.0	2,868.0			2,868.0
6.7 Chica	go Supplies	(8,275.1)	(1,705.8)	(9,980.9)	(9,980.9)			(9,980.9)
6.8 Niaga	ra Supplies	(24,069.2)		(24,069.2)	(24,069.2)			(24,069.2)
6.9 Other			504.8	504.8		504.8		504.8
.10 <b>PGVA</b>		-	20,733.4	20,733.4	20,733.4			20,733.4
		(18,853.6)	24,670.5	5,816.9	(2,338.3)	504.8	7,650.4	5,816.9

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			<u>Jan-16</u>				
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
.1 Ontario Delivered	(62,387.6)	7,718.9	(54,668.8)	(62,395.5)		7,726.7	(54,668.8)
.2 Peaking Service	(1,270.8)	350.2	(920.6)	(1,270.8)		350.2	(920.6)
.3 Ontario Production	(5.5)	-	(5.5)	(5.5)		-	(5.5)
.4 Link Supplies		-	-	- 1		-	
.5 Western Canadian - TCPL	21,741.3	(1,313.9)	20,427.4	20,427.4		-	20,427.4
.6 Western Canadian - Alliance	242.8	(144.0)	98.8	98.8		-	98.8
.7 Chicago Supplies	(4,273.1)	638.3	(3,634.9)	(3,634.9)		-	(3,634.9)
.8 Niagara Supplies	(600.0)	688.6	88.6	88.6		-	88.6
.9 Other	-	283.4	283.4	-	283.4		283.4
10 PGVA	-	48,129.2	48,129.2	48,129.2			48,129.2
	(46,553.0)	56,350.7	9,797.8	1,437,4	283.4	8,076.9	9,797.8

				<u>Feb-16</u>				
	<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
2.1	Ontario Delivered	(49,813.1)	7,283.7	(42,529.3)	(49,829.1)		7,299.8	(42,529.3)
2.2	Peaking Service	-	1,842.2	1,842.2	-		1,842.2	1,842.2
2.3	Ontario Production	(5.2)	-	(5.2)	(5.2)		-	(5.2)
2.4	Link Supplies		-	-	- 1		-	
2.5	Western Canadian - TCPL	20,326.0	(8,166.0)	12,160.1	12,160.1		-	12,160.1
2.6	Western Canadian - Alliance	164.7	(41.6)	123.0	123.0		-	123.0
2.7	Chicago Supplies	(9,100.8)	18.5	(9,082.4)	(9,082.4)		-	(9,082.4)
2.8	Niagara Supplies	(523.1)	(2,344.8)	(2,867.9)	(2,867.9)		-	(2,867.9)
2.9	Other		201.2	201.2		201.2	-	201.2
2.10	PGVA	-	45,601.6	45,601.6	45,601.6			45,601.6
		(38,951.5)	44,394.8	5,443.3	(3,899.9)	201.2	9,142.0	5,443.3

				<u>Mar-16</u>				
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
3.1	Ontario Delivered	-	1,079.9	1,079.9	712.5		367.4	1,079.9
3.2	Peaking Service	-	(475.0)	(475.0)	-		(475.0)	(475.0)
3.3	Ontario Production	(5.5)	-	(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	-	-	3,249.4
3.6	Western Canadian - Alliance	186.5	(675.8)	(489.3)	(489.3)		-	(489.3)
3.7	Chicago Supplies	(12,280.3)	(247.8)	(12,528.0)	(12,528.0)		-	(12,528.0)
3.8	Niagara Supplies	(488.8)	(7,143.1)	(7,631.8)	(7,631.8)		-	(7,631.8)
3.9	Other	· - ·	224.4	224.4		224.4		224.4
3.10	PGVA	-	2,691.4	2,691.4	2,691.4			2,691.4
		9,299.3	(23,183.9)	(13,884.6)	(14,001.4)	224.4	(107.6)	(13,884.6)

				<u>Apr-16</u>				
	Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
4.1	Ontario Delivered	-	1,015.5	1,015.5	(144.1)		1,159.6	1,015.5
4.2	Peaking Service	-	-	-			-	-
4.3	Ontario Production	(2.0)	-	(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)	-	-	(12,278.9)
4.6	Western Canadian - Alliance	117.5	(335.2)	(217.7)	(217.7)		-	(217.7)
4.7	Chicago Supplies	(718.1)	(493.4)	(1,211.5)	(1,211.5)		-	(1,211.5)
4.8	Niagara Supplies	(2,901.3)	(904.7)	(3,806.0)	(3,806.0)		-	(3,806.0)
4.9	Other	-	342.9	342.9	-	342.9	-	342.9
4.10	PGVA	-	4,122.8	4,122.8	4,122.8		-	4,122.8
		(10,217.9)	(1,817.0)	(12,034.9)	(13,537.4)	342.9	1,159.6	(12,034.9)

			<u>May-16</u>				
<u>Supplies</u>	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
5.1 Ontario Delivered	-	22.3	22.3	17.9		4.5	22.3
5.2 Peaking Service	-	-	-	-		-	-
5.3 Ontario Production	(2.0)	-	(2.0)	(2.0)		-	(2.0)
5.4 Link Supplies	-	-	-	-		-	-
5.5 Western Canadian - TCPL	(6,307.3)	(6,169.6)	(12,476.9)	(12,476.9)	-	-	(12,476.9)
5.6 Western Canadian - Alliance	143.4	(549.8)	(406.5)	(406.5)		-	(406.5)
5.7 Chicago Supplies	(433.9)	(760.1)	(1,194.0)	(1,194.0)		-	(1,194.0)
5.8 Niagara Supplies	(213.1)	(1,214.5)	(1,427.6)	(1,427.6)		-	(1,427.6)
5.9 Other	-	122.2	122.2	-	122.2		122.2
5.10 <b>PGVA</b>	-	(5,256.5)	(5,256.5)	(5,256.5)			(5,256.5)
	(6,813.0)	(13,806.1)	(20,619.0)	(20,745.7)	122.2	4.5	(20,619.0)

			<u>Jun-16</u>				
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amoun
.1 Ontario Delivered	-	2,390.3	2,390.3	2,390.3		_	2,390.
.2 Peaking Service	-	-	-	-		-	-
.3 Ontario Production	(0.0)	(0.1)	(0.1)	(0.1)		-	(0.
.4 Link Supplies	-	-	-	-		-	-
.5 Western Canadian - TCPL	(1,020.0)	(4,634.2)	(5,654.1)	(5,654.1)	-	-	(5,654
6 Western Canadian - Alliance	(0.0)	(385.7)	(385.7)	(385.7)		-	(385.
7 Chicago Supplies	(0.0)	(759.1)	(759.1)	(759.1)		-	(759
8 Niagara Supplies	0.0	(1,369.8)	(1,369.8)	(1,369.8)		-	(1,369
9 Other	-	0.3	0.3	-	0.3		0
0 PGVA	-	(8,943.9)	(8,943.9)	(8,943.9)			(8,943
	(1,020.0)	(13,702.2)	(14,722.2)	(14,722.5)	0.3	-	(14,722

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(1) as per EB-2014-0348 Ex. Q1-3, Tab 4, Schedule 8 page 12 of 16 (2) as per EB-2015-0027 Ex. Q2-3, Tab 4, Schedule 8 page 12 of 16 (3) as per EB-2015-0163 Ex. Q3-3, Tab 4, Schedule 8 page 12 of 16 (4) as per EB-2015-024 Ex. Q4-3, Tab 4, Schedule 8 page 12 of 16 (5) as per EB-2015-027 Ex. Q1-3, Tab 4, Schedule 8 page 12 of 16 (6) Rider C (Over)/Under Clearance

				ENBRIDGE ( True-up of Pro Gas Acquisitio	ENBRIDGE GAS DISTRIBUTION INC. True-up of Prospective Clearing Amounts Gas Acquisition - Commodity Component	IC. unts nent				
	Col.1	Col.2	Col.3	Col. 4 C	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	
	Year 2015				Year 2016					
em # Particulars	Jan Q1 \$(000)	Apr Ω2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	\$(000)	
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:										
Forecast Recovery Amount 1 January 2015 GRAM 2 April 2015 GRAM 3 July 2015 GRAM 4 October 2015 GRAM 5 January 2016 GRAM	18,380.5 n/a n/a n/a	7,507.8 (13,314.5) n/a n/a	2,571.8 (4,561.0) (5,557.6) n/a n/a	9,059.7 (16,066.7) (1,903.8) 816.9	n/a (32,596.3) (13,606.0) 1,657.3 (3,592.8)	n/a n/a (6,706.4) 676.9 (1,496.5)	n/a n/a n/a 231.9 (553.5)	n/a n/a n/a n/a (1,807.2)	37,519.9 (66,538.4) (27,773.8) 3,382.9 (7,450.0)	58836
6 Total Forecast Recovery Amount	18,380.5	(5,806.7)	(7,546.7)	(8,093.9)	(48,137.9)	(7,526.0)	(321.6)	(1,807.2)	(60,859.5)	
Actual Recovery Amount 7 January 2015 QRAM 8 April 2015 QRAM 9 July 2015 QRAM 10 October 2016 QRAM 11 January 2016 QRAM					(29.498.4) (12,312.9) 1.499.8 (3,070.9)					
12 Total Actual Recovery Amount					(43,382.5)					
13 (Over Collection)/Under Collection					(4,755.3)				(4,755.3)	(9)

Item # Particulars

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			ENBRIDGE C True-up of Pro Gas Acquisition	ENBRIDGE GAS DISTRIBUTION INC. True-up of Prospective Clearing Amounts Gas Acquisition - Transportation Component	ION INC. g Amounts Component					
	Col. 1	Col. 2	Col. 3	Col. 4 Co	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	
	Year 2015				Year 2016					
# Particulars	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	\$(000)	
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:										
Forecast Recovery Amount 1 January 2015 QRAM	867.3	362.8	131.9	433.9	n/a	n/a	n/a	n/a	1,795.8	Ξ
2 April 2015 QRAM 3 July 2015 QRAM 3 July 2015 QRAM	n/a n/a	1,961.1 n/a	712.7 (84.4)	(30.7)	4,687.3 (100.9)	n/a (201.7)	n/a n/a	n/a n/a	9,705.9 (417.6)	0.65
4 October 2015 Ort AM 5 January 2016 QRAM	n/a n/a	n/a n/a	n/a n/a	(123.1) n/a	(246.1) 595.3		(37.4)	304.1	(503.5) 1,254.1	(5)
6 Total Forecast Recovery Amount	867.3	2,323.9	760.2	2,625.0	4,935.6	(20.0)	62.7	304.1	11,828.7	
Actual Recovery Amount 7 January 2015 QRAM 8 April 2015 QRAM 9 July 2015 QRAM 10 October 2015 QRAM 11 January 2016 QRAM					4,456.4 (191.8) (233.9) 540.7					
12 Total Actual Recovery Amount					4,571.4					
13 (Over Collection)/Under Collection					364.2				364.2	(9)

Actual Recovery Amount
7 January 2015 GRAM
8 April 2015 GRAM
9 July 2015 GRAM
10 October 2015 GRAM
11 January 2016 GRAM

Item # Particulars

<sup>(1)</sup> as per EB-2014-0348 Ex. Q1-3, Tab 4, Schedule 8 page 13 of 16 (2) as per EB-2015-0027 Ex. Q2-3, Tab 4, Schedule 8 page 13 of 16 (3) as per EB-2015-0163 Ex. Q3-3, Tab 4, Schedule 8 page 13 of 16 (4) as per EB-2015-025 Ex. Q4-3, Tab 4, Schedule 8 page 13 of 16 (5) as per EB-2015-0327 Ex. Q1-3, Tab 4, Schedule 8 page 13 of 16 (6) Rider C (Over)/Under Clearance

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(9)

(4,487.8)

(4,487.8)(38,695.6)

ENBRIDGE GAS DISTRIBUTION INC.	True-up of Prospective Clearing Amounts
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			Gas Acquisition - Load Balancing Component	- Load Balancir	ig Component					
	Col. 1	Col. 2	Col. 3	Col. 4 (	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	
	Year 2015				Year 2016					
Item # Particulars	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	\$(000)	
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:										
Forecast Recovery Amount 1 January 2015 QRAM 2 April 2015 QRAM	7,257.1 n/a	3,064.1 (15,107.6)	1,102.0 (5,451.7)	3,616.8 (17,833.8)	n/a (35,736.4)	n/a n/a	n/a n/a	n/a n/a	15,040.0 (74,129.6)	(2)
3 July 2015 QRAM 4 October 2015 QRAM	n/a n/a	n/a n/a	(3,787.3) n/a	(1,350.5) 1,710.5	(8,997.1) 3,437.9	(4,469.6) 1,449.3	n/a 549.0	n/a n/a	(18,604.5) 7,146.6	® <del>€</del>
5 January 2016 QRAM	n/a	n/a	n/a	n/a	(1,887.7)	(806.1)	(305.0)	(947.2)	(3,946.0)	(2)
6 Total Forecast Recovery Amount	7,257.1	(12,043.5)	(8,137.0)	(13,857.0)	(43,183.3)	(3,826.5)	244.0	(947.2)	(74,493.5)	
Actual Recovery Amount 7 January 2015 QRAM 8 April 2015 QRAM 9 July 2015 QRAM 10 October 2015 QRAM 11 January 2016 QRAM					(32,026.3) (8,092.7) 3,088.6 (1,665.1)					

13 (Over Collection)/Under Collection 12 Total Actual Recovery Amount

<sup>(1)</sup> as per EB-2014-0348 Ex. Q1-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16 (2) as per EB-2015-0027 Ex. Q2-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16 (3) as per EB-2015-0183 Ex. Q3-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16 (4) as per EB-2015-0242 Ex. Q4-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16 (5) as per EB-2015-0327 Ex. Q1-3, Tab 4, Schedule 8 page 14, 15 and 16 of 16 (6) Rider C (Over)/Under Clearance

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(2,876.0)

27 Total (Lines 13 plus 26)

## 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
	Reference Price \$/10³m³	Unit Rate Difference \$/10³m³	10³m³	Total Variance Col.2 times Col. 3 \$(000)	Forecast Clearance January 1, 2016 QRAM \$(000)	Col. 4 minus Col. 5 \$(000)
Jul-15 Aug-15 Sep-15	195.971	(1.204)	1,999,414.2	(2,407.3)	2,407.3	
Oct-15 Nov-15 Dec-15	197.965	(1.994)	2,811,329.5	(5,605.8)	5,605.8	•
Jan-16 Feb-16 Mar-16	166.366	31.599	2,279,090.8	72,017.0	(72,017.0)	•
Apr-16 May-16 Jun-16	157.800	8.566	934,319.3	8,003.4	(5,389.0)	2,614.4
			· ·	72,007.3	(69,392.9)	2,614.4
Jul-16 Aug-16 Sep-16	166.527	(8.727)	629,118.6	(5,490.3)		
Oct-16 Nov-16 Dec-16						
Jan-17 Feb-17 Mar-17						
Apr-17 May-17 Jun-17						
		1 11		(5,490.3)	0.0	(5,490.3)

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ENBRIDGE GAS DISTRIBUTION INC. True-up of Prospective Clearing Amounts	
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			ENB True-u	ENBRIDGE GAS DISTRIBUTION INC. True-up of Prospective Clearing Amounts Gas in Inventory Re-valuation	RIBUTION INC. learing Amounts					
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	
	Year 2015				Year 2016					
# Particulars	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	\$(000)	
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:										
Forecast Recovery Amount 1 January 2015 QRAM 2 April 2015 QRAM 3 July 2015 QRAM 4 October 2015 QRAM 5 January 2016 QRAM	(7,673.4) n/a n/a n/a n/a	(3,120.2) 515.4 r/a r/a r/a	(1,049.7) 173.4 3,340.3 n/a	(3,768.9) 622.6 1,123.8 (1,293.8) n/a	n/a 1,267.5 8,214.7 (2,634.1) 28,453.7	n/a n/a 4,034.8 (1,071.1) 11,795.0	n/a n/a n/a (385.3) 4,295.5	n/a n/a n/a n/a 14,262.1	(15,612.2) 2,578.9 16,713.6 (5,384.3) 58,806.3	£ £ £ £ £
6 Total Forecast Recovery Amount	(7,673.4)	(2,604.8)	2,463.9	(3,316.4)	35,301.8	14,758.8	3,910.2	14,262.1	57,102.4	
Actual Recovery Amount 7 January 2015 QRAM 8 April 2015 QRAM 9 July 2015 QRAM 10 October 2015 QRAM 11 January 2016 QRAM					- 1,154.4 7,481.4 (2,399.0) 24,499.9					
12 Total Actual Recovery Amount					30,736.8					
13 (Over Collection)/Under Collection					4,565.1				4,565.1	(2)

<sup>(1)</sup> as per EB-2014-0348 Ex. Q1-3, Tab 4, Schedule 8, page 11 of 16 (2) as per EB-2015-0027 Ex. Q2-3, Tab 4, Schedule 8, page 11 of 16 (3) as per EB-2016-00163 Ex. Q3-3, Tab 4, Schedule 8 page 11 of 16 (3) as per EB-2016-0242 Ex. Q4-3, Tab 4, Schedule 8 page 11 of 16 (5) Rider C (Over)/Under Clearance

Actual Recovery Amount
7 January 2015 GRAM
8 April 2015 GRAM
9 July 2015 GRAM
10 October 2015 GRAM
11 January 2016 GRAM

Item # Particulars

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### **MONTHLY PRICING INFORMATION**

	Col. 1 21 Day	Col. 2	Col. 3	Col. 4	Col. 5
	Average	21 Day	21 Day	21 Day	\$CAD/10 <sup>3</sup> m <sup>3</sup>
	Empress	Average	Average	Average	Equivalent
	CGPR	NYMEX	Chicago	US Exchange	(Note 1)
_	\$CAD/GJ	\$US/MMBtu	\$US/MMBtu	\$CAD/\$US	
Jul-16	1.6371	2.2184	2.1833	1.2973	
Aug-16	1.7716	2.3039	2.2613	1.2971	
Sep-16	1.9046	2.3503	2.2924	1.2971	
Oct-16	2.1024	2.4323	2.4159	1.2971	
Nov-16	2.4025	2.6412	2.7050	1.2970	
Dec-16	2.7295	2.9350	3.0507	1.2970	
Jan-17	2.8331	3.0653	3.2849	1.2968	
Feb-17	2.8349	3.0588	3.2870	1.2967	
Mar-17	2.7833	3.0149	3.1052	1.2966	
Apr-17	2.5770	2.8254	2.8426	1.2964	
May-17	2.5493	2.8165	2.7629	1.2962	
Jun-17	2.5541	2.8489	2.7519	1.2960	
	2.3900	2.7092	2.7453	1.2968	90.0777
TCPL Fuel Ratio	0	4.11%			93.7772

(Note 1)  $CAD/10^3 m^3 = CAD/GJ * 37.69 Mj/m3$ 

21 Day Period 3-May-16 to 31-May-16

### Natural Gas Conversions

 $mcf times 0.028328 = 10^3 m^3$ 

1 Dth = 1 mcf

MMBtu times 1.055056 = GJ's

 $\mbox{mcf divided by } .028328 = \mbox{$10^3$m}^3$ 

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

 $J/m^3 = 10^3 \text{ m}^3$ 

Enbridge Gas Distribution Inc. assumes a heat content of 37.69 Mj/m<sup>3</sup>

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2013	\$(000's)	2014	4 \$(000's)	2	015 \$(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 - Est	60.0
June	215.7	June	349.1	June	716.4	June	
July	242.3	July	643.7	July	737.7	July	
August	251.4	August	542.0	August	730.5	August	
September	222.8	September	686.8	September	690.6	September	
October	230.8	October	523.4	October	746.4	October	
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		300.1

note - Ex Q3-3, T1, S1, page 2 references Extraction Revenue of \$3.3 million this is based upon the monthly amounts from above for the months of July 2015 to May 2016

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### Annualized Impact of July 1, 2016 Quarterly Rate Adjustment on the Company's F2016 Test Year Revenue Requirement

			Col.1	Col.2	Col. 3		Col. 4
Line No.	Impact of cost change on utility operations	N O T E	Exhibit Reference	Volume	Change in Unit Rates	N O T E	Quarterly Rate Adjustment Impact
	Item Numbers			$(10^3  \text{M}^3)$	$($/10^3 \text{ M}^3)$		(\$000)
1.	Forecast volumes from EB-2015-0114 (4.1, 4.2, 4.3, & 4.6)	В	D1.T2.S4.p2	7 875 316.1	8.727	Α	68,727.9
2.	Forecast Company use volume (4.7)	В	D1.T2.S4.p2	7 785.0	8.727	Α	67.9
3.	Forecast unbilled and unaccounted for volume (4.8 & 4.9)	В	D1.T2.S4.p2	100 618.0	8.727	Α	878.1
4.	Forecast lost and unaccounted for volume (4.11)	В	D1.T2.S4.p2	20 365.4	8.727	Α_	177.7
5.	EB-2015-0114 approved utility gas cost volume - excluding T-serv	vice	=	8 004 084.5			
6.	Gross upstream pass-on of change in purchase cost of gas				(\$000)		69,851.6
7. 8.	Updated T-service transportation costs T-service transportation costs within EB-2016-0021		Q3-3.T1.S1, item 13 Q3-3.T1.S1, item 14		76,193.4 76,193.4	_	<u>-</u>
9.	Total impact of upstream pass-on change in purchase cost of gas						69,851.6
10.	Impact on carrying cost requirement as a result of upstream pass-on impact on rate base		Q3-3.T2.S2			_	1,058.0
11.	Increase (decrease) in revenue requirement					=	70,909.6
13.	Note: A PGVA reference price as examined in this proceeding PGVA reference price approved in EB-2016-0021 Change in price		Q3-3.T1.S1, item 10 Q3-3.T1.S1, item 11	Docket No. EB-2016-0184 EB-2016-0184	166.527 157.800 8.727		

### Note: B

<sup>15.</sup> Board approved 2016 volumes are from Exhibit D1, Tab 2, Schedule 4, page 2, Filed: 2015-09-28, within EB-2015-0114, and amended as a result of the Settlement Agreement approved as part of the Decision and Interim Rate Order, Dated: December 10, 2015.

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### Annualized Impact of July 1, 2016 Quarterly Rate Adjustment on Rate Base and its Associated <u>Gross Carrying Cost</u>

Col.1 Col.2 Col.3

Line No.		Exhibit Reference		
	, , , , , , , , , , , , , , , , , , ,			(\$000)
1.	Effect on gas in storage of the pass-on			
	of the gas purchase unit rate change	Q3-3.T2.S5	1 595 786.8	
2.	Gas purchase unit rate change applied to the volume of gas in storage	Q3-3.T1.S1	\$8.727	13,926.4
3.	Effect on working cash allowance of the upstream pass-	on _		
3.1	a) Net change in purchase cost of gas	Q3-3.T2.S1	\$69,851.6	
3.2	b) Net lag-days calculated	Q3-2.T3.S1.p1	2.4	
3.3	c) Dollar days		167,643.8	
3.4	d) Number of operating days	_	365	459.3
4.	Effect on the Harmonized Sales Tax of the upstream pass-on	Q3-2.T3.S1.p1		(482.5)
5.	Change in Rate Base			13,903.2
6.	Gross return component	Q3-3.T2.S3		7.61%
7.	Effect on carrying cost requirement			1,058.0

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

		Col.1	Col.2	Col.3	Col.4	Col.5
Line No.		Capital Structure Component	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	61.41	4.96	3.05		3.05
2.	Short-term debt	0.86	1.57	0.01		0.01
3.	Tax shielded	62.27		3.06		3.06
	5 (	4.70	0.40	0.04	0.7050	0.05
4.	Preference shares	1.73	2.16	0.04	0.7350	0.05
5.	Common equity	36.00	9.19	3.31	0.7350	4.50
6.	Non tax shielded	37.73		3.35		4.55
7.		100.00		6.40		7.61

Note 1: The source for Columns 1 to 3 is the cost of capital found in the EB-2015-0049, Decision and Rate Order, Appendix A, Schedule 2, Page 7, Columns 2 to 4, Dated: 2016-05-12, as explained at Exhibit Q3-2, Tab 2, Schedule 1, paragraph 5.

Note 2: The Board Approved 2016 corporate income tax rate of 26.5% is to be used within the gross return calculation for 2016.

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### **Calculation of the Inventory Adjustment**

		Col.1	Col.2
Line No.		Exhibit Reference	
1.	Forecast inventory balance at June 30, 2016 (10 <sup>3</sup> M <sup>3</sup> )	Q3-3.T2.S5	1 298 654.6
2.	Gas purchase unit rate change applied to the forecast of	Q0-0.12.00	1 200 004.0
	June 30, 2016 inventory volume (\$/10 <sup>3</sup> M <sup>3</sup> )	Q3-3.T1.S1	\$8.727
3.	Inventory adjustment (\$000)		\$11,333.4

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

		Col.1
Line No.		Gas In Storage
Mont	th end balances except @ January 1	$(10^3 \text{ M}^3)$
1.	January 1	1 817 374.6
2.	January	1 444 888.4
3.	February	1 092 517.3
4.	March	629 118.6
5.	April	631 781.4
6.	May	942 232.8
7.	June	1 298 654.6
8.	July	1 683 818.5
9.	August	2 074 329.1
10.	September	2 429 202.5
11.	October	2 646 253.2
12.	November	2 376 139.8
13.	December	1 983 635.5
14.	Average of monthly averages	1 595 786.8

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

		COL. 1	COL. 2	COL. 3
		TOTAL	ANNUAL	SEASONAL <u>SPACE</u>
	IMPACT ON RETURN ON RATE BASE			
<del>-</del>	GAS IN INVENTORY	13.93	0.00	13.93
7. T. S. T. S.	GAS COSTS WORKING CASH HST WORKING CASH	0.46 (0.49)	0.46 (0.49)	0.00
		!		-
<del>-</del> -	TOTAL RATE BASE IMPACT	13.90	(0.03)	13.93
	<u>RETURN AT 7.61%:</u>			
2.1	GAS COST	1.06	(0.00)	1.06
2	TOTAL IMPACT OF RETURN ON RATE BASE	1.06	(0.00)	1.06
ო	TOTAL COST OF SERVICE IMPACT	1.06	(00.0)	1.06

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T RA	BY CUSTOMER CLASS	(\$millions)
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	COL. 14	FACTORS <u>Q3-3.3.4</u>		11	3.7	1.2	1.4	3.1			1.1	Ž.		1.1	3.1	1.2	1.4	3.2	3.1										Schedule 2 Page 1 of 1
	COL. 13 CC	300 Q3						0.00	8			8   00		00	8 8	8	00 5	8 8	0.00	00		00	8 8	8 8	88	8 8 8	00:00	8	
				0.0	öö	0.0	ö ö	i ö l	Ö					0.0	ö ö	0.0	0.0	ö ö	i ö'	0		0.	ö ö	Ö	ö ö	6 6	i ö	0.0	
	COL. 12	RATE 200		0.58	0.0	0.49	0.01	0.00	1.19		(0.00)	0.02		0.58	0.03	0.49	0.01	0.02	0.00	1.20		4.52	0.03	2.97	0.07	0.01	8.25	3.73	
	COL. 11	RATE <u>170</u>		0.15	0.00	0.27	0.02	0.00	0.49		(0.00)	0.01		0.15	0.00	0.27	0.02	0:00	0.00	0.50		4.52	0.00	2.97	0.07	0.00	7.73	3.21	
	COL. 10	RATE <u>145</u>		0.05	0.00	0.07	0.01	0:00	0.16		(0.00)	0:00		0.05	0.00	0.07	0.01	0.00	0:00	0.16		4.52	0.00	2.97	0.07	0.01	7.92	3.40	
	6 .TOO	RATE <u>135</u>		0.02	0.0	0.09	00:0	0.00	0.11		(0.00)	(0:00)		0.02	00:0	0.09	0.00	0.00	0.00	0.11		4.52	0.00	2.97	0.07	0.00	7.56	3.04	
	COL. 8	RATE <u>125</u>		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00		0.00	00.0	0.00	0.00	0.00	0.00	0.00		0.00	00.0	0.00	00.0	0.00	0.00	0.00	
	COL. 7	RATE <u>115</u>		0.00	0.00	90:0	0.04	0.00	0.13		0.00	0.00		0.00	0.00	90:0	0.04	0.00	0.00	0.13		0.00	0.00	2.97	0.07	00:0	3.10	3.10	
(2)	COL. 6	RAТЕ 110		0.37	0.00	0.73	0.05	0.00	1.25		(0.00)	0.0		0.37	00:0	0.73	0.05	0:00	0.00	1.26		4.52	0.01	2.97	0.07	0.00	7.72	3.20	
	COL. 5	RATE <u>100</u>		0.00	0.00	0.00	00.0	0.00	0.00		0.00	0.00		0.00	00:0	00:0	0.00	0.00	0.00	0.00		0.00	00:0	00:00	0.00	0.00	0.00	0.00	
	COL. 4	RATE 9		0.00	0.00	0.00	00:0	0:00	0.00		(0.00)	0:00		0.00	0.00	0.00	0.00	0.00	0:00	0.00		4.52	0.00	2.97	0.07	0.00	7.57	3.05	
	COL. 3	RATE <u>6</u>		14.02	2.89	10.95	0.33	0.00	28.54		(0.00)	0.49		14.02	0.27	10.95	0.33	0.49	0.00	29.03		4.52	90:0	2.97	0.07	0.02	8.34	3.82	
	COL. 2	RATE 1		20.37	3.06	13.78	0.34	0.00	37.97		(0.00)	0.52		20.37	3.06	13.78	0.34	0.52	0.00	38.49		4.52	0.07	2.97	0.07	0.02	8.38	3.87	
	COL. 1	TOTAL		35.56	6.24	26.45	0.81	0.00	69.84		(0.00)	1.06		35.56	0.62	26.45	0.81	1.06	0.00	70.90		4.52	0.05	2.97	0.07	0.01	8.26	3.74	LVERIES
			ALLOCATION OF O&M COSTS		3 PIPELINE SEASONAL		5 DISTRIBUTION COMMODITY 5 SPACE		TOTAL	ALLOCATION OF RETURN AND TAXES	ANNUAL COMMODITY SEASONAL SPACE		TOTAL		PIPELINE PEAK PIPELINE SEASONAL			S SEASONAL SPACE SPACE		TOTAL	UNIT RATE CHANGE (\$ per 10°m³)		PIPELINE PEAK PIPELINE SEASONAL		S DISTRIBUTION COMMODITY S SEASONAL SPACE			) TOTAL T-SERVICE	ITEM 3.1 = ITEM 1.1 + ITEM 2.1 ITEM 3.2 = ITEM 1.2 ITEM 3.3 = ITEM 1.3 ITEM 3.5 = ITEM 1.4 ITEM 3.5 = ITEM 1.4 ITEM 3.5 = ITEM 1.5 ITEM 3.5 = ITEM 1.6 ITEM 3.5 = ITEM 1.6 ITEM 3.5 = ITEM 1.6 ITEM 3.5 = ITEM 3.2BUNDLED ANNUAL DELIVERIES ITEM 4.5 = ITEM 3.2BUNDLED ANNUAL DELIVERIES ITEM 4.5 = ITEM 3.2BUNDLED ANNUAL DELIVERIES ITEM 4.5 = ITEM 3.5BUNDLED ANNUAL DELIVERIES ITEM 4.8 = ITEM 3.5BUNDLED ANNUAL DELIVERIES
				<del>-</del> .	<u>i</u> τ.	4.1	7. 7.	1.7	-		2.1	2 5		3.1	9 9 9 9	3.4	3.5	3.6	3.8	ю.		4.1	4 4 2 6	4.4	4.5 6.5	7.4	5.0	0.9	

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		Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Col.9	Col. 10
		•	Functional Allocation	location	l	Transmiss	Transmission and Compression	pression		Pool Storage	
Item No.	Item <u>No.</u> Description	Total	<u>1/C</u>	Pool	Classification <u>Factor</u>	Annual <u>Demand</u>	Daily <u>Demand</u>	Commodity	Annual <u>Demand</u>	Daily <u>Demand</u>	Commodity
~	Change in Cost of Lost and Unaccounted for Volume (\$000)	177.7	%69	31%	100% Commodity	0.0	0.0	122.6	0.0	0.0	55.1
2	2. Forecasted Gas Volumes (103 m³)	n/a				2,799,104	46,446	5,252,601	2,637,104	43,611	4,928,601
6.	3. Unit cost - Annual (\$/10³ m³)	n/a				0.0000	0.000	0.0233	0.0000	0.0000	0.0112

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### 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	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE
	TOTAL	<b>~</b> I	<b>૭</b> Ι	വ	100	110	115	125	135	145	170	<u>200</u>	300
1.1 ANNUAL SALES	7,875.3	4,510.5	3,104.9	0.5	0.0	81.3	0.0	0.0	3.8	11.2	34.1	129.1	0.0
1.2 BUNDLED TRANSPORTATION DELIVERIES	8,894.5	4,633.1	3,682.2	0.5	0.0	246.8	21.7	0.0	30.9	24.2	90.0	165.1	0.0
1.3 BUNDLED ANNUAL DELIVERIES	11,529.6	4,869.3	4,795.0	0.5	0.0	703.3	517.1	0.0	59.3	9.88	325.7	170.8	0.0
1.4 TOTAL ANNUAL DELIVERIES	11,529.6	4,869.3	4,795.0	0.5	0.0	703.3	517.1	0.0	59.3	9.88	325.7	170.8	0.0
3.1 DELIVERABILITY	57.7	31.8	24.8	0.0	0.0	9.0	0.1	0.0	0.0	0.0	0.0	0.5	0.0
3.2 SPACE	2,754.6	1,353.3	1,278.2	0.0	0.0	39.0	10.6	0.0	0.0	11.8	20.6	41.3	0.0

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	Col. 15		TOTAL	1,602,115	954,099	143	0	40,323	8,271	10,875	2,770	4,638	8,598	27,774	177	2,659,782	1,768	1,486	4,893	2,667,929
	Col. 14	5-0184 RATES	GAS SUPPLY COMMODITY	434,255	299,711	43	0	7,793	0	0	362	1,076	3,269	12,376	0	758,885	0	0	0	758,885
(00)	Col. 13	REVENUE -PROPOSED EB-2016-0184 RATES	GAS SUPPLY (	80,616	74,004	0	0	2,135	564	0	(499)	100	(2,899)	2,076	0	156,096	0	0	0	156,096
PONENT (\$0	Col. 12	REVENUE -PRO	TRANSPORT	260,897	207,350	25.4	0	13,900	1,224	0	1,741	1,362	5,066	9,297	0	500,864	0	0	0	500,864
METHODOLOGY vs PROPOSED METHODOLOGY BY RATE CLASS AND COMPONENT (\$000)	Col. 11		DISTRIB'TN	826,348	373,034	74	0	16,494	6,483	10,875	1,167	2,100	3,162	4,024	177	1,243,937	1,768	1,486	4,893	1,252,085
RATE CLAS	Col. 10		TOTAL	38,410	28,982	ю	0	1,253	133	0	113	166	202	1,204	0	70,768	6	0	0	70,778
OLOGY BY F	Col. 9	ENCY	GAS SUPPLY COMMODITY	20,370	14,022	2	0	367	0	0	17	51	154	583	0	35,565	0	0	0	35,565
) METHOD	Col. 8	(SUFFICIENCY) / DEFICIENCY	GAS SUPPLY LOAD BAL	3,924	3,652	0	0	108	29	0	(0)	31	55	115	0	7,913	0	0	0	7,913
PROPOSEI	Col. 7	(SUFFIC	TRANSPORT	13,778	10,950	-	0	734	65	0	92	72	268	491	0	26,450	0	0	0	26,450
DOLOGY vs	Col. 6		DISTRIBTN	339	359	0	0	43	39	0	4	12	29	41	0	840	6	0	0	849
	Col. 5		TOTAL	1,563,705	925,117	139	0	39,070	8,138	10,875	2,657	4,472	8,093	26,570	177	2,589,014	1,759	1,486	4,893	2,597,152
REVENUE COMPARISON - CURRENT	Col. 4	USTED RATES	GAS SUPPLY COMMODITY	413,885	285,690	14	0	7,426	0	0	345	1,025	3,115	11,793	0	723,320	0	0	0	723,320
COMPARIS	Col. 3	REVENUE - EB-2016-0021 ADJUSTED RATES	GAS SUPPLY GAS SUPPLY LOAD BAL COMMODITY	76,692	70,352	0	0	2,027	536	0	(499)	69	(2,954)	1,961	0	148,183	0	0	0	148,183
REVENUE	Col. 2	REVENUE - EB	TRANSPORT	247,119	196,400	24	0	13,166	1,159	0	1,649	1,290	4,799	8,806	0	474,414	0	0	0	474,414
	Col. 1		DISTRIB'TN	826,009	372,675	74	0	16,451	6,443	10,875	1,163	2,088	3,133	4,010	177	1,243,097	1,759	1,486	4,893	1,251,235
			RATE NO.	-	9	თ	100	110	115	125	135	145	170	200	300	13. SUB-TOTAL	14. STORAGE	AC	7	)TAL
			NO.	<del>-</del> -	5	હ	4	5.	.9	7.	œί	6	10.	Ε.	12.	13. SL	14. ST	15. DPAC	16. 332	17. TOTAL

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	Col. 13	TOTAL	REVENUES	4000 41000 11000	,002,1	954,099	143	0	40,323	8,271	10,875	2,770	4,638	8,598	27,774	177	2,659,782	1,768	1,486	4,893	2,667,929
	Col. 12		UNIT RATE		50.6	9.62	9.59	0.00	9.59	0.00	0.00	9.60	9.59	9.59	9.59	0.00	9.64	N/A	N/A	N/A	9.64
	Col. 11	GAS SUPPLY COMMODITY	REVENUES	9000 49.4.0 A B	4,404	299,711	43	0	7,793	0	0	362	1,076	3,269	12,376	0	758,885	0	0	0	758,885
	Col. 10		VOLUMES	10 E	1,010,02	3,104,852	450	0	81,295	0	0	3,768	11,222	34,100	129,109	0	7,875,316	N/A	N/A	N/A	7,875,316
(000\$	Col. 9		UNIT RATE	- T	9	1.54	0.02	0.00	0.30	0.11	0.00	(0.84)	0.11	(0.89)	1.22	0.00	1.35	A/N	N/A	N/A	1.35
TE CLASS (	Col. 8	GAS SUPPLY LOAD BALANCING	REVENUES	9000	0,00	74,004	0	0	2,135	564	0	(499)	100	(2,899)	2,076	0	156,096	0	0	0	156,096
COVERY BY RA	Col. 7	G. LOAI	VOLUMES	000 7	4,609,4	4,794,977	510	0	703,348	517,078	0	59,278	88,566	325,657	170,837	0	11,529,583	N/A	N/A	N/A	11,529,583
EVENUE RE	Col. 6		UNIT RATE	С	50.5	5.63	5.63	0.00	5.63	5.63	0.00	5.63	5.63	5.63	5.63	0.00	5.63	N/A	N/A	N/A	5.63
JMES AND F	Col. 5	GAS SUPPLY TRANSPORTATION	REVENUES	260 907	760,007	207,350	25	0	13,900	1,224	0	1,741	1,362	5,066	9,297	0	500,864	0	0	0	500,864
PROPOSED VOLUMES AND REVENUE RECOVERY BY RATE CLASS (\$000)	Col. 4	G	VOLUMES	A 632 070	0,000,00	3,682,184	450	0	246,846	21,737	0	30,925	24,187	89,965	165,105	0	8,894,477	N/A	N/A	N/A	8,894,477
щ	Col. 3		UNIT RATE	16.07	6.01	7.78	14.53	0.00	2.35	1.25	0.00	1.97	2.37	0.97	2.36	0.00	10.76	N/A	N/A	N/A	10.76
	Col. 2	DISTRIBUTION	REVENUES	926 970	020,340	373,034	74	0	16,494	6,483	10,875	1,167	2,100	3,162	4,024	177	1,243,937	1,768	1,486	4,893	1,252,085
	Col. 1	۵	VOLUMES	1 060 222	4,609,500	4,794,977	510	0	703,348	517,078	0	59,278	88,566	325,657	170,837	34,992	11,564,575	N/A	N/A	N/A	11,564,575
		RATE	NO.	+	=	9	6	100	110	115	125	135	145	170	200	300	SUB-TOTAL	STORAGE	DPAC	332	TOTAL
		HEM	Ŏ.	+	<u>-</u>	5.	છં	4	5.	.9	7.	∞i	6	10.	Ξ.	15.	13	4	15.	16.	17.

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### FISCAL YEAR REVENUE COMPARISON - CURRENT METHODOLOGY vs PROPOSED METHODOLOGY 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	3-2016-0021 AD Unbilled Revenue (\$000)	Total (\$000)	REVENUE -PR Proposed Revenue (\$000)	OPOSED EB-2 Unbilled Revenue (\$000)	016-0184 RATES	Total Difference (\$000)
1.	1	1,563,705	1,316	1,565,021	1,602,115	1,399	1,603,514	38,492
2.	6	925,117	1,041	926,159	954,099	1,094	955,194	29,035
3.	9	139	0	139	143	0	143	3
4.	100	0	0	0	0	0	0	0
5.	110	39,070	211	39,281	40,323	219	40,542	1,261
6.	115	8,138	(45)	8,093	8,271	(48)	8,223	130
7.	125	10,875	0	10,875	10,875	0	10,875	0
8.	135	2,657	4	2,662	2,770	4	2,775	113
9.	145	4,472	(114)	4,358	4,638	(120)	4,518	161
10.	170	8,093	(88)	8,005	8,598	(92)	8,506	500
11.	200	26,570	0	26,570	27,774	0	27,774	1,204
12.	300	177	0	177	177	0	177	0
13.	SUB-TOTAL	2,589,014	2,326	2,591,340	2,659,782	2,457	2,662,239	70,900
14.	STORAGE	1,759	0	1,759	1,768	0	1,768	9
15.	DPAC	1,486	0	1,486	1,486	0	1,486	0
16.	332	4,893	0	4,893	4,893	0	4,893	0
17.	TOTAL	2,597,152	2,326	2,599,478	2,667,929	2,457	2,670,387	70,909

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### SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item	Rate				EB-2015-0049	Adjusted	Rate	Proposed
No.	No.		Rate Block	EB-2016-0021	Adjustment 1	EB-2016-0021 <sup>2</sup>	Change	EB-2016-0184
			m³	cents *	cents *	cents *	cents *	cents *
1.01	RATE 1	Customer Charge		\$20.00	\$0.00	\$20.00	\$0.00	\$20.00
1.02		Delivery Charge	first 30	7.9193	0.2287	8.1480	0.0078	8.1558
1.03		- s s.,g-	next 55	7.4091	0.2140	7.6231	0.0073	7.6304
1.04			next 85	7.0096	0.2024	7.2120	0.0069	7.2189
1.05			over 170	6.7118	0.1938	6.9056	0.0066	6.9122
1.06		Gas Supply Load Balancing		1.5750	0.0000	1.5750	0.0806	1.6556
1.07		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
1.08		Gas Supply Commodity - System		9.1760 9.1549	0.0000	9.1760 9.1549	0.4516	9.6276
1.09		Gas Supply Commodity - Buy/Sell		9.1549	0.0000	9.1549	0.4516	9.6065
	RATE 6							
2.01		Customer Charge		\$70.00	\$0.00	\$70.00	\$0.00	\$70.00
2.02		Delivery Charge	First 500	7.6510	0.3231	7.9741	0.0123	7.9864
2.03			Next 1050	5.8490	0.2470	6.0960	0.0094	6.1054
2.04			Next 4500	4.5871	0.1937	4.7808	0.0074	4.7882
2.05			Next 7000	3.7762	0.1595	3.9357	0.0061	3.9418
2.06			Next 15250	3.4160	0.1443	3.5603	0.0055	3.5658
2.07 2.08		Gas Supply Load Balancing	Over 28300	3.3256 1.4672	0.1404 (0.0000)	3.4660 1.4672	0.0054 0.0762	3.4714 1.5434
2.09		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.0702	5.6312
2.10		Gas Supply Commodity - System		9.2014	0.0000	9.2014	0.4516	9.6530
2.11		Gas Supply Commodity - Buy/Sell		9.1803	0.0000	9.1803	0.4516	9.6319
		,						
	RATE 9							
3.01		Customer Charge		\$235.95	\$0.00	\$235.95	\$0.00	\$235.95
3.02		Delivery Charge	first 20000	10.6410	0.0000	10.6410	0.0070	10.6480
3.03			over 20000	9.9602	0.0000	9.9602	0.0066	9.9668
3.04 3.05		Gas Supply Load Balancing Gas Supply Transportation		0.0176 5.3338	0.0000 (0.0000)	0.0176 5.3338	0.0009 0.2974	0.0185 5.6312
3.05		Gas Supply Transportation Gas Supply Commodity - System		9.1342	0.0000	9.1342	0.2974	9.5858
3.07		Gas Supply Commodity - Buy/Sell		9.1131	0.0000	9.1131	0.4516	9.5647
	RATE 100	)						
4.01		Customer Charge		\$122.01	\$0.00	\$122.01	\$0.00	\$122.01
4.02		Demand Charge (Cents/Month/m³)		36.0000	0.0000	36.0000	0.0000	36.0000
4.03		Delivery Charge	first 14,000	0.1332	(0.0000)	0.1332	0.0070	0.1402
4.04 4.05			next 28,000 over 42,000	0.1332 0.1332	(0.0000)	0.1332 0.1332	0.0070 0.0070	0.1402 0.1402
4.05		Gas Supply Load Balancing	0vei 42,000	1.4672	(0.0000) (0.0000)	1.4672	0.0070	1.5434
4.07		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
4.08		Gas Supply Commodity - System		9.2014	0.0000	9.2014	0.4516	9.6530
		Gas Supply Commodity - Buy/Sell		9.1803	0.0000	9.1803	0.4516	9.6319
	RATE 110	1						
5.01	RAIEII	Customer Charge		\$587.37	\$0.00	\$587.37	\$0.00	\$587.37
5.02		Demand Charge (Cents/Month/m³)		22.9100	0.0000	22.9100	0.0000	22.9100
5.03		Delivery Charge	first 1,000,000	0.6142	0.0886	0.7028	0.0062	0.7090
5.04		-	over 1,000,000	0.4642	0.0886	0.5528	0.0062	0.5590
5.05		Load Balancing Commodity		0.2882	(0.0000)	0.2882	0.0154	0.3036
5.06		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
5.07		Gas Supply Commodity - System		9.1342	0.0000	9.1342	0.4516	9.5858
5.08		Gas Supply Commodity - Buy/Sell		9.1131	0.0000	9.1131	0.4516	9.5647

NOTE: \* Cents unless otherwise noted.

1. EB-2015-0049 Final Rate Order Exhibit H2, Tab 3, Schedule 1, Pages 1 to 4, column 4.

<sup>2.</sup> EB-2016-0021 April 1, 2016 Qram plus EB-2015-0049 Final Adjustment

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 3 Page 2 of 4

### 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	Rate				EB-2015-0049	Adjusted	Rate	Proposed
No.	No.		Rate Block	EB-2016-0021	Adjustment 1	EB-2016-0021 <sup>2</sup>	<u>Change</u>	EB-2016-0184
			m³	cents *	cents *	cents *	cents *	cents *
	RATE 115							
1.01		Customer Charge		\$622.62	\$0.00	\$622.62	\$0.00	\$622.62
1.02 1.03		Demand Charge (Cents/Month/m³) Delivery Charge	first 1,000,000	24.3600 0.2250	0.0000 0.1189	24.3600 0.3439	0.0000 0.0076	24.3600 0.3515
1.04		Belivery Gharge	over 1,000,000	0.1250	0.1189	0.2439	0.0076	0.2515
1.05		Load Balancing Commodity		0.1036	0.0000	0.1036	0.0056	0.1092
1.06 1.07		Gas Supply Transportation Gas Supply Commodity - System		5.3338 9.1342	(0.0000) 0.0000	5.3338 9.1342	0.2974 0.4516	5.6312 9.5858
1.08		Gas Supply Commodity - Buy/Sell		9.1131	0.0000	9.1131	0.4516	9.5647
	-							
2.01	RATE 125	Customer Charge		\$500.00	0.0000	\$500.00	\$0.00	\$500.00
2.02		Delivery Charge (Cents/Month/m³ of	Contract Dmnd)	9.0545	0.0417	9.0962	0.0000	9.0962
3.00	RATE 135	DEC - MAR Customer Charge		\$115.08	\$0.00	\$115.08	\$0.00	\$115.08
3.01		Delivery Charge	first 14,000	6.8209	0.2518	7.0727	0.0070	7.0797
3.02			next 28,000	5.6209	0.2518	5.8727	0.0070	5.8797
3.03 3.04		Gas Supply Load Balancing	over 42,000	5.2209 0.0000	0.2518 0.0000	5.4727 0.0000	0.0070 0.0000	5.4797 0.0000
3.05		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
3.06 3.07		Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell		9.1449 9.1239	0.0000 0.0000	9.1449 9.1239	0.4515 0.4515	9.5964 9.5754
3.07		Gas Supply Commounty - Buy/Sen		9.1239	0.0000	9.1239	0.4313	3.3734
3.08	RATE 135	APR - NOV Customer Charge		\$115.08	\$0.00	\$115.08	\$0.00	\$115.08
3.09		Delivery Charge	first 14,000	2.1209	0.2518	2.3727	0.0070	2.3797
3.10			next 28,000	1.4209	0.2518	1.6727	0.0070	1.6797
3.11 3.12		Gas Supply Load Balancing	over 42,000	1.2209 0.0000	0.2518 0.0000	1.4727 0.0000	0.0070 0.0000	1.4797 0.0000
3.13		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
3.14 3.15		Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell		9.1449 9.1239	0.0000 0.0000	9.1449 9.1239	0.4515 0.4515	9.5964 9.5754
3.13		Gas Supply Commodity - Buy/Sell		9.1239	0.0000	3.1233	0.4313	3.3734
	RATE 145							
4.00 4.01		Customer Charge Demand Charge (Cents/Month/m³)		\$123.34 8.2300	\$0.00 0.0000	\$123.34 8.2300	\$0.00 0.0000	\$123.34 8.2300
4.02		Delivery Charge	first 14,000	2.6201	0.2828	2.9029	0.0138	2.9167
4.03			next 28,000	1.2611	0.2828	1.5439	0.0138	1.5577
4.04 4.05		Gas Supply Load Balancing	over 42,000	0.7021 0.6254	0.2828 0.0000	0.9849 0.6254	0.0138 0.0352	0.9987 0.6606
4.06		Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
4.07 4.08		Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell		9.1378 9.1167	0.0000 0.0000	9.1378 9.1167	0.4515 0.4516	9.5893 9.5683
4.00		Gas Supply Commodity - Buy/Sell		9.1107	0.0000	3.1107	0.4310	9.3063
	DATE 170							
5.00	RATE 170	Customer Charge		\$279.31	\$0.00	\$279.31	\$0.00	\$279.31
5.01		Demand Charge (Cents/Month/m³)	, , , , , , , , , , , , , , , , , , ,	4.0900	0.0000	4.0900	0.0000	4.0900
5.02 5.03		Delivery Charge	first 1,000,000 over 1,000,000	0.4080 0.2080	0.0741 0.0741	0.4821 0.2821	0.0088 0.0087	0.4909 0.2909
5.04		Gas Supply Load Balancing	3,000,000	0.2985	(0.0000)	0.2985	0.0168	0.2303
5.05		Gas Supply Transportation		E 2220	(0.0000)	E 2220	0.2074	E 0040
5.06		Gas Supply Commodity - System		5.3338 9.1342	(0.0000) 0.0000	5.3338 9.1342	0.2974 0.4516	5.6312 9.5858

NOTE: \* Cents unless otherwise noted.

<sup>1.</sup> EB-2015-0049 Final Rate Order Exhibit H2, Tab 3, Schedule 1, Pages 1 to 4, column 4.

<sup>2.</sup> EB-2016-0021 April 1, 2016 Qram plus EB-2015-0049 Final Adjustment

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 3 Page 3 of 4

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

		OF PROPOSED N			<del></del>	0.1.0	0.1.7
	Col.1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Rate				EB-2015-0049	Adjusted	Rate	Proposed
No.		Rate Block	EB-2016-0021	Adjustment 1	EB-2016-0021 <sup>2</sup>	Change	EB-2016-0184
110.		m <sup>3</sup>	cents *	cents *	cents *	cents *	cents *
RATE 200							
	Customer Charge		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Demand Charge (Cents/Month/m³)		14.7000	0.0000	14.7000	0.0000	14.7000
	Delivery Charge		1.0605	0.0115	1.0720	0.0085	1.0805
	Gas Supply Load Balancing		1.2660	(0.0000)	1.2660	0.0674	1.3334
	Gas Supply Transportation		5.3338	(0.0000)	5.3338	0.2974	5.6312
	Gas Supply Commodity - System		9.1342	0.0000	9.1342	0.4516	9.5858
	Gas Supply Commodity - Buy/Sell		9.1131	0.0000	9.1131	0.4516	9.5647
RATE 300	FIRM SERVICE						
	Monthly Customer Charge		\$500.00	\$0.00	\$500.00	\$0.00	\$500.00
	Demand Charge (Cents/Month/m³)		25.6543	(0.0000)	25.6543	0.0000	25.6543
	INTERRUPTIBLE SERVICE						
	Minimum Delivery Charge (Cents/Mo	onth/m³)	0.3343	0.0000	0.3343	0.0000	0.3343
	Maximum Delivery Charge (Cents/M	onth/m³)	1.0121	0.0000	1.0121	0.0000	1.0121
RATE 315	Martin O started Observa		¢450.00	<b>#0.00</b>	<b>\$150.00</b>	<b>#0.00</b>	¢450.00
	Monthly Customer Charge	. 2)	\$150.00	\$0.00	\$150.00	\$0.00	\$150.00
	Space Demand Chg (Cents/Month/n Deliverability/Injection Demand Chg		0.0479 20.9601	0.0000 0.0000	0.0479 20.9601	0.0000 0.0000	0.0479 20.9601
	Injection & Withdrawal Chg (Cents/N		0.3049	0.0000	0.3049	0.0000	0.3075
	injection & Withdrawai Chig (Cents/N	ionai/in-)	0.3049	0.0000	0.3049	0.0020	0.3073
RATE 320							
NATE 320	Backstop	All Gas Sold	14.9746	0.0741	15.0487	0.7744	15.8231
RATE 316							
	Monthly Customer Charge		\$150.00	\$0.00	\$150.00	\$0.00	\$150.00
	Space Demand Chg (Cents/Month/n		0.0479	0.0000	0.0479	0.0000	0.0479
	Deliverability/Injection Demand Chg	(Cents/Month/m³)	5.0657	0.0000	5.0657	0.0000	5.0657
	Injection & Withdrawal Chg (Cents/N	Ionth/m³)	0.0764	0.0000	0.0764	0.0026	0.0790

<sup>\*</sup> Cents unless otherwise noted.

1. EB-2015-0049 Final Rate Order Exhibit H2, Tab 3, Schedule 1, Pages 1 to 4, column 4.

2. EB-2016-0021 April 1, 2016 Qram plus EB-2015-0049 Final Adjustment

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 3 Page 4 of 4

		SUMMARY OF PROPOSED RATE CHANGE BY RAT Col. 1 Col. 2	E CLASS (con't	) Col. 4	Col. 5	Col. 6	Col. 7
		332	33 3		33 3	<b>55 5</b>	33 <i>7</i>
Item	Rate			EB-2015-0049	Adjusted	Rate	Proposed
No.	No.	Rate Block m³	EB-2016-0021 cents *	Adjustment 1 cents *	EB-2016-0021 <sup>2</sup> cents *	Change cents *	EB-2016-0184 cents *
	RATE 325						
	020						
1.00		Transmission & Compression Demand Charge - ATV (\$/Month/10³ m³)	0.2022	0.0000	0.2022	0.0000	0.2022
1.01		Demand Charge - Daily Wdrl. (\$/Month/10³ m³)	22.2507	(0.0000)	22.2507	0.0000	22.2507
1.02		Commodity Charge	0.8450	0.0000	0.8450	0.0230	0.8680
4.00		Storage	0.4005	(0.0000)	0.4005	0.0000	0.4005
1.03 1.04		Demand Charge - ATV (\$/Month/10*3 m³) Demand Charge - Daily Wdrl. (\$/Month/10³ m³)	0.1905 21.1873	(0.0000) 0.0000	0.1905 21.1873	0.0000 (0.0000)	0.1905 21.1873
1.05		Commodity Charge	0.1080	0.0000	0.1080	0.0110	0.1190
		(2) Note: These are UNBUNDLED Rates					
	RATE 330	Storage Service - Firm					
	RATE 330	Demand Charge (\$/Month/10³ m³ of ATV)					
2.00		Minimum	0.3927	(0.0000)	0.3927	0.0000	0.3927
2.01		Maximum	1.9637	(0.0000)	1.9637	0.0000	1.9637
		Demand Charge (\$/Month/10³ m³ of Daily Withdrawal)					
2.02 2.03		Minimum Maximum	43.4380 217.1898	0.0000 (0.0000)	43.4380 217.1898	(0.0000) 0.0000	43.4380 217.1898
2.00			217.1030	(0.0000)	217.1000	0.0000	217.1030
2.04		Commodity Charge Minimum	0.9530	0.0000	0.9530	0.0340	0.9870
2.05		Maximum	4.7650	0.0000	4.7650	0.1700	4.9350
		Storage Service - Interruptible					
2.06		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV) Minimum	0.3927	(0.0000)	0.3927	0.0000	0.3927
2.07		Maximum	1.9637	(0.0000)	1.9637	0.0000	1.9637
		Demand Charge (\$/Month/10³ m³ of Daily Withdrawal)					
2.08		Minimum	34.7505	0.0000	34.7505	(0.0000)	34.7505
2.09		Maximum	173.7519	0.0000	173.7519	(0.0000)	173.7519
		Commodity Charge					
2.10 2.11		Minimum Maximum	0.9530 4.7650	0.0000 0.0000	0.9530 4.7650	0.0340 0.1700	0.9870 4.9350
2.11		Waxiiiuiii	4.7050	0.0000	4.7050	0.1700	4.9330
		Storage Service - Off Peak					
2.12		Commodity Charge Minimum	0.3573	0.0000	0.3573	0.0110	0.3683
2.13		Maximum	40.4012	0.0000	40.4012	0.1700	40.5712
	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-2015-0049 Final Rate Order Exhibit H2, Tab 3, Schedule 1, Pages 1 to 4, column 4.

2. EB-2016-0021 April 1, 2016 Qram plus EB-2015-0049 Final Adjustment

CALCULATION OF GAS SUPPLY CHARGES BY RATE CLASS

	e e	- vi			
Col. 12	REFERENCE	G2 T5 S3 1.1 G2 T5 S3 1.2 G2 T5 S3 1.1 G2 T5 S2 1.1		1.1/2.1 1.2/2.1 1.3/2.2 1.4/2.1	1.1/2.1
Col. 11	RATE 200	12,321 - 27 28 12,376	129,109 129,109	9.5428 - 0.0211 0.0219 9.5858	9.5428 - 0.0219 9.5647
Col. 10	RATE 170	3,254 - 7 7 7,7 3,269	34,100 34,100	9.5428 - 0.0211 0.0219	9.5428 0.0219 9.5647
Col. 9	RATE 145	1,071 0 2 2 2 2 2 1,076	11,222 11,222	9.5428 0.0036 0.0211 0.0219 9.5893	9.5428 0.0036 0.0219 9.5683
Col. 8	RATE 135	360	3,768 3,768	9.5428 0.0107 0.0211 0.0219 9.5964	9.5428 0.0107 0.0219 9.5754
Col. 7	RATE 115				
Col. 6	RATE 110	7,758 - 17 18 18	81,295 81,295	9.5428 - 0.0211 0.0219 9.5858	9.5428 - 0.0219 9.5647
Col. 5	RATE 100		1 1		
Col. 4	RATE 9	43	450 450	9.5428 0.0211 0.0219 9.5858	9.5428 - 0.0219 9.5647
Col. 3	RATE 6	296,289 2,086 654 681 299,710	3,104,852 3,104,852	9.5428 0.0672 0.0211 0.0219	9.5428 0.0672 0.0219
Col. 2	RATE 1	430,428 1,885 950 990 434,252	4,510,521 4,510,521	9.5428 0.0418 0.0211 0.0219	9.5428 0.0418 0.0219 9.6065
Col. 1	TOTAL	751,522 3,972 1,658 1,728 758,881	7,875,316 7,875,316	9.5428 0.0504 0.0211 0.0219	9.5428 0.0504 0.0219 9.6151
	DERIVATION OF GAS SUPPLY CHARGE	GAS SUPPLY COSTS (\$000)  Annual Commodity Bad Debt Commodity System Gas Fee Return on Rate Base - Working Cash Total Commodity Costs	VOLUMES (10³ m³) System and Buy/Sell Volumes System Volumes	GAS SUPPLY CHARGE SYSTEM (e/m³) Annual Commodity Bad Debt Commodity System Gas Fee Return on Rate Base - Working Cash System Gas Supply Charge	GAS SUPPLY CHARGE BUY/SELL(¢/m3) Annual Commodity Bad Debt Commodity Return on Rate Base - Working Cash Buy/Sell Gas Supply Charge
Item		- 1 + 1 + 1 - 1	2.2	6. 6. 6. 6. 6. 7. 6. 4. 6. 4.	4 4 4 4 - 5 6

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Col. 2	RATE 1		13.025	56,317	11,273	80,616	4,869,333	1.6556		4,633,078	260,897
Col. 3	RATE 6		10.162	53,193	10,649	74,004	4,794,977	1.5434		3,682,184	207,350
Col. 4	RATE 9		O	0	0	0	510	0.0185		450	25
Col. 5	RATE 100		1	,							
Col. 6	RATE 110		189	1,622	325	2,135	703,348	0.3036		246,846	13,900
Col. 7	RATE 115		36	440	88	564	517,078	0.1092		21,737	1,224
Col. 8	RATE 135		,	•			59,278			30,925	1,741
Col. 9	RATE 145			488	26	585	88,566	0.6606		24,187	1,362
Col. 10	RATE 170			856	171	1,027	325,657	0.3153		89,965	5,066
	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9  RATE RATE RATE RATE RATE RATE 9 100 110 115 135 145	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9  RATE RATE RATE RATE RATE 9 100 110 115 135 145	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9  RATE RATE RATE RATE 9 100 110 115 135 145	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9  RATE RATE RATE RATE 9 100 1162 440 - 1822 440 - 488	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9  RATE RATE RATE RATE RATE 9 100 116 115 135 145  0 - 1622 440 - 1622 007 0 - 325 88 - 97	Col. 4 Col. 5 Col. 6 Col. 7 Col. 8 Col. 9  RATE RATE RATE RATE RATE RATE  145  145  0 - 1,622 440  0 - 2,135 684 - 585	Solidaria   Colidaria   Coli	S	S	RATE   RATE

G2 T5 S3 2.1 G2 T5 S3 2.2 G2 T5 S2 2.2

217 1,718 344 2,278

REFERENCE Col. 12

Col. 11

G2 T6 S3, 1.3

170,837

5.0 / 6

1.3334

G2 T6 S3, 1.3

165,105

9,297 5.6312

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סקרטט סררטט	SUFFUR HING CALCULATION OF GAS SUFFLI CUSTS BT RATE CLASS	JUNION OF	GAS SUFF	L1 CO313	ם אין ח	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-2016-0184/EB-2016-0021 Adjusted Gas Supply Charge ¢/m³		9.176	9.2014	9.1342	9.2014	9.1342	9.1342	9.1449	9.1378	9.1342	9.1342
2 EB-2015-0114 Sales Volume '000 m <sup>3</sup>	7,875,316	4,510,521	3,104,852	450		81,295		3,768	11,222	34,100	129,109
3 Gas Supply Charge Revenue \$'000	723,320	413,885	285,690	41		7,426		345	1,025	3,115	11,793
Less 4 Commodity Cost Change <sup>(1)</sup> 5 Working Cash Commodity Change <sup>(2)</sup>	35,564 (0)	20,369	14,021	2 (0)		367		17 (0)	51 (0)	154 (0)	583
6 Gas Supply Costs underpinning EB-2016-0184 rates	758,885	434,256	299,711	43		7,793		362	1,076	3,269	12,376
7 Gas Supply Charge		9.6276	9.6530	9.5858		9.5858	0.0000	9.5964	9.5893	9.5858	9.5858

Notes: (1) Q3-1, Tab 3, Sch. 2, Item 1.1 (2) Q3-1, Tab 3, Sch. 2, Item 2.1

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

DATE 405			Reference
RATE 135 Seasonal Credits Applicable to Rate 135	\$	(499)	H2T5S3 line 2.3
Annual Volume (103 m3) Mean Daily Volume (103 m3)		59,278 162	
Annual Seasonal Credits Payable from December to March		(3.08) (0.77)	
RATE 145 Seasonal Credits Applicable to Rate 145	\$	(485)	H2T5S3 line 2.3
Annual Volume (103 m3)		88,566	
Mean Daily Volume (103 m3) 16 Hours 72 Hours		243	
Annual Seasonal Credits 16 Hours Payable from December to March	\$ \$	(2.00) (0.50)	
Seasonal Credits Applicable to Rate 145 16 Hours	\$	(485)	
RATE 170 Seasonal Credits Applicable to Rate 170	\$	(3,926)	H2T5S1P6 line 7.3
Annual Volume (103 m3) Mean Daily Volume (103 m3)		325,657 892	
Annual Seasonal Credits Payable from December to March	\$ \$	(4.40) (1.10)	
RATE 200 Seasonal Credits Applicable to Rate 200	\$	(202)	H2T5S1 P7 line 2.3
Annual Volume (103 m3) Mean Daily Volume (103 m3)		16,748 46	
Annual Seasonal Credits Payable from December to March	\$ \$	(4.40) (1.10)	

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### DETAILED REVENUE CALCULATION

### EB-2016-0021 vs EB-2016-0184

	Со	l. 1	Col. 2		Col. 4 usted 16-0021	Col. 5		Col. 7 posed 16-0184
Item No.	RATE 1	Block 1 <sup>3</sup>	Bills & <u>Volumes</u> 10³ m³	Rate cents*	Revenues \$000	Rate <u>Change</u> cents*	Rate_cents*	Revenues \$000
1.1	Customer Charge	Bills	23,570,385	\$20.00	471,408	\$0.00	\$20.00	471,408
1.2 1.3 1.4 1.5 1.	n n	irst 30 ext 55 ext 85 ver 170	671,991 954,662 1,056,776 2,185,905 4,869,333	8.1480 7.6231 7.2120 6.9056	54,754 72,775 76,215 150,950 826,101	0.0078 0.0073 0.0069 0.0066	8.1558 7.6304 7.2189 6.9122	54,806 72,845 76,288 151,095 826,442
2.1 2.2	Gas Supply Load Balancing Gas Supply Transportation wi	thout OTS	4,869,333 4,633,078	1.5750 5.3338	76,692 247,119	0.0806 0.2974	1.6556 5.6312	80,616 260,897
3.1 3.2 3.	Gas Supply Commodity - Sys Gas Supply Commodity - Buy Total Gas Supply Charge		4,510,521 0 4,510,521	9.1760 9.1549	413,885 0 413,885	0.4516 0.4516	9.6276 9.6065	434,255 0 434,255
4.1 4.2 4.3 4.	TOTAL DISTRIBUTION TOTAL GAS SUPPLY LOAD TOTAL GAS SUPPLY COMM TOTAL RATE 1		4,869,333 4,869,333 4,510,521 <b>4,869,333</b>		826,101 323,811 413,885 1,563,797			826,442 341,512 434,255 1,602,209
5.	Adj. Factor	0.9999						
6.	ADJUSTED REVENUE				1,563,705			1,602,115
7.	REVENUE INC./(DEC.)							38,410

NOTE: \* Cents unless otherwise noted.

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### DETAILED REVENUE CALCULATION

### EB-2016-0021 vs EB-2016-0184

		Col. 1	Col. 2	Col. 3 Adju EB-201		Col. 5		Col. 7 posed 116-0184
Item <u>No.</u>	RATE 6	Rate Block m³	Bills & <u>Volumes</u> 10³ m³	Rate cents*	Revenues \$000	Rate <u>Change</u> cents*	Rate cents*	Revenues \$000
1.1	Customer Charge	Bills	1,990,260	\$70.00	139,318	\$0.00	\$70.00	139,318
1.2 1.3	Delivery Charge	First 500 Next 1050	608,398 731,014	7.9741 6.0960	48,514 44,563	0.0123 0.0094	7.9864 6.1054	48,589 44,632
1.4		Next 4500	1,259,521	4.7808	60,215	0.0074	4.7882	60,308
1.5 1.6		Next 7000	731,990	3.9357	28,809	0.0061 0.0055	3.9418	28,853
1.7		Next 15250 Over 28300	600,569 863,484	3.5603 3.4660	21,382 29,928	0.0055	3.5658 3.4714	21,415 29,975
1.	Total Distribution Char		4,794,977	0.4000	372,730	0.0004	0.4714	373,091
2.1	Gas Supply Load Bala	ncina	4,794,977	1.4672	70,352	0.0762	1.5434	74,004
2.2	Gas Supply Transporta		3,682,184	5.3338	196,400	0.2974	5.6312	207,350
3.1	Gas Supply Commodit	tv - Svstem	3,104,852	9.2014	285,690	0.4516	9.6530	299,711
3.2	Gas Supply Commodit		0	9.1803	0	0.4516	9.6319	0
3.	Total Gas Supply Char	rge	3,104,852		285,690			299,711
4.1	TOTAL DISTRIBUTIO		4,794,977		372,730			373,091
4.2	TOTAL GAS SUPPLY		4,794,977		266,752			281,354
4.3 4.	TOTAL GAS SUPPLY TOTAL RATE 6	COMMODITY	3,104,852 <b>4,794,977</b>		285,690 925,172			299,711 954,156
4.	TOTAL NATE 0		4,734,377		925,172			954,150
5.	Adj. Factor	1.00						
6.	ADJUSTED REVENUE	<b>E</b>			925,117			954,099
7.	REVENUE INC./(DEC	.)						28,981

NOTE \* Cents unless otherwise noted.

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### DETAILED REVENUE CALCULATION

### EB-2016-0021 vs EB-2016-0184

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item			Bills &	Adju EB-201		Rate		oposed 016-0184
No.	DATEO	Rate Block m³	Volumes 10³ m³	Rate cents*	Revenues \$000	Change cents*	Rate cents*	Revenues \$000
	RATE 9							
1.1	Customer Charge	Bills	84	\$235.95	20	\$0.00	\$235.95	20
1.2	Delivery Charge	first 20000	503	10.6410	54	0.0070	10.6480	54
1.3		over 20000	7	9.9602	1	0.0066	9.9668	1
1.	Total Distribution Cha	arge	510		74			74
2.1	Gas Supply Load Bala	ancing	510	0.0176	0	0.0009	0.0185	0
2.2	Gas Supply Transpor	tation	450	5.3338	24	0.2974	5.6312	25
3.1	Gas Supply Commod		450	9.1342	41	0.4516	9.5858	43
3.2	Gas Supply Commod	, ,	<u>0</u> 450	9.1131	0	0.4516	9.5647	<u>0</u>
3.	Total Gas Supply Cha	arge	450		41			43
4.1	TOTAL DISTRIBUTION		510		74			74
4.2	TOTAL GAS SUPPLY		510		24			25
4.3 4	TOTAL GAS SUPPLY	COMMODITY	450 <b>510</b>		41 139			43 143
4	TOTAL NATE 9							
5.	REVENUE INC./(DEC	C.)						3
					sted			oposed
		Data Black	Contracts &	EB-201		Rate		016-0184
		Rate Block m <sup>3</sup>	Volumes 10³ m³	Rate cents*	Revenues \$000	Change cents*	Rate cents*	Revenues \$000
	RATE 100	***	10 111	COMO	ΨΟΟΟ	CCITIO	como	ΨΟΟΟ
1.1	Customer Charge							
1.2		Contracts	0	\$122.01	0	\$0.00	\$122.01	0
	Demand Charge	Contracts	0 0	\$122.01 \$36.00	0 0	\$0.00 -	\$122.01 36.00	0
1.3	· ·			\$36.00		\$0.00 - 0.0070		0
1.3 1.4	Demand Charge  Delivery Charge	Contracts first 14,000 next 28,000	0		0	-	36.00	
	· ·	first 14,000	0	\$36.00 0.1332	0 0 0 0	0.0070	36.00 0.1402	0
1.4	· ·	first 14,000 next 28,000 over 42,000	0 0	\$36.00 0.1332 0.1332	0 0 0	0.0070 0.0070	36.00 0.1402 0.1402	0 0 0
1.4 1.5	Delivery Charge  Total Distribution Cha	first 14,000 next 28,000 over 42,000 arge	0 0 0	\$36.00 0.1332 0.1332	0 0 0 0	0.0070 0.0070	36.00 0.1402 0.1402	0 0 0 0
1.4 1.5 1	Delivery Charge	first 14,000 next 28,000 over 42,000 arge	0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332	0 0 0 0	0.0070 0.0070 0.0070	36.00 0.1402 0.1402 0.1402	0 0 0 0 0
1.4 1.5 1 2.1 2.2	Delivery Charge  Total Distribution Cha  Gas Supply Load Bala Gas Supply Transpor	first 14,000 next 28,000 over 42,000 arge ancing tation	0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332 1.4672 5.3338	0 0 0 0 0	0.0070 0.0070 0.0070 0.0070	36.00 0.1402 0.1402 0.1402 1.5434 5.6312	0 0 0 0 0
1.4 1.5 1	Delivery Charge  Total Distribution Cha  Gas Supply Load Bala	first 14,000 next 28,000 over 42,000 arge ancing tation ity - System	0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332	0 0 0 0 0	0.0070 0.0070 0.0070 0.0070	36.00 0.1402 0.1402 0.1402	0 0 0 0 0
1.4 1.5 1 2.1 2.2 3.1	Delivery Charge  Total Distribution Cha Gas Supply Load Bala Gas Supply Transpor Gas Supply Commod	first 14,000 next 28,000 over 42,000 arge ancing tation ity - System ity - Buy/Sell	0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332 1.4672 5.3338 9.2014	0 0 0 0 0	0.0070 0.0070 0.0070 0.0070 0.0762 0.2974 0.4516	36.00 0.1402 0.1402 0.1402 1.5434 5.6312 9.6530	0 0 0 0 0
1.4 1.5 1 2.1 2.2 3.1 3.2 3	Delivery Charge  Total Distribution Cha Gas Supply Load Bala Gas Supply Transpor Gas Supply Commod Gas Supply Commod	first 14,000 next 28,000 over 42,000 arge ancing tation ity - System ity - Buy/Sell arge	0 0 0 0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332 1.4672 5.3338 9.2014	0 0 0 0 0 0 0 0	0.0070 0.0070 0.0070 0.0070 0.0762 0.2974 0.4516	36.00 0.1402 0.1402 0.1402 1.5434 5.6312 9.6530	0 0 0 0 0 0 0 0
1.4 1.5 1 2.1 2.2 3.1 3.2 3 4.1 4.2	Delivery Charge  Total Distribution Cha Gas Supply Load Bala Gas Supply Transpor Gas Supply Commod Gas Supply Commod Total Gas Supply Cha TOTAL DISTRIBUTIO	first 14,000 next 28,000 over 42,000 arge ancing tation ity - System ity - Buy/Sell arge DN / LOAD BALANCING	0 0 0 0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332 1.4672 5.3338 9.2014	0 0 0 0 0 0 0 0	0.0070 0.0070 0.0070 0.0070 0.0762 0.2974 0.4516	36.00 0.1402 0.1402 0.1402 1.5434 5.6312 9.6530	0 0 0 0 0 0 0 0
1.4 1.5 1 2.1 2.2 3.1 3.2 3	Delivery Charge  Total Distribution Cha Gas Supply Load Bala Gas Supply Transpor  Gas Supply Commod Gas Supply Commod Total Gas Supply Cha TOTAL DISTRIBUTIO	first 14,000 next 28,000 over 42,000 arge ancing tation ity - System ity - Buy/Sell arge DN / LOAD BALANCING	0 0 0 0 0 0 0 0	\$36.00 0.1332 0.1332 0.1332 1.4672 5.3338 9.2014	0 0 0 0 0 0 0 0	0.0070 0.0070 0.0070 0.0070 0.0762 0.2974 0.4516	36.00 0.1402 0.1402 0.1402 1.5434 5.6312 9.6530	0 0 0 0 0 0 0 0

NOTE: \* Cents unless otherwise noted.

REVENUE INC./(DEC.)

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### **DETAILED REVENUE CALCULATION**

### EB-2016-0021 vs EB-2016-0184

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item <u>No.</u>	<u>RATE 110</u>	Rate Block m³	Contracts & Volumes 103 m3	Adju: EB-201 <u>Rate</u> cents*		Rate <u>Change</u> cents*		pposed 016-0184 <u>Revenues</u> \$000
1.1 1.2 1.3 1.4 1.	Customer Charge Demand Charge Delivery Charge Total Distribution Ch	Contracts first 1,000,000 over 1,000,000 aarge	2,664 44,373 554,646 148,702 703,348	\$587.37 22.9100 0.7028 0.5528	1,565 10,166 3,898 822 16,451	\$0.00 0.0000 0.0062 0.0062	\$587.37 22.9100 0.7090 0.5590	1,565 10,166 3,932 831 16,494
2.1 2.2 2.	Load Balancing Con Gas Supply Transpo Total Gas Supply Lo	ortation	703,348 246,846	0.2882 5.3338	2,027 13,166 15,193	0.0154 0.2974	0.3036 5.6312	2,135 13,900 16,036
3.1 3.2 3.	Gas Supply Commo Gas Supply Commo Total Gas Supply Ch	dity - Buy/Sell	81,295 0 81,295	9.1342 9.1131	7,426 0 7,426	0.4516 0.4516	9.5858 9.5647	7,793 0 7,793
4.1 4.2 4.3 4.	TOTAL DISTRIBUTI TOTAL GAS SUPPL TOTAL GAS SUPPL TOTAL RATE 110	Y LOAD BALANCING	703,348 703,348 81,295 <b>703,348</b>		16,451 15,193 7,426 <b>39,070</b>			16,494 16,036 7,793 <b>40,323</b>
								1.050
5.	REVENUE INC./(DE	EC.)						1,253
5.	REVENUE INC./(DE	:C.) <u>Rate Block</u> m³	Contracts &	Adju: EB-201 <u>Rate</u> cents*		Rate <u>Change</u> cents*		pposed 016-0184 Revenues \$000
6.6 6.2 6.3 6.4 6	RATE 115  Customer Charge Demand Charge Delivery Charge Total Distribution Ch	Rate Block m³  Contracts  first 1,000,000 over 1,000,000	Volumes	EB-201 Rate	6-0021 Revenues	<u>Change</u>	EB-20 Rate	pposed 016-0184 <u>Revenues</u>
6.6 6.2 6.3 6.4	RATE 115  Customer Charge Demand Charge Delivery Charge	Rate Block m³  Contracts first 1,000,000 over 1,000,000 harge	Volumes 10 <sup>3</sup> m <sup>3</sup> 300 19,861 157,328 359,750	EB-201 Rate cents* \$622.62 24.3600 0.3439	6-0021 Revenues \$000 187 4,838 541 877	\$0.00 0.000 0.0076	### Rate cents*  \$622.62 24.3600 0.3515	posed 016-0184 Revenues \$000 187 4,838 553 905
6.6 6.2 6.3 6.4 6	RATE 115  Customer Charge Demand Charge Delivery Charge  Total Distribution Ch Load Balancing Con Gas Supply Transpo	Rate Block m³  Contracts first 1,000,000 over 1,000,000 narge nmodity ortation nad Balancing dity - System dity - Buy/Sell	Volumes 10³ m³ 300 19,861 157,328 359,750 517,078	EB-201 Rate cents* \$622.62 24.3600 0.3439 0.2439 0.1036	6-0021 Revenues \$000 187 4,838 541 877 6,443 536 1,159	Change cents*  \$0.00 0.0000 0.0076 0.0076	### Rate cents*  \$622.62 24.3600 0.3515 0.2515	187 4,838 553 905 6,482
6.6 6.2 6.3 6.4 6 7.1 7.2 7	RATE 115  Customer Charge Demand Charge Delivery Charge  Total Distribution Ch  Load Balancing Con Gas Supply Transpo Total Gas Supply Lo  Gas Supply Commo Gas Supply Commo Total Gas Supply Ch  TOTAL DISTRIBUTI	Rate Block m³  Contracts first 1,000,000 over 1,000,000 narge nmodity ortation and Balancing dity - System dity - Buy/Sell narge ION LY LOAD BALANCING	Volumes 10³ m³ 300 19,861 157,328 359,750 517,078 21,737	EB-201  Rate cents*  \$622.62 24.3600 0.3439 0.2439  0.1036 5.3338	6-0021 Revenues \$000  187 4,838 541 877 6,443  536 1,159 1,695	\$0.00 0.0000 0.0076 0.0076 0.0056 0.2974	EB-20 Rate cents*  \$622.62 24.3600 0.3515 0.2515  0.1092 5.6312  9.5858	posed 016-0184 Revenues \$000 187 4,838 553 905 6,482 564 1,224 1,788 0 0

NOTE: \* Cents unless otherwise noted.

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<u>DETA</u>	AILED REVENUE CAI	<u>LCULATION</u>	EB-2016-0021 vs EB-2016-0184						
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item			Contracts &		sted  6-0021	Rate		oposed 016-0184	
No.		Rate Block m³	Volumes 10 <sup>3</sup> m <sup>3</sup>	Rate cents*	Revenues \$000	Change cents*	Rate cents*	Revenues \$000	
	RATE 125								
1.1 1.2 1.	Customer Charge Demand Charge Total Distribution Char	ge	60 119,224 <b>119,224</b>	\$ 500.00 9.0962	30 10,845 <b>10,875</b>	\$ -	\$ 500.00 9.0962	30 10,845 <b>10,875</b>	
2	REVENUE INC./(DEC.	.)						0	
				Adju	ısted		Pro	oposed	
Item		Data Black	Contracts &		16-0021	Rate	EB-2	016-0184	
No.	RATE 135	Rate Block m³	Volumes 10³ m³	Rate cents*	Revenues \$000	Change cents*	Rate cents*	Revenues \$000	
	DEC to MAD								
1.1	DEC to MAR Customer Charge	Contracts	176	\$115.08	20	\$0.00	\$115.08	20	
1.2	Delivery Charge	first 14,000	596	7.0727	42	0.0070	7.0797	42	
1.3 1.4		next 28,000 over 42,000	942 2,410	5.8727 5.4727	55 132	0.0070 0.0070	5.8797 5.4797	55 132	
1.	Total Distribution Char	,	3,948	0.1727	250	0.0070	0.1707	250	
2.1	Gas Supply Load Bala	ncing	3,948	0.0000	0	0.0000	0.0000	0	
2.2 2.3	Gas Supply Transporta Seasonal Credit	ation	1,772	5.3338	94 (499)	0.2974	5.6312	100 (499)	
		Cuatam	212	0.1440		0.4515	0.5064	20	
3.1 3.2	Gas Supply Commodit Gas Supply Commodit		213 0	9.1449 9.1239	20 0	0.4515 0.4515	9.5964 9.5754	0	
3.	Total Gas Supply Char	ge	213		20			20	
4.	SUB-TOTAL WINTER				-136			-129	
	APR to NOV								
5.1	Customer Charge	Contracts	352	\$115.08	41	\$0.00	\$115.08	41	
5.2	Delivery Charge	first 14,000	4,506	2.3727	107	0.0070	2.3797	107	
5.3 5.4		next 28,000 over 42,000	8,537	1.6727 1.4727	143 623	0.0070 0.0070	1.6797 1.4797	143	
5. <del>4</del> 5.	Total Distribution Char	,	<u>42,288</u> 55,331	1.4727	913	0.0070	1.4797	626 917	
6.1	Gas Supply Load Bala	ncina	55,331	0.0000	0	0.0000	0.0000	0	
6.2	Gas Supply Transporta	u	29,153	5.3338	1,555	0.2974	5.6312	1,642	
7.1	Gas Supply Commodit	v - System	3,555	9.1449	325	0.4515	9.5964	341	
7.2	Gas Supply Commodit	y - Buy/Sell	0	9.1239	0	0.4515	9.5754	0	
7.	Total Gas Supply Char	ge	3,555		325			341	
8.	SUB-TOTAL SUMMER	₹			2,793			2,900	
9.1	TOTAL DISTRIBUTION		59,278		1,163			1,167	
9.2 9.3	TOTAL GAS SUPPLY TOTAL GAS SUPPLY		59,278 3,768		1,150 345			1,242 362	
9.	TOTAL RATE 135		59,278		2,657			2,770	
10.	REVENUE INC./(DEC.	.)						113	

NOTE \* Cents unless otherwise noted.

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#### **DETAILED REVENUE CALCULATION**

#### EB-2016-0021 vs EB-2016-0184

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item			Contracts &	Adju: EB-201		Rate		posed 016-0184
No.		Rate Block	<u>Volumes</u>	Rate	Revenues	<u>Change</u>	Rate	Revenues
	<u>RATE 145</u>	m³	10³ m³	cents*	\$000	cents*	cents*	\$000
1.1	Customer Charge	Contracts	624	\$123.34	77	\$0.00	\$123.34	77
1.2	Demand Charge		10,860	8.2300	894	-	8.2300	894
1.2	Delivery Charge	first 14,000	8,311	2.9029	241	0.0138	2.9167	242
1.3		next 28,000	15,323	1.5439	237	0.0138	1.5577	239
1.4		over 42,000	64,931	0.9849	640	0.0138	0.9987	648
1.	Total Distribution Cha	arge	88,566		2,088			2,100
2.1	Gas Supply Load Ba		88,566	0.6254	554	0.0352	0.6606	585
2.2	Gas Supply Transpor	rtation	24,187	5.3338	1,290	0.2974	5.6312	1,362
2.3	Curtailment Credit				(485)			(485)
3.1	Gas Supply Commod		11,222	9.1378	1,025	0.4515	9.5893	1,076
3.2	Gas Supply Commod	, ,	0	9.1167	0	0.4516	9.5683	0
3.	Total Gas Supply Ch	arge	11,222		1,025			1,076
4.1	TOTAL DISTRIBUTION	ON	88,566		2,088			2,100
4.2	TOTAL GAS SUPPL	Y LOAD BALANCING	88,566		1,359			1,462
4.3	TOTAL GAS SUPPL	Y COMMODITY	11,222		1,025			1,076
4.	TOTAL RATE 145		88,566		4,472			4,638
5.	REVENUE INC./(DE	C.)						167
5.	REVENUE INC./(DE	C.)		Adju	sted		Pro	167
5.	REVENUE INC./(DE	,	Contracts &	EB-201	6-0021	Rate	EB-20	posed 016-0184
5.	REVENUE INC./(DE	Rate Block	Volumes	EB-201 Rate	6-0021 Revenues	<u>Change</u>	EB-20 Rate	posed 016-0184 <u>Revenues</u>
5.	,	,	-	EB-201	6-0021		EB-20	posed 016-0184
	RATE 170	Rate Block	Volumes 10³ m³	EB-201 Rate cents*	6-0021 <u>Revenues</u> \$000	<u>Change</u> cents*	EB-20 Rate cents*	posed 016-0184 <u>Revenues</u> \$000
6.6	RATE 170 Customer Charge	Rate Block	Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-201 Rate cents*	6-0021 <u>Revenues</u> \$000	Change cents*	Rate cents*	posed 016-0184 Revenues \$000
6.6 6.2	RATE 170  Customer Charge Demand Charge	Rate Block m³ Contracts	Volumes 10 <sup>3</sup> m <sup>3</sup> 300 42,020	EB-201 Rate cents* \$279.31 4.0900	6-0021 <u>Revenues</u> \$000 84 1,719	Change cents* \$0.00 0.0000	Rate cents*  \$279.31 4.0900	posed 016-0184 <u>Revenues</u> \$000 84 1,719
6.6 6.2 6.3	RATE 170 Customer Charge	Rate Block m³  Contracts first 1,000,000	Volumes 10³ m³ 300 42,020 206,043	EB-201  Rate cents*  \$279.31 4.0900 0.4821	6-0021 Revenues \$000 84 1,719 993	Change cents* \$0.00 0.0000 0.0088	EB-20 Rate cents* \$279.31 4.0900 0.4909	posed 016-0184 Revenues \$000 84 1,719 1,011
6.6 6.2 6.3 6.4	RATE 170  Customer Charge Demand Charge Delivery Charge	Rate Block m³  Contracts  first 1,000,000 over 1,000,000	Volumes 10³ m³ 300 42,020 206,043 119,614	EB-201 Rate cents* \$279.31 4.0900	6-0021 Revenues \$000 84 1,719 993 337	Change cents* \$0.00 0.0000	Rate cents*  \$279.31 4.0900	posed 016-0184 Revenues \$000 84 1,719 1,011 348
6.6 6.2 6.3 6.4 6	RATE 170  Customer Charge Demand Charge	Rate Block m³  Contracts  first 1,000,000 over 1,000,000	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657	EB-201 Rate cents* \$279.31 4.0900 0.4821 0.2821	6-0021 Revenues \$000 84 1,719 993 337 3,133	Change cents*  \$0.00 0.0000 0.0008 0.0088	### Rate cents*  \$279.31  4.0900  0.4909  0.2909	84 1,719 1,011 348 3,162
6.6 6.2 6.3 6.4 6	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 325,657	EB-201 Rate cents* \$279.31 4.0900 0.4821 0.2821 0.2985	6-0021 Revenues \$000 84 1,719 993 337 3,133 972	Change cents*  \$0.00 0.0000 0.0088 0.0087	### Rate cents*  \$279.31 4.0900 0.4909 0.2909  0.3153	84 1,719 1,011 348 3,162
6.6 6.2 6.3 6.4 6	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transport	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657	EB-201 Rate cents* \$279.31 4.0900 0.4821 0.2821	6-0021 Revenues \$000 84 1,719 993 337 3,133 972 4,799	Change cents*  \$0.00 0.0000 0.0008 0.0088	### Rate cents*  \$279.31  4.0900  0.4909  0.2909	84 1,719 1,011 348 3,162 1,027 5,066
6.6 6.2 6.3 6.4 6	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 325,657	EB-201 Rate cents* \$279.31 4.0900 0.4821 0.2821 0.2985	6-0021 Revenues \$000 84 1,719 993 337 3,133 972	Change cents*  \$0.00 0.0000 0.0088 0.0087	### Rate cents*  \$279.31 4.0900 0.4909 0.2909  0.3153	84 1,719 1,011 348 3,162
6.6 6.2 6.3 6.4 6	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpor Curtailment Credit  Gas Supply Commod	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing rtation	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 325,657	EB-201 Rate cents* \$279.31 4.0900 0.4821 0.2821 0.2985	6-0021 Revenues \$000 84 1,719 993 337 3,133 972 4,799	Change cents*  \$0.00 0.0000 0.0088 0.0087	### Rate cents*  \$279.31 4.0900 0.4909 0.2909  0.3153	84 1,719 1,011 348 3,162 1,027 5,066
6.6 6.2 6.3 6.4 6 7.1 7.7 7.3 8.1 8.2	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpor Curtailment Credit  Gas Supply Commod Gas Supply Commod	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing rtation dity - System dity - Buy/Sell	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 325,657 89,965 34,100 0	\$279.31 4.0900 0.4821 0.2821 0.2985 5.3338	6-0021 Revenues \$000  84 1,719 993 337 3,133  972 4,799 (3,926)  3,115 0	\$0.00 0.0000 0.0088 0.0087 0.0168 0.2974	\$279.31 4.0900 0.4909 0.2909 0.3153 5.6312	84 1,719 1,011 348 3,162 1,027 5,066 (3,926) 3,269 0
6.6 6.2 6.3 6.4 6 7.1 7.7 7.3	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpor Curtailment Credit  Gas Supply Commod	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing rtation dity - System dity - Buy/Sell	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 325,657 89,965	EB-201  Rate cents*  \$279.31 4.0900 0.4821 0.2821  0.2985 5.3338	6-0021 Revenues \$000  84 1,719 993 337 3,133  972 4,799 (3,926) 3,115	\$0.00 0.0000 0.0088 0.0087 0.0168 0.2974	EB-20 Rate cents* \$279.31 4.0900 0.4909 0.2909 0.3153 5.6312	84 1,719 1,011 348 3,162 1,027 5,066 (3,926)
6.6 6.2 6.3 6.4 6 7.1 7.7 7.3 8.1 8.2 8.	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpor Curtailment Credit  Gas Supply Commod Gas Supply Commod	Rate Block m³  Contracts  first 1,000,000 over 1,000,000 arge lancing rtation  dity - System dity - Buy/Sell arge	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 89,965 34,100 0 34,100 325,657	EB-201  Rate cents*  \$279.31 4.0900 0.4821 0.2821  0.2985 5.3338	6-0021 Revenues \$000  84 1,719 993 337 3,133  972 4,799 (3,926)  3,115 0 3,115 3,133	\$0.00 0.0000 0.0088 0.0087 0.0168 0.2974	EB-20 Rate cents* \$279.31 4.0900 0.4909 0.2909 0.3153 5.6312	84 1,719 1,011 348 3,162 1,027 5,066 (3,926) 3,269 0
6.6 6.2 6.3 6.4 6 7.1 7.7 7.3 8.1 8.2 8.	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpoi Curtailment Credit  Gas Supply Commod Gas Supply Commod Total Gas Supply Ch  TOTAL DISTRIBUTION TOTAL GAS SUPPLE	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing rtation  dity - System dity - Buy/Sell arge  ON Y LOAD BALANCING	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 89,965 34,100 0 34,100 325,657 325,657	EB-201  Rate cents*  \$279.31 4.0900 0.4821 0.2821  0.2985 5.3338	6-0021 Revenues \$000  84 1,719 993 337 3,133  972 4,799 (3,926)  3,115 0 3,115 3,133 1,845	\$0.00 0.0000 0.0088 0.0087 0.0168 0.2974	EB-20 Rate cents* \$279.31 4.0900 0.4909 0.2909 0.3153 5.6312	84 1,719 1,011 348 3,162 1,027 5,066 (3,926) 3,269 0 3,162 2,167
6.6 6.2 6.3 6.4 6 7.1 7.7 7.3 8.1 8.2 8. 9.1 9.2 9.3	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpoi Curtailment Credit  Gas Supply Commod Gas Supply Commod Total Gas Supply Ch  TOTAL DISTRIBUTION TOTAL GAS SUPPLE TOTAL GAS SUPPLE	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing rtation  dity - System dity - Buy/Sell arge  ON Y LOAD BALANCING	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 325,657 89,965 34,100 34,100 325,657 325,657 325,657 325,657	EB-201  Rate cents*  \$279.31 4.0900 0.4821 0.2821  0.2985 5.3338	6-0021 Revenues \$000  84 1,719 993 337 3,133  972 4,799 (3,926)  3,115 0 3,115 3,133 1,845 3,115	\$0.00 0.0000 0.0088 0.0087 0.0168 0.2974	EB-20 Rate cents* \$279.31 4.0900 0.4909 0.2909 0.3153 5.6312	9posed 916-0184 Revenues \$000 84 1,719 1,011 348 3,162 1,027 5,066 (3,926) 3,269 0 3,269 0 3,162 2,167 3,269
6.6 6.2 6.3 6.4 6 7.1 7.7 7.3 8.1 8.2 8.	RATE 170  Customer Charge Demand Charge Delivery Charge  Total Distribution Cha Gas Supply Load Ba Gas Supply Transpoi Curtailment Credit  Gas Supply Commod Gas Supply Commod Total Gas Supply Ch  TOTAL DISTRIBUTION TOTAL GAS SUPPLE	Rate Block m³  Contracts first 1,000,000 over 1,000,000 arge lancing rtation  dity - System dity - Buy/Sell arge  ON Y LOAD BALANCING	Volumes 10³ m³ 300 42,020 206,043 119,614 325,657 89,965 34,100 0 34,100 325,657 325,657	EB-201  Rate cents*  \$279.31 4.0900 0.4821 0.2821  0.2985 5.3338	6-0021 Revenues \$000  84 1,719 993 337 3,133  972 4,799 (3,926)  3,115 0 3,115 3,133 1,845	\$0.00 0.0000 0.0088 0.0087 0.0168 0.2974	EB-20 Rate cents* \$279.31 4.0900 0.4909 0.2909 0.3153 5.6312	84 1,719 1,011 348 3,162 1,027 5,066 (3,926) 3,269 0 3,162 2,167

NOTE: \* Cents unless otherwise noted.

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# DETAILED REVENUE CALCULATION

# EB-2016-0021 vs EB-2016-0184

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item		Contracts &	Adju EB-201		Rate		posed 016-0184
No.	Rate Block	<u>Volumes</u>	Rate	Revenues	<u>Change</u>	Rate	Revenues
	m³ RATE 200	10³ m³	cents*	\$000	cents*	cents*	\$000
	IVATE 200						
1.1	Customer Charge Contracts	12	\$0.00	0	\$0.00	\$0.00	0
1.2	Demand Charge	14,818	14.7000	2,178	0.0000	14.7000	2,178
1.3	Delivery Charge	170,837	1.0720	1,831	0.0085	1.0805	1,846
1.	Total Distribution Charge	170,837		4,010			4,024
2.1	Gas Supply Load Balancing	170,837	1.2660	2,163	0.0674	1.3334	2,278
2.2	Gas Supply Transportation	165,105	5.3338	8,806	0.2974	5.6312	9,297
2.3	Curtailment Credit			(202)			(202)
3.1	Gas Supply Commodity - System	129,109	9.1342	11,793	0.4516	9.5858	12,376
3.2	Gas Supply Commodity - System  Gas Supply Commodity - Buy/Sell	129,109	9.1131	0	0.4516	9.5647	12,370
3.	Total Gas Supply Charge	129,109	0.1101	11,793	0.1010	0.0017	12,376
		2, 22		,			,
4.1	TOTAL DISTRIBUTION	170,837		4,010			4,024
4.2	TOTAL GAS SUPPLY LOAD BALANCING	170,837		10,767			11,373
4.3	TOTAL GAS SUPPLY COMMODITY	129,109		11,793			12,376
4.	TOTAL RATE 200	170,837		26,570			27,774
5.	REVENUE INC./(DEC.)						1,204
			Adju	sted		Pro	posed
		Contracts &	EB-201		Rate		)16-0184
	Rate Block	Volumes	Rate	Revenues	<u>Change</u>	Rate	Revenues
	m³	10³ m³	cents*	\$000	cents*	cents*	\$000
	RATE 300						
	Firm Customer Charge	24	\$500.00	12	0.0000	\$500.00	12
	Customer Charge	24	φ300.00	12	0.0000	φ300.00	12
	Demand Charge	187	25.6543	48	0.0000	25.6543	48
	Interruptible						
	Minimum Delivery Charge	34,992	0.3343	117	0.0000	0.3343	117
	Maximum Delivery Charge	0	1.0121	0	0.0000	1.0121	0
	- <del>-</del>						
8.	TOTAL RATE 300 CDS	0		177			177
9.	REVENUE INC./(DEC.)						0

NOTE: \* Cents unless otherwise noted.

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# **ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

# (A) EB-2016-0184 @ 37.69 MJ/m $^3$ vs (B) EB-2016-0021 @ 37.69 MJ/m $^3$

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Hea	ating & Wate	er Htg.		Heating,	Water Htg. &	Other Uses	5
			(A)	(B)	CHANG	<b>E</b>	(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.	\$	222.94	216.38	6.56	3.0%	336.05	326.19	9.86	3.0%
1.4	LOAD BALANCING	§ \$	223.26	211.69	11.57	5.5%	341.82	324.10	17.72	5.5%
1.5	SALES COMMDTY	\$	294.99	281.15	13.84	4.9%	451.64	430.44	21.20	4.9%
1.6	TOTAL SALES	\$	981.19	949.22	31.97	3.4%	1,369.51	1,320.73	48.78	3.7%
1.7	TOTAL T-SERVICE	\$	686.20	668.07	18.13	2.7%	917.87	890.29	27.58	3.1%
1.8	SALES UNIT RATE	\$/m³	0.3202	0.3098	0.0104	3.4%	0.2919	0.2815	0.0104	3.7%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2240	0.2180	0.0059	2.7%	0.1957	0.1898	0.0059	3.1%
1.10	SALES UNIT RATE	\$/GJ	8.4965	8.2196	0.2768	3.4%	7.7459	7.4700	0.2759	3.7%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.9420	5.7850	0.1570	2.7%	5.1915	5.0355	0.1560	3.1%

# **Heating Only**

# Heating & Water Htg.

				ricuting Of	,	ricuting a water ring.				
			(A)	(B)	CHANG	<b>=</b>	(A)	(B)	CHANG	E
					(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.	\$	143.02	138.79	4.23	3.0%	148.82	144.40	4.42	3.1%
2.4	LOAD BALANCING	§ \$	142.45	135.06	7.39	5.5%	146.10	138.51	7.59	5.5%
2.5	SALES COMMDTY	\$	188.22	179.39	8.83	4.9%	193.04	183.97	9.07	4.9%
2.6	TOTAL SALES	\$	713.69	693.24	20.45	2.9%	727.96	706.88	21.08	3.0%
2.7	TOTAL T-SERVICE	\$	525.47	513.85	11.62	2.3%	534.92	522.91	12.01	2.3%
2.8	SALES UNIT RATE	\$/m³	0.3651	0.3546	0.0105	2.9%	0.3631	0.3526	0.0105	3.0%
2.9	T-SERVICE UNIT RATE	\$/m³	0.2688	0.2628	0.0059	2.3%	0.2668	0.2608	0.0060	2.3%
2.10	SALES UNIT RATE	\$/GJ	9.6858	9.4083	0.2775	2.9%	9.6331	9.3542	0.2790	3.0%
2.11	T-SERVICE UNIT RATE	\$/GJ	7.1314	6.9737	0.1577	2.3%	7.0786	6.9197	0.1589	2.3%

 $<sup>\</sup>$  The Load Balancing Charge shown here includes proposed transportation charges

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# **ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

# (A) EB-2016-0184 @ 37.69 MJ/m³ vs (B) EB-2016-0021 @ 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	;	Ge	neral & Wate	er Htg.	
			(A) (B) CHANGE			(A)	(B)	CHANG	E	
					(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.	\$	361.42	350.80	10.62	3.0%	84.04	81.51	2.53	3.1%
3.4	LOAD BALANCING	§ \$	367.86	348.75	19.11	5.5%	78.80	74.70	4.10	5.5%
3.5	SALES COMMDTY	\$	486.00	463.19	22.81	4.9%	104.08	99.19	4.89	4.9%
3.6	TOTAL SALES	\$	1,455.28	1,402.74	52.54	3.7%	506.92	495.40	11.52	2.3%
3.7	TOTAL T-SERVICE	\$	969.28	939.55	29.73	3.2%	402.84	396.21	6.63	1.7%
3.8	SALES UNIT RATE	\$/m³	0.2883	0.2779	0.0104	3.7%	0.4689	0.4583	0.0107	2.3%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1920	0.1861	0.0059	3.2%	0.3727	0.3665	0.0061	1.7%
3.10	SALES UNIT RATE	\$/GJ	7.6489	7.3728	0.2761	3.7%	12.4419	12.1592	0.2827	2.3%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.0945	4.9383	0.1563	3.2%	9.8874	9.7246	0.1627	1.7%

<sup>§</sup> The Load Balancing Charge shown here includes proposed transportation charges

#### Heating & Water Htg.

# Heating & Water Htg.

			(A)	(B)	CHANGE		(A)	(B)	CHANG	E
					(A) - (B)	%			(A) - (B)	%
4.1	VOLUME	m³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
4.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	182.07	176.66	5.41	3.1%	176.23	171.02	5.21	3.0%
4.4	LOAD BALANCING	§ \$	180.72	171.34	9.38	5.5%	174.89	165.82	9.07	5.5%
4.5	SALES COMMDTY	\$	238.77	227.57	11.20	4.9%	231.05	220.23	10.82	4.9%
4.6	TOTAL SALES	\$	841.56	815.57	25.99	3.2%	822.17	797.07	25.10	3.1%
4.7	TOTAL T-SERVICE	\$	602.79	588.00	14.79	2.5%	591.12	576.84	14.28	2.5%
4.8	SALES UNIT RATE	\$/m³	0.3393	0.3289	0.0105	3.2%	0.3426	0.3321	0.0105	3.1%
4.9	T-SERVICE UNIT RATE	\$/m³	0.2431	0.2371	0.0060	2.5%	0.2463	0.2404	0.0060	2.5%
4.10	SALES UNIT RATE	\$/GJ	9.0034	8.7254	0.2781	3.2%	9.0892	8.8117	0.2775	3.1%
4.11	T-SERVICE UNIT RATE	\$/GJ	6.4489	6.2907	0.1582	2.5%	6.5349	6.3770	0.1579	2.5%

<sup>§</sup> The Load Balancing Charge is included in the Delivery Charge in the applicable rate Schedule.

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

# (A) EB-2016-0184 @ 37.69 MJ/m³ vs (B) EB-2016-0021 @ 37.69 MJ/m³

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Commer	cial Heating 8	& Other Use	es	Com. Htg.	, Air Cond'ng	& Other Us	es
			(A)	(B)	CHANG	<u>E</u>	(A)	(B)	CHANG	E
					(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.	\$	1,366.33	1,308.96	57.37	4.4%	1,753.08	1,679.45	73.63	4.4%
1.4	LOAD BALANCING	§ \$	1,621.88	1,537.43	84.45	5.5%	2,100.55	1,991.21	109.34	5.5%
1.5	SALES COMMDTY	\$	2,182.17	2,080.06	102.11	4.9%	2,826.20	2,693.98	132.22	4.9%
1.6	TOTAL SALES	\$	6,010.38	5,766.45	243.93	4.2%	7,519.83	7,204.64	315.19	4.4%
1.7	TOTAL T-SERVICE	\$	3,828.21	3,686.39	141.82	3.8%	4,693.63	4,510.66	182.97	4.1%
1.8	SALES UNIT RATE	\$/m³	0.2659	0.2551	0.0108	4.2%	0.2568	0.2461	0.0108	4.4%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1693	0.1631	0.0063	3.8%	0.1603	0.1541	0.0062	4.1%
1.10	SALES UNIT RATE	\$/GJ	7.0543	6.7680	0.2863	4.2%	6.8146	6.5290	0.2856	4.4%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.4931	4.3266	0.1665	3.8%	4.2534	4.0876	0.1658	4.1%

# **Medium Commercial Customer**

# Large Commercial Customer

			(A)	(B)	CHANG	E	(A)	(B)	CHANG	E
					(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.	\$	7,358.00	7,048.92	309.08	4.4%	13,472.01	12,906.13	565.88	4.4%
2.4	LOAD BALANCING	§ \$	12,165.36	11,532.05	633.31	5.5%	24,330.64	23,064.06	1,266.58	5.5%
2.5	SALES COMMDTY	\$	16,367.91	15,602.18	765.73	4.9%	32,735.74	31,204.25	1,531.49	4.9%
2.6	TOTAL SALES	\$	36,731.27	35,023.15	1,708.12	4.9%	71,378.39	68,014.44	3,363.95	4.9%
2.7	TOTAL T-SERVICE	\$	20,363.36	19,420.97	942.39	4.9%	38,642.65	36,810.19	1,832.46	5.0%
2.8	SALES UNIT RATE	\$/m³	0.2166	0.2065	0.0101	4.9%	0.2105	0.2006	0.0099	4.9%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1201	0.1145	0.0056	4.9%	0.1139	0.1085	0.0054	5.0%
2.10	SALES UNIT RATE	\$/GJ	5.7475	5.4802	0.2673	4.9%	5.5845	5.3213	0.2632	4.9%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.1863	3.0389	0.1475	4.9%	3.0233	2.8799	0.1434	5.0%

<sup>§</sup> The Load Balancing Charge shown here includes proposed transportation charges

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

# (A) EB-2016-0184 @ 37.69 MJ/m³ vs (B) EB-2016-0021 @ 37.69 MJ/m³

Item										
No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Inc	dustrial Gene	ral Use		Industr	ial Heating &	Other Uses	
			(A)	(B)	CHANG		(A)	(B)	CHANG	<u> </u>
					(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.	\$	2,422.31	2,320.58	101.73	4.4%	3,248.79	3,112.34	136.45	4.4%
3.4	LOAD BALANCING	§ \$	3,105.51	2,943.84	161.67	5.5%	4,584.75	4,346.08	238.67	5.5%
3.5	SALES COMMDTY	\$	4,178.30	3,982.82	195.48	4.9%	6,168.54	5,879.95	288.59	4.9%
3.6	TOTAL SALES	\$	10,546.12	10,087.24	458.88	4.5%	14,842.08	14,178.37	663.71	4.7%
3.7	TOTAL T-SERVICE	\$	6,367.82	6,104.42	263.40	4.3%	8,673.54	8,298.42	375.12	4.5%
3.8	SALES UNIT RATE	\$/m³	0.2436	0.2330	0.0106	4.5%	0.2323	0.2219	0.0104	4.7%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1471	0.1410	0.0061	4.3%	0.1357	0.1299	0.0059	4.5%
3.10	SALES UNIT RATE	\$/GJ	6.4644	6.1831	0.2813	4.5%	6.1624	5.8868	0.2756	4.7%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.9033	3.7418	0.1615	4.3%	3.6012	3.4455	0.1557	4.5%

# **Medium Industrial Customer**

# Large Industrial Customer

			(A)	(B)	CHANGE		(A)	(B)	CHANGI	E
					(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.	\$	7,534.91	7,218.41	316.50	4.4%	13,603.64	13,032.19	571.45	4.4%
4.4	LOAD BALANCING	§ \$	12,165.36	11,532.04	633.32	5.5%	24,330.56	23,064.02	1,266.54	5.5%
4.5	SALES COMMDTY	\$	16,367.91	15,602.15	765.76	4.9%	32,735.64	31,204.16	1,531.48	4.9%
4.6	TOTAL SALES	\$	36,908.18	35,192.60	1,715.58	4.9%	71,509.84	68,140.37	3,369.47	4.9%
4.7	TOTAL T-SERVICE	\$	20,540.27	19,590.45	949.82	4.8%	38,774.20	36,936.21	1,837.99	5.0%
4.8	SALES UNIT RATE	\$/m³	0.2177	0.2075	0.0101	4.9%	0.2109	0.2009	0.0099	4.9%
4.9	T-SERVICE UNIT RATE	\$/m³	0.1211	0.1155	0.0056	4.8%	0.1143	0.1089	0.0054	5.0%
4.10	SALES UNIT RATE	\$/GJ	5.7752	5.5067	0.2684	4.9%	5.5948	5.3311	0.2636	4.9%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.2140	3.0654	0.1486	4.8%	3.0336	2.8898	0.1438	5.0%

 $<sup>\</sup>$  The Load Balancing Charge shown here includes proposed transportation charges

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# ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

# (A) EB-2016-0184 @ 37.69 MJ/m $^{3}$ vs (B) EB-2016-0021 @ 37.69 MJ/m $^{3}$

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Rate 100	- Small Com	mercial Firm	1	Rate 100	- Average Co	mmercial Firn	n
			(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.	\$	13,405	13,382	24	0.2%	65,639	65,597	42	0.1%
1.4	LOAD BALANCING	\$	24,335	23,068	1,267	5.5%	42,944	40,709	2,236	5.5%
1.5	SALES COMMDTY	\$	32,742	31,210	1,532	4.9%	57,780	55,077	2,703	4.9%
1.6	TOTAL SALES	\$	71,946	69,124	2,822	4.1%	167,827	162,847	4,980	3.1%
1.7	TOTAL T-SERVICE	\$	39,205	37,914	1,290	3.4%	110,048	107,770	2,277	2.1%
1.8	SALES UNIT RATE	\$/m³	0.2121	0.2038	0.0083	4.1%	0.2804	0.2721	0.0083	3.1%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1156	0.1118	0.0038	3.4%	0.1839	0.1800	0.0038	2.1%
1.10	SALES UNIT RATE	\$/GJ	5.6278	5.4071	0.2208	4.1%	7.4392	7.2184	0.2208	3.1%
1.11	T-SERVICE UNIT RATE	\$/GJ	3.0667	2.9657	0.1009	3.4%	4.8780	4.7771	0.1009	2.1%

# Rate 100 - Small 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.	\$	131,703	131,598	105	0.1%
2.4	LOAD BALANCING	\$	107,618	102,016	5,602	5.5%
2.5	SALES COMMDTY	\$	144,795	138,021	6,774	4.9%
2.6	TOTAL SALES	\$	385,580	373,099	12,481	3.3%
2.7	TOTAL T-SERVICE	\$	240,785	235,078	5,707	2.4%
2.8	SALES UNIT RATE	\$/m³	0.2571	0.2487	0.0083	3.3%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1605	0.1567	0.0038	2.4%
2.10	SALES UNIT RATE	\$/GJ	6.8202	6.5994	0.2208	3.3%
2.11	T-SERVICE UNIT RATE	\$/GJ	4.2590	4.1581	0.1009	2.4%

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

# (A) EB-2016-0184 @ 37.69 MJ/m³ vs (B) EB-2016-0021 @ 37.69 MJ/m³

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
			Rate 145 -	Small Comr	mercial Inte	rr.	Rate 145 - Average Commercial Interr.				
		(A)		(B) CHANGE		E	(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.	\$	10,160	9,154	1,006	11.0%	14,868	13,092	1,775	13.6%	
3.4	LOAD BALANCING	\$	19,480	18,353	1,128	6.1%	34,378	32,387	1,990	6.1%	
3.5	SALES COMMDTY	\$	32,526	30,994	1,531	4.9%	57,398	54,696	2,703	4.9%	
3.6	TOTAL SALES	\$	63,646	59,981	3,665	6.1%	108,124	101,656	6,468	6.4%	
3.7	TOTAL T-SERVICE	\$	31,120	28,986	2,134	7.4%	50,725	46,960	3,765	8.0%	
3.8	SALES UNIT RATE	\$/m³	0.1876	0.1768	0.0108	6.1%	0.1806	0.1698	0.0108	6.4%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.0917	0.0855	0.0063	7.4%	0.0847	0.0785	0.0063	8.0%	
3.10	SALES UNIT RATE	\$/GJ	4.9786	4.6919	0.2867	6.1%	4.7927	4.5060	0.2867	6.4%	
3.11	T-SERVICE UNIT RATE	\$/GJ	2.4343	2.2674	0.1669	7.4%	2.2485	2.0815	0.1669	8.0%	

#### Rate 145 - Small Industrial Interr.

#### Rate 145 - Average Industrial Interr.

			(A)	(B)	CHANGE		(A)	(B)	CHANG	E
					(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.	\$	10,432	9,426	1,006	10.7%	15,109	13,334	1,775	13.3%
4.4	LOAD BALANCING	\$	19,480	18,353	1,128	6.1%	34,377	32,387	1,990	6.1%
4.5	SALES COMMDTY	\$	32,526	30,994	1,531	4.9%	57,398	54,696	2,703	4.9%
4.6	TOTAL SALES	\$	63,919	60,253	3,665	6.1%	108,365	101,897	6,468	6.3%
4.7	TOTAL T-SERVICE	\$	31,393	29,259	2,134	7.3%	50,967	47,201	3,765	8.0%
4.8	SALES UNIT RATE	\$/m³	0.1884	0.1776	0.0108	6.1%	0.1810	0.1702	0.0108	6.3%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0926	0.0863	0.0063	7.3%	0.0851	0.0789	0.0063	8.0%
4.10	SALES UNIT RATE	\$/GJ	4.9999	4.7132	0.2867	6.1%	4.8034	4.5167	0.2867	6.3%
4 11	T-SERVICE UNIT RATE	\$/G.I	2 4556	2 2887	0.1669	7.3%	2 2592	2 0923	0.1669	8.0%

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

# (A) EB-2016-0184 @ 37.69 MJ/m $^{3}$ vs (B) EB-2016-0021 @ 37.69 MJ/m $^{3}$

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
		Rate 110	110 - Small Ind. Firm - 50% LF		.F	Rate 110	- Average Ind.	l. Firm - 50% LF	
		(A)	(B)	CHANG	<u>E</u>	(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.	\$	13,294	12,727	567	4.5%	217,791	208,341	9,451	4.5%
5.4 LOAD BALANCING	\$	35,524	33,652	1,872	5.6%	592,060	560,863	31,196	5.6%
5.5 SALES COMMDTY	\$	57,378	54,674	2,703	4.9%	956,291	911,239	45,052	4.9%
5.6 TOTAL SALES	\$	113,244	108,102	5,142	4.8%	1,773,191	1,687,492	85,699	5.1%
5.7 TOTAL T-SERVICE	\$	55,866	53,427	2,439	4.6%	816,900	776,253	40,647	5.2%
5.8 SALES UNIT RATE	\$/m³	0.1892	0.1806	0.0086	4.8%	0.1777	0.1692	0.0086	5.1%
5.9 T-SERVICE UNIT RATE	\$/m³	0.0933	0.0893	0.0041	4.6%	0.0819	0.0778	0.0041	5.2%
### SALES UNIT RATE	\$/GJ	5.0197	4.7917	0.2279	4.8%	4.7159	4.4880	0.2279	5.1%
### T-SERVICE UNIT RATE	\$/GJ	2.4763	2.3682	0.1081	4.6%	2.1726	2.0645	0.1081	5.2%

# Rate 110 - Average Ind. Firm - 75% LF

# Rate 115 - Large Ind. Firm - 80% LF

		(A)	(B)	CHANG	E	(A)	(B)	CHANGE	<b>.</b>
				(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.	\$	170,834	161,383	9,451	5.9%	886,033	797,722	88,312	11.1%
6.4 LOAD BALANCING	\$	592,060	560,863	31,196	5.6%	4,008,640	3,797,097	211,543	5.6%
6.5 SALES COMMDTY	\$	956,291	911,239	45,052	4.9%	6,694,037	6,378,672	315,365	4.9%
6.6 TOTAL SALES	\$	1,726,233	1,640,534	85,699	5.2%	11,596,182	10,980,962	615,219	5.6%
6.7 TOTAL T-SERVICE	\$	769,942	729,295	40,647	5.6%	4,902,144	4,602,290	299,854	6.5%
6.8 SALES UNIT RATE	\$/m³	0.1730	0.1644	0.0086	5.2%	0.1661	0.1572	0.0088	5.6%
6.9 T-SERVICE UNIT RATE	\$/m³	0.0772	0.0731	0.0041	5.6%	0.0702	0.0659	0.0043	6.5%
### SALES UNIT RATE	\$/GJ	4.5910	4.3631	0.2279	5.2%	4.4058	4.1721	0.2337	5.6%
### T-SERVICE UNIT RATE	\$/GJ	2.0477	1.9396	0.1081	5.6%	1.8625	1.7486	0.1139	6.5%

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

# (A) EB-2016-0184 @ 37.69 MJ/m³ vs (B) EB-2016-0021 @ 37.69 MJ/m³

Item <u>No.</u>			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			
		<u> </u>	(A)	(B)	CHANG	E	(A)	(B)	CHANGE	<u>:                                    </u>
					(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.	\$	10,281	8,732	1,549	17.7%	74,026	65,761	8,265	12.6%
7.4	LOAD BALANCING	\$	28,664	26,884	1,780	6.6%	472,966	441,634	31,332	7.1%
7.5	SALES COMMDTY	\$	57,441	54,738	2,703	4.9%	956,291	911,239	45,052	4.9%
7.6	TOTAL SALES	\$	97,767	91,736	6,031	6.6%	1,506,635	1,421,985	84,649	6.0%
7.7	TOTAL T-SERVICE	\$	40,326	36,997	3,329	9.0%	550,344	510,747	39,597	7.8%
7.8	SALES UNIT RATE	\$/m³	0.1633	0.1533	0.0101	6.6%	0.1510	0.1425	0.0085	6.0%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0674	0.0618	0.0056	9.0%	0.0552	0.0512	0.0040	7.8%
7.10	SALES UNIT RATE	\$/GJ	4.3336	4.0663	0.2673	6.6%	4.0070	3.7819	0.2251	6.0%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.7875	1.6399	0.1475	9.0%	1.4637	1.3584	0.1053	7.8%

# Rate 170 - Average Ind. Interr. - 75% LF

# Rate 170 - Large Ind. Interr. - 75% LF

			(A)	(B)	CHANG	E	(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.	\$	66,841	58,576	8,265	14.1%	352,318	294,462	57,856	19.6%
8.4	LOAD BALANCING	\$	472,966	441,634	31,332	7.1%	3,310,765	3,091,440	219,325	7.1%
8.5	SALES COMMDTY	\$	956,291	911,239	45,052	4.9%	6,694,037	6,378,672	315,365	4.9%
8.6	TOTAL SALES	\$	1,499,450	1,414,801	84,649	6.0%	10,360,472	9,767,926	592,546	6.1%
8.7	TOTAL T-SERVICE	\$	543,159	503,562	39,597	7.9%	3,666,435	3,389,254	277,181	8.2%
8.8	SALES UNIT RATE	\$/m³	0.1503	0.1418	0.0085	6.0%	0.1484	0.1399	0.0085	6.1%
8.9	T-SERVICE UNIT RATE	\$/m³	0.0544	0.0505	0.0040	7.9%	0.0525	0.0485	0.0040	8.2%
8.10	SALES UNIT RATE	\$/GJ	3.9879	3.7628	0.2251	6.0%	3.9363	3.7112	0.2251	6.1%
8.11	T-SERVICE UNIT RATE	\$/GJ	1.4446	1.3393	0.1053	7.9%	1.3930	1.2877	0.1053	8.2%

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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 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.

**Diversion:** 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.

**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 = 28.32784 cubic metres (m<sup>3</sup>) 1 billion cubic feet (cf) = 28.32784  $10^{6}$ 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 (m³) = 35.30096 cubic feet (cf) 1,000 cubic metres =  $10^3$ m³ = 35,300.96 cf = 35,300.96 Mcf 28.32784 m³ = 1 Mcf Pressure:

1 kilopascal (kPa) = 1,000 pascals = 0.145 pounds per square inch

(p.s.i.)

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 \text{ per } 10^3\text{m}^3 = $0.02832784 \text{ per Mcf}$ 

\$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 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.

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ENBRIDGE

**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 allinclusively 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.

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 in conjunction with a Western Buy/Sell Arrangement or pursuant to an Ontario Delivery Transportation Service Arrangement, whether Bundled or Unbundled, or a Western Bundled Transportation Service Arrangement.

#### **B.** 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.





#### C. Ontario Delivery T-Service Arrangements

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.

# D. 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.

#### PART III

# TERMS AND CONDITIONS APPLICABLE TO ALL SERVICES

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

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#### **SECTION A - AVAILABILITY**

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

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In addition, for service under each of the Large Volume Distribution Contact 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.

#### **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

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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 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.

# <u>SECTION O - COMPANY RESPONSIBILTY AND LIABILITY</u>

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

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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.

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.

# <u>SECTION E - DISPOSITION OF BANKED GAS</u> 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

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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 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 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 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.

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RESIDENTIAL SERVICE

#### 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/m³.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$20.00
Delivery Charge per cubic metre	
For the first 30 m³ per month	9.8114 ¢/m³
For the next 55 m³ per month	9.2860 ¢/m³
For the next 85 m³ per month	8.8745 ¢/m³
For all over 170 m³ per month	8.5678 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.6276 ¢/m³

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.

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RATE NUMBER: 6 GENERAL SERVICE

#### 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
Monthly Customer Charge	\$70.00
Delivery Charge per cubic metre	
For the first 500 m³ per month	9.5298 ¢/m³
For the next 1050 m³ per month	7.6488 ¢/m³
For the next 4500 m³ per month	6.3316 ¢/m³
For the next 7000 m³ per month	5.4852 ¢/m³
For the next 15250 m³ per month	5.1092 ¢/m³
For all over 28300 m³ per month	5.0148 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.6530 ¢/m³

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.

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RATE NUMBER: 9 CONTAINER SERVICE

#### 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
Monthly Customer Charge	\$235.95
Delivery Charge per cubic metre	
For the first 20,000 m³ per month	10.6665 ¢/m³
For all over 20,000 m <sup>3</sup> per month	9.9853 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre	9.5858 ¢/m³

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:**

(If applicable)

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.

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FIRM CONTRACT SERVICE

#### 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>.

Traces per cubic metre accume an energy content of errors me.	Billing Month January to
	December
Monthly Customer Charge	\$122.01
Delivery Charge Per cubic metre of Contract Demand Per cubic metre of gas delivered	36.0000 ¢/m³ 0.1402 ¢/m³
Gas Supply Load Balancing Charge	1.5434 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.6530 ¢/m³

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.

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# LARGE VOLUME LOAD FACTOR SERVICE

#### 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>.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$587.37
Delivery Charge	
Per cubic metre of Contract Demand	22.9100 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m³ per month	0.7090 ¢/m³
For all over 1,000,000 m³ per month	0.5590 ¢/m³
Gas Supply Load Balancing Charge	0.3036 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
Transportation onargo per outro motio	0.0012 Will
System Sales Gas Supply Charge per cubic metre (If applicable)	9.5858 ¢/m³

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

#### **DIRECT PURCHASE ARRANGEMENTS:**

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

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

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

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

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#### MINIMUM BILL:

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

6.6144 ¢/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.

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# LARGE VOLUME LOAD FACTOR SERVICE

#### 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>.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$622.62
Delivery Charge	
Per cubic metre of Contract Demand	24.3600 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m³ per month	0.3515 ¢/m³
For all over 1,000,000 m³ per month	0.2515 ¢/m³
Gas Supply Load Balancing Charge	0.1092 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.5858 ¢/m³

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

#### **DIRECT PURCHASE ARRANGEMENTS:**

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

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

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

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

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#### **MINIMUM BILL:**

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

6.0625 ¢/m3

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

#### TERMS AND CONDITIONS OF SERVICE:

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

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#### EXTRA LARGE FIRM DISTRIBUTION SERVICE

#### 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.

Monthly Customer Charge \$500.00

Demand Charge

Per cubic metre of the Contract Demand or the Billing 9.0962 ¢/m³

Contract Demand, as applicable, per month

Direct Purchase Administration Charge \$75.00

Forecast Unaccounted For Gas Percentage 0.7%

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

#### TERMS AND CONDITIONS OF SERVICE:

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

# 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

0.30 ¢/m3

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

#### 5. Unauthorized Demand Overrun:

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

#### 6. Unauthorized Supply Overrun:

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

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

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

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

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#### 7. Unauthorized Supply Underrun:

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

- 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<sub>u</sub>) which is equal to fifty percent (50%) of the lowest price in effect for that day as defined below\*\*.

\* where the price P<sub>e</sub> 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. \$\text{/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<sub>u</sub> expressed in cents / cubic metre is defined as follows:

$$P_u = (P_1 * E_r * 100 * 0.03769 / 1.055056) * 0.5$$

 $P_l$  = 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.

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#### **Maximum Contractual Imbalance:**

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

#### Winter and Summer Seasons:

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

#### **Operational Flow Order:**

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

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

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

#### **Daily Balancing Fee:**

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

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

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

- Tier 1 = 0.8825 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance
- Tier 2 = 1.059 cents/m3 applied to Daily Imbalance of greater than 10% but less than the Maximum Contractual Imbalance

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

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

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

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

The Company will waive Daily Balancing Fee and Cumulative Imbalance Charge on the day of an Operational Flow Order if the customer used less gas that 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 1.0589 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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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# **SEASONAL FIRM SERVICE**

#### 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	g Month
	December	April
	to	to
	March	November
Monthly Customer Charge	\$115.08	\$115.08
Delivery Charge		
For the first 14,000 m³ per month	7.0797 ¢/m³	2.3797 ¢/m³
For the next 28,000 m <sup>3</sup> per month	5.8797 ¢/m³	1.6797 ¢/m³
For all over 42,000 m³ per month	5.4797 ¢/m³	1.4797 ¢/m³
Gas Supply Load Balancing Charge	0.0000 ¢/m³	0.0000 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.5964 ¢/m³	9.5964 ¢/m³

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 \$  $0.77 / m^3$ Rate per cubic metre of Modified Mean Daily Volume for December \$  $0.77 / m^3$ 

#### 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:

December and March 25.4218 ¢/m³

January and February 63.5545 ¢/m³

# MINIMUM BILL:

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

9.5482 ¢/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 July 1, 2016 under Sales Service and Transportation Service. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021, effective April 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/m³.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$123.34
Delivery Charge	
Per cubic metre of Contract Demand	8.2300 ¢/m³
For the first 14,000 m³ per month	2.9167 ¢/m³
For the next 28,000 m³ per month	1.5577 ¢/m³
For all over 42,000 m³ per month	0.9987 ¢/m³
Gas Supply Load Balancing Charge	0.6606 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.5893 ¢/m³

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 /m³

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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):

9.1791 ¢/m3

## TERMS AND CONDITIONS OF SERVICE:

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

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after July 1, 2016 under Sales Service and Transportation Service. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021, effective April 1, 2016.

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# LARGE INTERRUPTIBLE SERVICE

## 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
Monthly Customer Charge	\$279.31
Delivery Charge	
Per cubic metre of Contract Demand	4.0900 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m³ per month	0.4909 ¢/m³
For all over 1,000,000 m <sup>3</sup> per month	0.2909 ¢/m³
Gas Supply Load Balancing Charge	0.3153 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.5858 ¢/m³

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 /m³

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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):

6.4080 ¢/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 July 1, 2016 under Sales Service and Transportation Service. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021, effective April 1, 2016.

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RATE NUMBER: 200 WHOLESALE SERVICE

## 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
Monthly Customer Charge	
The monthly customer charge shall be	
negotiated with the applicant and shall not exceed:	\$2,000.00
Delivery Charge	
Per cubic metre of Firm Contract Demand	14.7000 ¢/m³
Per cubic metre of gas delivered	1.0805 ¢/m³
Gas Supply Load Balancing Charge	1.3334 ¢/m³
Transportation Charge per cubic metre	5.6312 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	9.5858 ¢/m³
Buy/Sell Sales Gas Supply Charge per cubic metre (If applicable)	9.5647 ¢/m³

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 /m³

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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):

8.0158 ¢/m3

# TERMS AND CONDITIONS OF SERVICE:

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

## **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after July 1, 2016 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates as the Board Order, EB-2016-0021, effective April 1, 2016.

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300

# FIRM OR INTERRUPTIBLE DISTRIBUTION SERVICE

#### 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 25.6543 ¢/m³

Interruptible Service:

Minimum Delivery Charge 0.3343 ¢/m³

Maximum Delivery Charge 1.0121 ¢/m³

Direct Purchase Administration Charge \$75.00

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

# TERMS AND CONDITIONS OF SERVICE:

Forecast Unaccounted For Gas Percentage

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.

0.7%

# 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).

#### 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
- the volume of gas delivered by the Applicant on that day shall constitute Unauthorized Supply Overrun Gas.

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

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

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## 7. Unauthorized Supply Underrun:

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

- i. any applicable Rate 300 Load Balancing Provision pursuant to Rate 300 and/or provisions of Rate 315, plus
- 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<sub>u</sub>) which is equal to fifty percent (50%) of the lowest price in effect for that day as defined below\*\*.

 $^{\star}$  where the price P $_{\rm e}$  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. \$\text{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:

 $P_{II} = (P_{I} * E_{r} * 100 * 0.03769 / 1.055056) * 0.5$ 

 $P_l$  = 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 with the parameters of this rate schedule, including interruptible service and load balancing provisions, jeopardizes either the safety or reliability of the gas system. The Company shall provide notice to the customer of such termination; however, no notice is required to alleviate emergency conditions.

#### Load Balancing:

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

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## LOAD BALANCING PROVISIONS:

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

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

#### Definitions:

#### **Aggregate Delivery:**

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

## **Applicable Delivery Area:**

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

#### **Primary Delivery Area:**

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

## **Secondary Delivery Area:**

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

## **Actual Consumption:**

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

## Net Available Delivery:

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

## **Daily Imbalance:**

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

#### **Cumulative Imbalance:**

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

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#### **Maximum Contractual Imbalance:**

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

#### Winter and Summer Seasons:

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

#### **Operational Flow Order:**

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

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

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

## **Daily Balancing Fee:**

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

(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 0.8825 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.059 cents/m3

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

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

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

The Company will waive Daily Balancing Fee and Cumulative Imbalance Charge on the day of an Operational Flow Order if the customer used less gas that 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 0.6725 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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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GAS STORAGE SERVICE

## 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<sup>th</sup> 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 x customers's maximum hourly demand) / 0.1] x 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.

Monthly Customer Charge: \$150.00

**Storage Reservation Charge:** 

Monthly Storage Space Demand Charge 0.0479 ¢/m³

Monthly Storage Deliverability Demand Charge 20.9601 ¢/m³

Injection & Withdrawal Unit Charge: 0.3075 ¢/m³

Monthly Minimum Bill: The sum of the Monthly Customer Charge plus Monthly Demand Charges.

# **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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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# **GAS STORAGE SERVICE AT DAWN**

#### 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<sup>th</sup> 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 x customers's maximum hourly demand) / 0.1] x 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.

Monthly Customer Charge: \$150.00

**Storage Reservation Charge:** 

Monthly Storage Space Demand Charge 0.0479 ¢/m³

Monthly Storage Deliverability Demand Charge 5.0657 ¢/m³

Injection & Withdrawal Unit Charge: 0.0790 ¢/m³

Monthly Minimum Bill: The sum of the Monthly Customer Charge plus Monthly Demand Charges.

# **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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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RATE NUMBER: <b>320</b>	BACKSTOPPING SERVICE
320	DAOROTOT TING CERTICE

#### 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:

Billing Month	
January	
to	
December	

## **Gas Supply Charge**

Per cubic metre of gas sold

15.8231 ¢/m3

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 July 1, 2016 under Sales Service and Transportation Service. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021, effective April 1, 2016.

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# TRANSMISSION, COMPRESSION AND POOL STORAGE SERVICE

## 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:

	Transmission &	Pool	
	Compression	Storage	
	\$/10³m³	\$/10 <sup>3</sup> m <sup>3</sup>	
Demand Charge for:			_
Annual Turnover Volume	0.2022	0.1905	
Maximum Daily Withdrawal Volume	22.2507	21.1873	
Commodity Charge	0.8680	0.1190	

#### **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
    - 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 \$/10³m³ / Year	Overrun Charge \$/10³m³ / Day
Transmission & Compression		
Authorized	2.6695	0.7315
Unauthorized	-	293.7093
Pool Storage		
Authorized	2.5148	0.6966
Unauthorized	-	279.6719

(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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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# TRANSMISSION AND COMPRESSION AND POOL STORAGE

## 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.

	Fu	Short Cycle	
	Firm \$/10³m³	Interruptible \$/10³m³	\$/10³m³
Monthly Demand Charge per unit of Annual Turnover Volume:	<u> </u>	\$/10-111-	\$/10-111-
Minimum	0.3927	0.3927	_
Maximum	1.9637	1.9637	-
Monthly Demand Charge per unit of Contracted Daily Withdrawal:			
Minimum	43.4380	34.7505	-
Maximum	217.1898	173.7519	-
Commodity Charge per unit of gas delivered to / received from storage:			
Minimum	0.9870	0.9870	0.3683
Maximum	4.9350	4.9350	40.5712

# **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/m3, 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.

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# **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 \$/10³m³	Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	\$/10³m³
Authorized Overrun			
Annual Turnover Volume			
Negotiable, not to exceed:	40.5712	40.5712	40.5712
Authorized Overrun			
Daily Injection/Withdrawal			
Negotiable, not to exceed:	40.5712	40.5712	40.5712
Unauthorized Overrun			
Annual Turnover Volume			
Excess Storage Balance			
September 1 - November 30	405.7120	405.7120	405.7120
December 1 - October 31	40.5712	40.5712	40.5712

Unauthorized Overrun Annual Turnover Volume Negative Storage Balance

## 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.
- 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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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**TECUMSEH TRANSPORTATION SERVICE** 

## 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 July 1, 2016, shall apply in respect of FT and IT Service under this Rate Schedule:

	Demand Rate \$/10³m³	Commodity Rate \$/10 <sup>3</sup> m <sup>3</sup>
FT Service	5.6430	-
IT Service	-	0.2230

**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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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

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RIDER:	TRANSPORTATION SERVICE RIDER

#### 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:

Fixed Charge \$75.00 per month

Account Charge \$0.21 per month per account

## **AVERAGE COST OF TRANSPORTATION:**

The average cost of transportation effective July 1, 2016:

Point of Acceptance	Firm Transportation (FT)
CDA, EDA	5.6312 ¢/m³

## 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:

- The Company will accommodate TCPL FT capacity turnback requests from customers, but only if it can do so in accordance with the following considerations:
  - 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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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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:

Fixed Charge \$75.00 per month

Account Charge \$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 July 1, 2016. This rate schedule is effective July 1, 2016 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2016 and that indicates the Board Order, EB-2016-0021 effective April 1, 2016.

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RIDER: C

# **GAS COST ADJUSTMENT RIDER**

The following adjustment is applicable to all gas sold or delivered during the period of July 1, 2016 to June 30, 2017.

Rate Class	Sales Service (¢/m³)	Western Transportation Service ( ¢/m³ )	Ontario Transportation Service ( ¢/m³ )
Rate 1	0.3160	0.2970	0.2730
Rate 6	0.2945	0.2836	0.2596
Rate 9	(0.8675)	0.0270	0.0030
Rate 100	0.2945	0.2836	0.2596
Rate 110	(0.5645)	0.0776	0.0536
Rate 115	(0.8742)	0.0441	0.0201
Rate 135	(0.8804)	0.0240	0.0000
Rate 145	(0.1038)	0.1520	0.1280
Rate 170	(0.2061)	0.0873	0.0633
Rate 200	0.3303	0.2535	0.2295

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Rate Class		Sales Service ( ¢/m³ )	Western Transportation Service ( ¢/m³ )	Ontario Transportation Service ( ¢/m³ )
Rate 1	Commodity	0.0190		
	Transportation	0.0240	0.0240	
	Load Balancing	0.2730	0.2730	0.2730
	Total	0.3160	0.2970	0.2730
Rate 6	Commodity	0.0109		
rate o	Transportation	0.0240	0.0240	
	Load Balancing	<u>0.2596</u>	<u>0.2596</u>	<u>0.2596</u>
	Total	0.2945	0.2836	0.2596
Rate 9	Commodity	(0.8945)		
	Transportation	0.0240	0.0240	
	Load Balancing	0.0030	0.0030	0.0030
	Total	(0.8675)	0.0270	0.0030
Rate 100	Commodity	0.0109		
	Transportation	0.0240	0.0240	
	Load Balancing	0.2596	0.2596	0.2596
	Total	0.2945	0.2836	0.2596
Rate 110	Commodity	(0.6421)		
	Transportation	0.0240	0.0240	
	Load Balancing	<u>0.0536</u>	<u>0.0536</u>	<u>0.0536</u>
	Total	(0.5645)	0.0776	0.0536
Rate 115	Commodity	(0.9183)		
Nate 115	Transportation	0.0240	0.0240	
	Load Balancing			0.0201
	Total	<u>0.0201</u> (0.8742)	<u>0.0201</u> 0.0441	<u>0.0201</u> 0.0201
	. 300	(0.01 12)	0.0 111	3.0201
Rate 135	Commodity	(0.9044)		
	Transportation	0.0240	0.0240	
	Load Balancing	0.0000	0.0000	0.0000
	Total	(0.8804)	0.0240	0.0000

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Rate Class		Sales Service ( ¢/m³ )	Western Transportation Service ( ¢/m³ )	Ontario Transportation Service ( ¢/m³)
Rate 145	Commodity	(0.2558)		
	Transportation	0.0240	0.0240	
	Load Balancing	<u>0.1280</u>	<u>0.1280</u>	<u>0.1280</u>
	Total	(0.1038)	0.1520	0.1280
Rate 170	Commodity	(0.2934)		
	Transportation <u>Load Balancing</u>	0.0240 <u>0.0633</u>	0.0240 <u>0.0633</u>	0.0633
	Total	(0.2061)	0.0873	0.0633
Rate 200	Commodity	0.0768		
	Transportation	0.0240	0.0240	
	Load Balancing	0.2295	<u>0.2295</u>	0.2295
	Total	0.3303	0.2535	0.2295

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RIDER: **D** 

# SITE RESTORATION COST CLEARANCE

The following adjustment is applicable to volumes during the period of January 1, 2016 to December 31, 2016.

Rate Class	( ¢/m³ )
Rate 1	(1.2315)
Rate 6	(0.4373)
Rate 9	(0.1838)
Rate 100	(0.4373)
Rate 110	(0.1396)
Rate 115	(0.1078)
Rate 135	(0.0126)
Rate 145	(0.0829)
Rate 170	(0.0280)
Rate 200	(0.0914)

# **Unbundled Services**

Rate Class	( ¢/m³ )	
Rate 125 - per m³ of contract demand	(0.9120)	
Rate 300 - per m³ of contract demand	(3.0640)	
Rate 300 (Interruptible)	(0.0788)	

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# REVENUE ADJUSTMENT RIDER

The following adjustment shall be applicable to volumes during the period July 1, 2016 to September 30, 2016.

		Western	Ontario
Bundled Services	Sales	Transportation	Transportation
Rate Class	Service	Service	Service
	(¢/m³)	( ¢/m³ )	( ¢/m³ )
Rate 1	1.8702	1.8702	1.8702
Rate 6	1.8492	1.8492	1.8492
Rate 9	0.0000	0.0000	0.0000
Rate 100	0.0000	0.0000	0.0000
Rate 110	0.2532	0.2532	0.2532
Rate 115	0.2634	0.2634	0.2634
Rate 135	0.1407	0.1407	0.1407
Rate 145	0.9815	0.9815	0.9815
Rate 170	0.2412	0.2412	0.2412
Rate 200	0.0612	0.0612	0.0612

<u>Unbundled Services</u> Rate Class	Distribution Service
Rate 125	0.0834 (cent/m3 per CD)
Rate 300	0.0000 (cent/m3 per CD)
Rate 300 Interruptible	0.0000 (cent/m3)

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The following elevation factors shall be applicable to metered volumes measured by a meter that does not correct for atmospheric pressure.

Zone	Elevation Factor
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 30	0.9983 0.9992
31	0.9992
32	1.0000
33	1.0007
33 34	1.0017
3 <del>4</del> 35	1.0025
36	1.0054
37	1.0051
38	1.0170
50	1.0170

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RIDER:

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# **SERVICE CHARGES**

Rate (excluding HST)

\$25.00

\$70.00

\$70.00

\$15.00

\$10.00

\$20.00

\$280.00

**New Account Or Activation** 

New Account Charge

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 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

Seasonal for all other revenue classes, or

Pool Heater for residential only

Statement of Account

Lawyer Letter Handling Charge

Provide the customer's lawyer with gas bill information.

Statement of Account Charge (for one year history)

Cheques Returned Non-Negotiable Charge

Gas Termination

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

Safety Inspection

Inspection Charge \$70.00

For inspection of gas appliances; the Company provides only one inspection free of charge, upon first time introduction of gas

to a premise.

Inspection Reject Charge (safety inspection) \$70.00

Energy Board Inspection rejects are billed to the meter

installer or homeowner.

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### **Meter Test**

Meter Test Charge

When a customer disputes the reading on his/her meter, he/she may request to have the meter tested. This charge will apply if the test result confirms the meter is recording consumption correctly.

Residential meters \$105.00

Non-Residential meters Time & Material per Contractor

Street Service Alteration

Street Service Alteration Charge \$32.00

For installation of service line beyond allowable guidelines

(for new residential services only)

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 \$140.00

Other Services (including ad-hoc customer requests and charges to customers and third parties for responding, investigating and repairing damages to Company facilities)

Cut Off At Main Charge - Commercial & Special Requests custom quoted

Cut Off At Main charges for commercial services and other residential services that involve significantly more work than the average will be custom quoted.

Cut Off At Main Charge - Other Customer Requests \$1,300.00

Other residential Cut Off At Main requests due to demolitions, fires, inactive services, etc. will be charged at the standard COAM rate.

Meter In-Out (Residential Only)) \$280.00

Relocate the meter from inside to outside per customer request

Request For Service Call Information \$30.00

Provide written information of the result of a service call

as requested by home owners.

Temporary Meter Removal \$280.00

As requested by customers.

Damage Meter Charge \$380.00

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RIDER:	1	BALANCING SERVICE RIDER
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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 or both Western Points of Acceptance). For transfers between pools that have dissimilar Points of Acceptance (i.e. one an Ontario and one a Western Point of Acceptance), the Company will apply the following Administration Charge per transaction to the Applicant transferring the natural gas (i.e. the seller or transferor).

**Administration Charge:** 

\$169.00 per transaction

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 an Applicant with an Ontario Point of Acceptance. 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 an Applicant with an Ontario Point of Acceptance.

### **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 Commodity Charge \$50.00 per transaction \$0.4935 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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RIDER:	L
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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 transfered 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





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## Rate Rider Summary July 2016 - QRAM Q3

		Sales	Western	Ontario
Item <u>No.</u>	Description	Service Unit Rate	Transportation Service Unit Rate	Transportation Service Unit Rate
110.	Вострион	Col. 1	Col. 2	Col. 3
		$(\phi/m^3)$	(¢/m³)	(¢/m³)
1.	Rate 1	0.3160	0.2970	0.2730
2.	Rate 6	0.2945	0.2836	0.2596
3.	Rate 9	(0.8675)	0.0270	0.0030
4.	Rate 100	0.2945	0.2836	0.2596
5.	Rate 110	(0.5645)	0.0776	0.0536
6.	Rate 115	(0.8742)	0.0441	0.0201
7.	Rate 135	(0.8804)	0.0240	0.0000
8.	Rate 145	(0.1038)	0.1520	0.1280
9.	Rate 170	(0.2061)	0.0873	0.0633
10.	Rate 200	0.3303	0.2535	0.2295

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Summary of Commodity Rider July 2016 - QRAM Q3

			Inventory	Total	
Item		Commodity	Adjustment	Commodity	
No.	Description	Unit Rate	Unit Rate	Unit Rate	5
		Col. 1	Col. 2	Col. 3	1
		(¢/m³)	(¢/m³)	(¢/m³)	
<del>-:</del>	Rate 1	(0.9044)	0.9234	0.0190	
2.	Rate 6	(0.9044)	0.9153	0.0109	
ю́.	Rate 9	(0.9044)	0.0099	(0.8945)	
4.	Rate 100	0.0000	0.0000	0.0000	
2.	Rate 110	(0.9044)	0.2623	(0.6421)	
9	Rate 115	(0.9044)	(0.0139)	(0.9183)	
7.	Rate 135	(0.9044)	0.0000	(0.9044)	
89	Rate 145	(0.9044)	0.6486	(0.2558)	
б	Rate 170	(0.9044)	0.6110	(0.2934)	
10.	Rate 200	(0.9044)	0.9812	0.0768	

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

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 3 of 16

Summary of Transportation Rider July 2016 - QRAM Q3

Total Transportation Unit Rate Col. 1 (¢/m³)	0.0240	0.0240	0.0240	0.0000	0.0240	0.0240	0.0240	0.0240	0.0240	0.0240
Description	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200
ltem No.	<del>-</del>	2	က်	4.	5.	9	7.	ώ	တ်	10.

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 4 of 16

Summary for Load Balancing Rider July 2016 - QRAM Q3

					F
tem		Peaking Supplies		_	l otal Load Balancing
No.	Description	Unit Rate	Unit Rate	6	Unit Rate (1)
		Col. 1	Col. 2	Col. 3	Col. 4
		(¢/m³)	(¢/m³)	(¢/m³)	(¢/m³)
<del>-</del>	Rate 1	0.0194	0.2563	(0.0027)	0.2730
2	Rate 6	0.0154	0.2464	(0.0022)	0.2596
Э	Rate 9	0.0003	0.0027	0.0000	0.0030
4.	Rate 100	0.0000	0.0000	0.0000	0.0000
5.	Rate 110	0.0020	0.0519	(0.0003)	0.0536
9	Rate 115	0.0005	0.0197	(0.0001)	0.0201
7.	Rate 135	0.0000	0.0000	0.0000	0.0000
œ.	Rate 145	0.0000	0.1280	0.0000	0.1280
<b>б</b>	Rate 170	0.0000	0.0633	0.0000	0.0633
10.	Rate 200	0.0095	0.2213	(0.0013)	0.2295

Notes: (1) Col. 4 = Col. 1 + Col. 2 + Col. 3

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 5 of 16

Unit Rates for Component: Gas in Inventory Revaluation **ENBRIDGE GAS DISTRIBUTION INC.** 

		Col. 5	(¢/m³)	0.9234	0.9153	0.0099	0.0000	0.2623	(0.0139)	0.0000	0.6486	0.6110	0.9812
	- - - - - - -	lotal C	ું <del>છે</del>	9.0	9.0	0.0	0.0	0.2	(0.0	0.0	9.0	9.0	9.0
		(4)											
	July	Col. 4	(¢/m³)	0.0217	0.0215	0.0002	0.0000	0.0061	0.0000	0.0000	0.0154	0.0145	0.0230
	9	(3) (8)											
Year 2016	April	Col. 3	(¢/m³)	0.2198	0.2181	0.0023	0.000	0.0622	0.0000	0.0000	0.1558	0.1466	0.2333
	(	(3) 											
	January	Col. 2	(¢/m³)	0.7557	0.7498	0.0081	0.0000	0.2137	0.0000	0.0000	0.5357	0.5042	0.8023
	   	) E 											
Year 2015	October	Col. 1	(¢/m³)	(0.0737)	(0.0741)	(0.0008)	0.0000	(0.0197)	(0.0139)	0.0000	(0.0583)	(0.0544)	(0.0775)
		1											
		Description		Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200
		Item No.		~	2	က	4	2	9	7	∞	თ	10

Notes: (1) EB-2015-0242, Exhibit Q4-3, Tab 4, Schedule 8, Page 11 (2) EB-2015-0327, Exhibit Q1-3, Tab 4, Schedule 8, Page 11 (3) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 11 (4) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 11 (5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 6 of 16

Unit Rates for Component: Commodity **ENBRIDGE GAS DISTRIBUTION INC.** 

		Total Unit Rate (5)	Col. 5	(¢/m³)	(0.9044)		(0.9044)	(0.9044)	00	8	(0.9044)	;	(0.9044)	(0.9044)	(0.9044)	:	(0.9044)	(0.9044)
		(4) Total U	ပိ	<b>(φ</b> )	6.0)		6.0)	6.0)	00000	5	6.0)		6.0)	6.0)	6.0)		6.0)	6.0)
	July		Col. 4	(¢/m³)	(0.7559)		(0.7559)	(0.7559)	00000	0000	(0.7559)		(0.7559)	(0.7559)	(0.7559)		(0.7559)	(0.7559)
Year 2016	April	Q2 (3)	Col. 3	(¢/m³)	(0.1000)		(0.1000)	(0.1000)	0000	00000	(0.1000)		(0.1000)	(0.1000)	(0.1000)	:	(0.1000)	(0.1000)
	January	Q1 (2)	Col. 2	(¢/m³)	(0.0946)		(0.0946)	(0.0946)	0000	0000	(0.0946)		(0.0946)	(0.0946)	(0.0946)	:	(0.0946)	(0.0946)
Year 2015	October	Q4 (1)	Col. 1	(¢/m³)	0.0462		0.0462	0.0462	0000	00000	0.0462		0.0462	0.0462	0.0462	,	0.0462	0.0462
		Description			Rate 1	,	Rate 6	Rate 9	Rate 100		Rate 110	7	Kate 115	Rate 135	Rate 145	0.42	Kale 170	Rate 200
		Item No.			~		7	က	4	t	5		9	7	8	1	တ	10

 (1) EB-2015-0242, Exhibit Q4-3, Tab 4, Schedule 8, Page 12
 (2) EB-2015-0327, Exhibit Q1-3, Tab 4, Schedule 8, Page 12
 (3) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 12
 (4) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 12
 (5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4 Notes:

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 7 of 16

Unit Rates for Component: Transportation ENBRIDGE GAS DISTRIBUTION INC.

		Rate (5)		_	_	_	_	_	_	_	_	_	_
	: - - - -	Total Unit Rate	Col. 5 (¢/m³)	0.0240	0.0240	0.0240	0.0000	0.0240	0.0240	0.0240	0.0240	0.0240	0.0240
	; 	<u>4</u>											
	July	03	Col. 4 (¢/m³)	0.0111	0.0111	0.0111	0.0000	0.0111	0.0111	0.0111	0.0111	0.0111	0.0111
		(3)											
Year 2016	April	Q2	Col. 3 (¢/m³)	0.0048	0.0048	0.0048	0.0000	0.0048	0.0048	0.0048	0.0048	0.0048	0.0048
	:	(2)											
	January	ω 1	Col. 2 (¢/m³)	0.0142	0.0142	0.0142	0.0000	0.0142	0.0142	0.0142	0.0142	0.0142	0.0142
	   	E_ 											
Year 2015	October	Q4	Col. 1 (¢/m³)	(0.0060)	(0.0060)	(0.0060)	0.0000	(0.0060)	(0.0060)	(0.0060)	(0.0060)	(0.0060)	(0.0060)
		1											
	C	Description		Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200
	<u> </u>	Item No.		-	8	ო	4	5	9	7	ω	თ	10

Notes: (1) EB-2015-0242, Exhibit Q4-3, Tab 4, Schedule 8, Page 13 (2) EB-2015-0327, Exhibit Q1-3, Tab 4, Schedule 8, Page 13 (3) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 13 (4) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 13 (5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 8 of 16

Unit Rates for Component: Peaking Supplies ENBRIDGE GAS DISTRIBUTION INC.

		Total Unit Rate (5)		(¢/m³)	0.0194	0.0154	0.0003	0.0000	0.0020	0.0005	0.0000	0.0000	0.0000	0.0095
	July	Q3 (4)		(¢/m³)	(0.0080)	(0.0063)	(0.0001)	0.0000	(0.0008)	(0.0002)	0.0000	0.0000	0.0000	(0.0039)
Year 2016	April	Q2 (3)		(¢/m³)	0.0274	0.0217	0.0004	0.0000	0.0028	0.0007	0.0000	0.0000	0.0000	0.0133
	January	Q1 (2)		(¢/m³)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Year 2015	October	Q4 (1)		(¢/m³)	0.000	0.0000	0.000	0.0000	0.0000	0.000	0.0000	0.0000	0.000	0.000
	-	Description			Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200
		Item No.			-	2	ဇ	4	Ŋ	9	2	ω	o,	10

Notes: (1) EB-2015-0242, Exhibit Q4-3, Tab 4, Schedule 8, Page 14 (2) EB-2015-0327, Exhibit Q1-3, Tab 4, Schedule 8, Page 14 (3) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 14 (4) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 14 (5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 9 of 16

ENBRIDGE GAS DISTRIBUTION INC. Unit Rates for Component: Delivered Supplies

	Total Unit Rate (5) Col. 5 (¢/m³)	0.2563	0.2464	0.0027	0.0000	0.0519	0.0197	0.0000	0.1280	0.0633	0.2213
	Col. 4 (¢/m³)	(0.0300)	(0.0287)	(0.0003)	0.0000	(0.0060)	(0.0022)	0.0000	(0.0143)	(0.0068)	(0.0260)
16	Q2 (3) Col. 3 (¢/m³)	0.2501	0.2398	0.0027	0.0000	0.0499	0.0184	0.0000	0.1194	0.0569	0.2174
>	Q1 (2) Col. 2 (¢/m³)	(0.0373)	(0.0358)	(0.0004)	0.0000	(0.0074)	(0.0027)	0.0000	(0.0178)	(0.0085)	(0.0324)
15 sr	Col. 1 (¢/m³)	0.0734	0.0710	0.0008	0.0000	0.0154	0.0063	0.0000	0.0406	0.0217	0.0624
:	Description	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200
:	Item No.	-	2	ဇ	4	Ŋ	9	7	∞	O	10

Notes: (1) EB-2015-0242, Exhibit Q4-3, Tab 4, Schedule 8, Page 16 (2) EB-2015-0327, Exhibit Q1-3, Tab 4, Schedule 8, Page 16 (3) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 16 (4) EB-2016-0184, Exhibit Q3-3, Tab 4, Schedule 8, Page 16 (5) Col. 5 = Col. 1 + Col. 2 + Col. 3 + Col. 4

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 10 of 16

Unit Rates for Component: Curtailment Revenue **ENBRIDGE GAS DISTRIBUTION INC.** 

		Total Unit Rate (5)	COI. 30	(¢/m³)	(22000)	(0.0022)	0.000	0.000	(0.0003)	(0.0001)	0.0000	0.0000	0.000	(6,000,0)	(0.0013)
		Q3 (4)	Co. 4	(¢/m³)	0000	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.0000	0000	0.0000
Year 2016		Q2 (3)	COI. 3	(¢/m³)	00000	0.0000	0.000	0.0000	0.000	0.0000	0.0000	0.0000	0.0000	0000	0.000
	>	Q1 (2)	Col. 2	(¢/m³)	(2000)	(0.0022)	(0.0000)	0.0000	(0.0003)	(0.0001)	0.000	0.0000	0.000	(0,0013)	(0.00.0)
Year 2015	_	(1) (2) (3) (4) (4) (4) (5) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Col. 1	(¢/m³)	0000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0000	0.0000
	! :	Description			Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200	
	:	Item No.			_	2	ဧ	4	5	9	7	80	O	6	2

Notes: (1) EB-2015-0242, Exhibit Q4-3, Tab 4, Schedule 8, Page 15 (2) EB-2015-0327, Exhibit Q1-3, Tab 4, Schedule 8, Page 15 (3) EB-2016-0021, Exhibit Q2-3, Tab 4, Schedule 8, Page 15 (4) EB-2016-0184, Exhibit Q3-3, 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 July 2016 - QRAM Q3

Notes:

<sup>(1)</sup> Space less T-service allocation factor
(2) EB-2016-0184, Exhibit Q3-3, Tab 1, Schedule 3, Page 1, Line 27, Col. 6 + Page 2, Line 13, Col. 9
(3) Col. 4 = Col. 2 \* 1689126 (Inventory Revaluation)
(4) Col. 5 = Col. 4 / Col. 1

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 12 of 16

**Derivation of Commodity Unit Rates** July 2016 - QRAM Q3

Commodity Unit Rate (4) Col. 5 (¢/m³)	(0.7559)	(0.7559)	(0.7559)		(0.7559)		(0.7559)	(0.7559)	(0.7559)	(0.7559)	
Commodity Valuation Rate Class (3) Col. 4 (\$)	(34,097,143)	(23,471,032)	(3,402)	0	(614,544)	0	(28,484)	(84,831)	(257,777)	(975,999)	(59,533,212)
Commodity Total for Clearing (2) Col. 3 (\$)											(59,533,212)
% Allocation (1) Col. 2 (%)	57.27%	39.43%	0.01%	%00.0	1.03%	%00.0	0.05%	0.14%	0.43%	1.64%	100.00%
Forecast Volumes July 2016 - June 2017 (12 months volume) Col. 1 (m³)	4,510,520,585	3,104,851,719	450,000		81,294,551		3,768,000	11,221,805	34,099,920	129,109,400	7,875,315,980
	System and Buy/sell										
Description	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200	Grand Total
Item No	<del>-</del> :	2	က်	4.	5.	9	7.	ω	ග්	10.	<del>.</del>

Notes: (1) Annual Sales allocation factor. EB-2016-0184, Exhibit Q3-3, Tab 3, Schedule 4, Page 1 (2) EB-2016-0184, Exhibit Q3-3, Tab 1, Schedule 2, Page 1, Line 13, Col. 9 + Page 5, Line 13, Col. 9 (3) Col. 4 = Col. 2 \*-59533212 (Commodity) (4) Col. 5 = Col. 4 / Col. 1

## **Derivation of Transportation Unit Rates** July 2016 - QRAM Q3

Traı (3) U	Col. 5 (¢/m³)	56 0.0111	0.0111	50 0.0111	. 0	.76 0.0111	.02 0.0111	.17 0.0111	0.0111	0.0111	0.0111	'41 ===
Transportation Valuation (2) Rate Class	Col. 4 (\$)	511,956	406,882			27,276	2,402	3,417	2,673	9,941	18,244	982,841
Trai	Col. 3 (\$)											982,841
% Allocation (1)	Col. 2 (%)	52.09%	41.40%	0.01%	0.00%	2.78%	0.24%	0.35%	0.27%	1.01%	1.86%	100.00%
Forecast Volumes July 2016 - June 2017 (12 months volume)	Col. 1 (m³)	4,633,078,416	3,682,184,245	450,470	ı	246,845,731	21,736,849	30,924,758	24,187,247	89,964,502	165,105,000	8,894,477,218
		System, Buy/sell, WTS										
Description		Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200	Grand Total
Item No		<del></del>	7	က်	4.	5.	9	7.	ထ်	ර	10.	<del>_</del>

(1) Bundled Transportation Deliveries allocation factor. EB-2016-0184, Exhibit Q3-3, Tab 3, Schedule 4, Page 1 (2) EB-2016-0184, Exhibit Q3-3, Tab 1, Schedule 2, Page 1, Line 13, Col. 10 + Page 6, Line 13, Col. 9 (3) Col. 4 = Col. 2 \* 982841 (Transportation) (4) Col. 5 = Col. 4 / Col. 1 Notes:

Derivation of Peaking Supplies Unit Rates July 2016 - QRAM Q3

ng es atte (4)	(080)	(290	001)	ı	008)	(0.0002)	ı			(0.0039)	
Peaking Supplies Unit Rate Col. 5	(0.0080)	(0.0063)	(0.0001)		(0.0008)	0.0)				0.0)	
Peaking Supplies Valuation Rate Class Col. 4 (\$)	(388,052)	(303,009)	(1)	0	(5,664)	(1,095)	0	0	0	(6,623)	(704,443)
Peaking Supplies Total for Clearing (2) Col. 3 (\$)											(704,443)
% Allocation (1) Col. 2 (%)	25.09%	43.01%	0.00%	0.00%	0.80%	0.16%	0.00%	0.00%	0.00%	0.94%	100.00%
Forecast Volumes July 2016 - June 2017 (12 months volume) Col. 1 (m³)	4,869,333,134	4,794,976,847	510,000	1	703,347,751	517,077,824	59,278,325	88,565,719	325,656,690	170,837,200	11,529,583,491
	System, Buy/sell, WTS, OTS										
Description	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200	Grand Total
No No	<del></del>	73	က်	4.	5.	9	7.	œί	ത്	10.	<del></del>

(1) Deliverability allocation factor. EB-2016-0184, Exhibit Q3-3, Tab 3, Schedule 4, Page 1, Line 3.1 (2) EB-2016-0184, Exhibit Q3-3, Tab 1, Schedule 2, Page 1, Line 13, Col. 12 (3) Col. 4 = Col. 2 \* -704443 (Peaking Supplies) (4) Col. 5 = Col. 4 / Col. 1 Notes:

**Derivation of Curtailment Revenue Unit Rates** July 2016 - QRAM Q3

.t (3)											
Curtailment Revenue Unit Rate Col. 5	1	1	ı	ı	1	1	1	1	1	1	
Curtailment Revenue Valuation Rate Class (2) Col. 4 (\$)	0	0	0	0	0	0	0	0	0	0	0
Curtailment Revenue Total for Clearing Col. 3 (\$)											0
% Allocation (1) Col. 2 (%)	25.09%	43.01%	%00.0	%00.0	0.80%	0.16%	%00.0	%00.0	%00.0	0.94%	100.00%
Forecast Volumes July 2016 - June 2017 (12 months volume) Col. 1 (m³)	4,869,333,134	4,794,976,847	510,000	•	703,347,751	517,077,824	59,278,325	88,565,719	325,656,690	170,837,200	11,529,583,491
	System, Buy/sell, WTS, OTS										
Description	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200	Grand Total
ltem No	<del>-</del> -	73	က်	4.	5.	9	7.	ω̈́	တ်	10.	<del>.</del>

(1) Deliverability allocation factor. EB-2016-0184, Exhibit Q3-3, Tab 3, Schedule 4, Page 1, Line 3.1 (2) EB-2016-0184, Exhibit Q3-3, Tab 1, Schedule 2, Page 8, Line 1, Col. 1 (3) Col. 4 = Col. 2 \* 0 (Curtailment Revenue) (4) Col. 5 = Col. 4 / Col. 1 Notes:

Filed: 2016-06-10 EB-2016-0184 Exhibit Q3-3 Tab 4 Schedule 8 Page 16 of 16

# Derivation of Delivered Supplies Unit Rates July 2016 - QRAM Q3

(3)	(с	(	3)		(C	2)		3)	3)	(C	
Delivered Supplies Unit Rate Col. 5	(0.0300)	(0.0287)	(0.0003)	•	(0.0060)	(0.0022)	•	(0.0143)	(0.0068)	(0.0260)	
Delivered Supplies Valuation Rate Class (2) Col. 4 (\$)	(1,458,610)	(1,377,666)	(2)	0	(42,004)	(11,390)	0	(12,670)	(22,184)	(44,485)	(2,969,011)
Delivered Supplies Total for Clearing Col. 3											(2,969,011)
% Allocation (1) Col. 2 (%)	49.13%	46.40%	%00:0	%00.0	1.41%	0.38%	%00.0	0.43%	0.75%	1.50%	100.00%
Forecast Volumes July 2016 - June 2017 (12 months volume) Col. 1 (m³)	4,869,333,134	4,794,976,847	510,000	•	703,347,751	517,077,824	59,278,325	88,565,719	325,656,690	170,837,200	11,529,583,491
	System, Buy/sell, WTS, OTS										
Description	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200	Grand Total
ltem <u>No</u>	<del>-:</del>	2	က်	4.	5.	9	7.	ω	တ်	10.	<del>L</del>

(1) Space factor. EB-2016-0184, Exhibit Q3-3, Tab 3, Schedule 4, Page 1 (2) EB-2016-0184, Exhibit Q3-3, Tab 1, Schedule 2, Page 1, Line 13, Col. 11 + Page 7, Line 13, Col. 9 (3) Col. 4 = Col. 2 \* -2969011 (Delivered Supplies) (4) Col. 5 = Col. 4 / Col. 1 Notes: