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#### APPLICATION FOR RATE ADJUSTMENT - GAS COSTS - Q1

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<u>Q1-2 – V</u>	<u>Vritten</u>	Direct Evi	<u>dence</u>				
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	2	1	Annualized Impact of the January 1, 2007 Quarterly Rate Adjustment on the Company's Fiscal 2007 Revenue Requirement	K. Culbert			
		2	Deferral and Variance Account Actual and Forecast Balances	K. Culbert D. Small			
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Exhibit	<u>Tab</u>	Schedule	Contents of Schedule	<u>Witnesses</u>
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<u>Exhibit</u>	<u>Tab</u>	Schedule	Contents of Schedule	<u>Witnesses</u>
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		6	Annual Bill Comparisons EB-2007-0049 vs. EB-2006-0288	J. Collier
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**Decision and Interim Rate Order** 

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#### **ONTARIO ENERGY BOARD**

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

**AND IN THE MATTER OF** an Application by Enbridge Gas Distribution Inc. for an Order approving or fixing rates for the sale, distribution, storage, and transmission of gas effective January 1, 2008.

# APPLICATION FOR RATE ADJUSTMENT Gas Costs First Quarter - Test Year 2008

#### **Introduction**

- Enbridge Gas Distribution Inc. ("Enbridge") hereby applies to the Board for an order approving or fixing interim rates for the sale, distribution, storage, and transmission of gas effective January 1, 2008. This Application is made pursuant to, and the order would be issued under, section 36 of the *Ontario Energy 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 QRAM process was originally prescribed and subsequently modified, respectively, in the following Settlement Proposals that were approved by the Board as indicated:
  - RP-2000-0040: The QRAM process was prescribed, under Issue 2.2, in the "Settlement Proposal (Main Case)" dated May 11, 2001; see Exhibit N2, Tab 1, Schedule 1, pp. 13-18 of 54. The Board approved the entire Settlement Proposal on May 30, 2001; see transcript volume no. 1, pp. 107-9.
  - RP-2002-0133: The QRAM process was modified, under Issue 4.2, in the Settlement Proposal dated March 14, 2003; see Exhibit N1, Tab 1, Schedule 1, pp. 21-25 of 93. The Board approved the entire Settlement Proposal on March 20, 2003; see transcript volume 1, para. 687.

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- 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.
- The particulars of the QRAM process are described, for ease of reference, in Appendix A to this Application. Pursuant to the Board's direction, the "Regulatory Framework" has further been modified to include procedures for processing cost claims and awards, if any.

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

- 4. Enbridge's utility price during the fourth quarter of Test Year 2007 was \$323.347/10<sup>3</sup>m<sup>3</sup> (\$8.579/GJ @ 37.69 MJ/m<sup>3</sup>). Enbridge has recalculated the utility price for the first quarter of Test Year 2008 using the prescribed methodology, reflecting a lower commodity cost. The recalculated utility price is \$303.215/10<sup>3</sup>m<sup>3</sup> (\$8.045/GJ @ 37.69 MJ/m<sup>3</sup>).
- 5. The resultant rates would decrease the total bill for a typical residential customer on system gas by \$63.80 or 4.7% (approx.) annually and, for a typical residential customer on direct purchase, would increase the total bill by \$3.40 or 0.6% (approx.) annually.

#### <u>PGVA</u>

- 6. Enbridge has adjusted the forecast balance in its Purchased Gas Variance Account ("PGVA") as of the end of Test Year 2008 to account for the recalculated utility price, and the consequential gas storage inventory adjustments.
- 7. The adjusted year-end balance in the PGVA, when translated into ¢/m³ based on forecast consumption for the remainder of Test Year 2008, is a credit of 2.2612 ¢/m³ and thus more than the threshold of 0.5 ¢/m³. Enbridge proposes to clear the projected PGVA balance by means of a rate rider credit effective from January 1 to December 31, 2008.

#### Regulatory Framework

8. The QRAM process includes the regulatory framework for interested parties as well as the Board and its staff to examine the Application with the supporting evidence and, thereafter, for the Board to issue an interim order disposing of the Application. Enbridge's list of interested parties is presented

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in Appendix B; the list includes the name(s) of the parties and their respective representative(s).

- 9. The following is the prescribed regulatory framework for processing the Application:
  - Any responsive comments from interested parties are filed with the Board, and served on Enbridge and the other interested parties, on or before December 7, 2007.
  - Any reply comments from Enbridge are filed with the Board, and served on all interested parties, on or before December 13, 2007.
  - The Board thereafter issues an order approving the applicable rate adjustments or modifying them as required, effective January 1, 2008.
- 10. Enbridge requests that the Board issue such an order on or before December 20, 2007. Enbridge would then be able to implement the resultant rates during the first billing cycle in January 2008.
- 11. The following procedures are prescribed for cost claims for QRAM applications, as directed by the Board on February 14, 2007:
  - Due to the mechanistic nature of the QRAM application, the Board does not anticipate awarding costs. Parties that meet the eligibility criteria contained in the Board's Practice Direction on Cost Awards may submit costs with supporting rationale as to how their participation contributed to the Board's ability to decide on this matter.
  - Any party eligible for an award of costs must file a claim with the Board and Enbridge no later than ten days from the date of the Board's decision and order. Should Enbridge have any comments concerning any of the claims, these concerns shall be forwarded to the Board and to the claimant within seven days of receiving the claims. Any response to Enbridge's comments must be filed with the Board and Enbridge within seven days of receiving the comments.
- 12. Enbridge also requests that all documents in relation to the Application and its supporting evidence, including the responsive comments of any interested party, be served on Enbridge and its counsel as follows:

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(1) Mr. Patrick Hoey Director, Regulatory Affairs

> Telephone: (416) 495-5555 Fax: (416) 495-6072

Electronic access: patrick.hoey@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

DATE: November 30, 2007

ENBRIDGE GAS DISTRIBUTION INC.

Patrick Hoey

Per:

Director, Regulatory Affairs

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#### **QUARTERLY RATE ADJUSTMENT MECHANISM**

#### <u>Introduction</u>

- 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 45 days.
- 7. If a recalculated utility price for any quarter varies from the utility price in effect at the time by more than  $0.5 \phi/m^3$ , net of upstream transportation tolls in each case, the former supersedes the latter, subject to subsequent adjustment(s), during the test year. Otherwise, the latter continues in effect.
- 8. 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, 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.
- 9. The following provisions apply when adjusting the revenue requirement for a test year:
  - (a) The volumetric forecast of sales 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.

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

#### **PGVA**

- 10. 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.
- 11. Enbridge shall use the AECO index plus Nova transportation plus fuel costs as the benchmark in calculating the load balancing component of the PGVA.
- 12. 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.
- 13. Whenever a recalculated utility price comes into effect during a test year, the forecast balance in the PGVA as of the end of the test year is adjusted to account for this price and the consequential gas storage inventory adjustment.
- 14. For the purpose of determining whether the PGVA is to be cleared in any quarter, the adjusted year-end balance in the PGVA is further adjusted to account for any changes in upstream transportation tolls. If the further adjusted year-end balance, when translated into ¢/m³ based on forecast consumption for the remainder of the test year, exceeds 0.5¢/m³, the further adjusted year-end balance is to be cleared during the remainder of the test year by means of a rate rider. This rate rider becomes effective at the beginning of the quarter and specifies, by rate class, the unit rate for all sales service customers.

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- 15. The following provisions also apply when determining whether the PGVA is to be cleared for the quarter in question and, when the quarter in question is the fourth one, the period over which the PGVA is to be cleared:
  - (a) If a material over or under collection pertaining to a prior test year is anticipated to be accumulated and included in a current fiscal year PGVA, Enbridge will notify all parties as soon as possible in order to enable interested parties to provide responsive comments to the Board within the prescribed QRAM deadlines. Enbridge will also outline in its notification how it intends to deal with the clearing of any material over or under collection.
  - (b) Enbridge's "forecast consumption for the remainder of the test year", in the case of the second or third quarter, is derived from the applicable volumetric forecast of sales services (see para. 9(a) above).
  - (c) When the PGVA is to be cleared commencing in the fourth quarter of the test year, Enbridge has the discretion to select either of two clearance periods. One is a period of three months, which is the standard clearing practice, and the other is an extended period of six months. Enbridge must demonstrate, when selecting the extended period, that such a deviation from the standard clearing practice is reasonable under the circumstances.
  - (d) Enbridge's "forecast consumption for the remainder of the test year", in the case of the standard period, is derived from the applicable volumetric forecast of sales service.
  - (e) Enbridge's "forecast consumption for the remainder of the test year", in the case of the extended period, is derived from the applicable volumetric forecast of sales service. For this purpose, the first quarter of the test year serves as a proxy for the last three months of the extended period.
  - (f) Enbridge has the discretion, in each of these cases, to modify the applicable volumetric forecast of sales service in order to reflect the current level of migration by customers from system gas to direct purchase, and *vice versa*, in the forecast for the case in question.

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- 16. The unit rate of Rider C for each rate class is based on the applicable volumetric forecast of sales service (see para. 9 (a) above) and, as such, reflects the responsibility of each rate class for the year-end PGVA balances. At the end of the test year, however, Enbridge recalculates the rate class responsibility using the most recent composition of the year-end PGVA balance and the most recent volumetric estimate (i.e., monthly actuals, to date, plus forecast) on an annualized basis. The variances between the final year-end amount for each rate class and the amount recovered from the rate class by means of the rate rider(s), during the quarter(s) in question, is charged or remitted, as the case may be, to customers in each rate class as a one-time adjustment. This adjustment is effective coincident with the clearing of Enbridge's other variance accounts and its deferral accounts.
- 17. 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 delivery charges (for small volume customers) and the gas supply load balancing charges (for large volume 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)

- 18. 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.
- 19. Whenever a recalculated utility price comes into effect for a quarter subsequent to the first quarter of a test year, or whenever it does not but the PGVA is nevertheless to be cleared commencing in the 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 20 business 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,

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the corresponding delivery charges and gas supply load balancing charges (when discrete) for distribution service, and the rate rider (if any) to be used to clear the PGVA balance. The application will include an executive summary of the application in a tabular format or otherwise.

- 20. 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 seven 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 seven days after the interested parties file and serve their respective responsive comments.
- 21. 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 and load balancing charges (when discrete) for distribution service, and the rate rider (if any) to be used to clear PGVA, or modifying them as required, effective as of the beginning of the quarter.
- 22. There is another procedure, though, whenever there is no recalculated utility price for, and no clearance of the PGVA commencing with, a quarter subsequent to the first quarter of a test year. Enbridge then files an advisory letter with the Board, and serves it on each interested party and any other intervenor of record in Enbridge's most recent rates proceeding, no fewer than 20 business days prior to the first day of the quarter in question. The advisory letter provides Enbridge's forecast price of natural gas based on the 21-day strip, the resultant utility price (approx.), and the reasons for maintaining the existing rates for sales and distribution services. The advisory letter also provides the following two schedules in the format used for an application: "Summary of Gas Costs to Operations", but without a variance column (%) for volumes and costs, and "Projected Year-End PGVA Balance".
- 23. 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.

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24. 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**

- 25. 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.
- 26. 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 also posts, on a monthly basis, the forecast year-end balance in the PGVA translated into ¢/m³, for each rate class, based on its forecast of sales service for the test year. 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.
- 27. 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.
- Enbridge also makes similar information available, through an additional branch, on Enbridge's Curtailment and Buy/Sell Information Line on a timely basis.

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## **List of Interested Parties**

·	 
ASSOCIATION OF POWER PRODUCERS OF ONTARO ("APPrO")	Mr. David Butters
ASSOCIATION OF POWER PRODUCERS OF ONTARIO ("APPrO")	Mr. Patrick Moran
BUILDING OWNERS ANS MANAGERS ASSOCIATION OF THE GREATER TORONTO AREA ("BOMA")	Mr. Chuck Stradling
BUILDING OWNERS ANS MANAGERS ASSOCIATION OF THE GREATER TORONTO AREA ("BOMA")	Mr. Randy Aiken
CONSUMERS COUNCIL OF CANADA ("CCC")	Ms. Julie Girvan
CONSUMERS COUNCIL OF CANADA ("CCC")	Mr. Robert B. Warren
CONSUMERS COUNCIL OF CANADA ("CCC")	Dr. Robert Loube
CORAL ENERGY CANADA INC. ("Coral")	Mr. Paul Kerr
CORAL ENERGY CANADA INC. ("Coral")	Ms. Elisabeth DeMarco
CORAL ENERGY CANADA INC. ("Coral")	Ms. Heather Landymore
CORAL ENERGY CANADA INC. ("Coral")	Ms. Nicki Pellegrini
CUSTOMERWORKS LP ("CWLP")	Mr. Travis Braithwaite
CUSTOMERWORKS LP ("CWLP")	Ms. Margaret Sims
DIRECT ENERGY MARKETING INC. ("Direct Energy")	Mr. David Matthews

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ECNG ENERGY L.P. ("ECNG")	Mr. Bill Killeen
ENERGY PROBE RESEARCH FOUNDATION ("Energy Probe")	Mr. David MacIntosh
ENERGY PROBE RESEARCH FOUNDATION ("Energy Probe")	Mr. Thomas Adams
GREEN ENERGY COALITION ("GEC")	Mr. David Poch
GREEN ENERGY COALITION ("GEC")	Mr. Kai Millyard
HYDRO ONE NETWORKS INC. ("Hydro One")	Mr. Glen E. MacDonald
INDUSTRIAL GAS USERS ASSOCIATION ("IGUA")	Mr. Murray A. Newton
INDUSTRIAL GAS USERS ASSOCIATION ("IGUA")	Mr. Peter C.P. Thompson
JASON F. STACEY (Natural Gas Specialist)	Mr. Jason F. Stacey
KITCHENER, THE CITY OF	Mr. James A. Gruenbauer
KITCHENER, THE CITY OF	Mr. J. Alick Ryder
LONDON PROPERTY MANAGEMENT ASSOCIATION ("LPMA")	Mr. Randy Aiken
ONTARIO ASSOCIATION OF PHYSICAL PLANT ASSOCIATION ("OAPPA")	Ms. Valerie Young
ONTARIO ENERGY SAVINGS L.P. ("OESLP")	Ms. Nola Ruzycki
ONTARIO POWER GENERATION ("OPG")	Ms. Barbara Reuber

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т —	<del></del>
	Mr. Jack Gibbons
	Mr. Murray Klippenstein
	Mr. Basil Alexander
	Ms. Paula Conboy
	Mr. John Sprackett
	Ms. Judy Kwik
	Mr. Fred Hassan
	Mr. Richard Stephenson
	Mr. Bob Williams
	Ms. Rachel Chen
	Mr. Jay Shepherd
	Mr. Duane Cramer
	Mr. James Harbell
	Ms. Susannah Robinson
	Ms. Elisabeth DeMarco
	Ms. Heather Landymore

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SUPERIOR ENERGY MANAGEMENT ("SEM")	М	ls. Nicki Pellegrini
TIMMINS, THE CITY OF	М	Ir. Peter F. Scully
TRANSALTA COGENERATION L.P. and TRANSALTA ENERGY CORP. ("TransAlta")	М	lr. Rob Findlay
TRANSALTA COGENERATION L.P. and TRANSALTA ENERGY CORP. ("TransAlta")	M	Ir. Peter Serafini
TRANSALTA COGENERATION L.P. and TRANSALTA ENERGY CORP. ("TransAlta")	M	ls. Sandy O'Connor
TRANSALTA COGENERATION L.P. and TRANSALTA ENERGY CORP. ("TransAlta")	M	ls. Elisabeth DeMarco
TRANSALTA COGENERATION L.P. and TRANSALTA ENERGY CORP. ("TransAlta")	M	ls. Heather Landymore
TRANSALTA COGENERATION L.P. and TRANSALTA ENERGY CORP. ("TransAlta")	M	ls. Nicki Pellegrini
TRANSCANADA ENERGY Ltd. ("TCE")	М	ls. Margaret Duzy
TRANSCANADA ENERGY Ltd. ("TCE")	М	lr. Frank Karabetsos
TRANSCANADA PIPELINES LIMITED ("TransCanada")	М	Ir. Jim Bartlett
TRANSCANADA PIPELINES LIMITED ("TransCanada")	М	lr. Murray Ross
TRANSCANADA PIPELINES LIMITED ("TransCanada")	М	ls. Jennifer R. Scott
VULNERABLE ENERGY CONSUMERS COALITION ("VECC")	D	r. Roger Higgin

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VULNERABLE ENERGY CONSUMERS COALITION ("VECC")	Mr. James Wightman
VULNERABLE ENERGY CONSUMERS COALITION ("VECC")	Mr. Michael Buonaguro
WHOLESALE GAS SERVICE PURCHASERS GROUP ("WGSPG")	Mr. Steven Millar
WHOLESALE GAS SERVICE PURCHASERS GROUP ("WGSPG")	Mr. Nick Petruzzella
WHOLESALE GAS SERVICE PURCHASERS GROUP ("WGSPG")	Mr. Randy Aiken

### **List of Other Interested Parties**

GAZIFERE INC.	Ms. Lise Mauviel
MINISTRY OF ENERGY	Mr. Sing-Gin Louie
ONTARIO ENERGY BOARD – BOARD STAFF	Mr. Richard Battista
UNION GAS LIMITED ("Union")	Mr. Patrick McMahon
UNION GAS LIMITED ("Union")	Mr. Mike Packer
UNION GAS LIMITED ("Union")	Ms. Connie Burns
UNION GAS LIMITED ("Union")	Ms. Joanne Clark
UNION GAS LIMITED ("Union")	Mr. Michael A. Penny

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#### FORECAST OF GAS COSTS

#### Purpose of Evidence

- The Company is updating its' forecast of gas costs effective January 1, 2008 in accordance with the Quarterly Rate Adjustment Mechanism in place and stemming from Settlement Agreement and Board Decisions in RP-2000-0040, RP-2002-0133 and RP-2003-0203.
- 2. The Company recalculated the Utility Price based upon a 21-day average of various indices from October 18, 2007 to November 15, 2007 for 12 months commencing January 1, 2008 and applied these monthly prices to the 2008 forecasted annual volume of gas purchases as presented in EB-2007-0615 Exhibit C, Tab 1, Schedule 2, page1. The recalculated Utility Price is \$303.215/10<sup>3</sup>m<sup>3</sup> (\$8.045/GJ) (as per Exhibit Q1-3, Tab 1, Schedule 1, page 1). This represents a unit cost decrease of \$20.132/10<sup>3</sup>m<sup>3</sup> or \$0.534/GJ to the forecasted Utility Price of \$323.347/10<sup>3</sup> m<sup>3</sup> (\$8.579/GJ) as filed in EB-2007-0701 Exhibit Q4-3, Tab 1, Schedule 1, page 1.
- 3. The above reference to a 21-day average of various indices is as follows. On a daily basis Enbridge Gas Distribution Inc. ("Enbridge") receives a copy of "Gas Daily", an industry publication that provides, among other things, the high, low, and settlement of the previous days NYMEX prices for the next 36 months. By tracking the NYMEX index on a daily basis Enbridge can calculate a forecast Monthly price on a go forward basis. The forecast monthly NYMEX price would be used as the index underpinning deliveries at ANR, Kalkaska, CDA and EDA delivery points. Also, Enbridge tracks the current and future Canadian/U.S. \$ exchange rates on a daily basis. Similar to the tracking of NYMEX prices, Enbridge uses the Natural

Witness: D. R. Small

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Gas Exchange ("NGX") web-site which provides pricing indices for a number of different pricing points on a prospective basis. Enbridge logs this information along with the NYMEX and Canadian/U.S. exchange rates so that it can calculate the 21 day average for different delivery points and apply the forward month's forecast price to the Company's forecast of gas supply dependent upon contract terms or by expected delivery point.

- 4. The Company is proposing to change its Utility Price effective January 1, 2008 to \$303.215/10<sup>3</sup>m<sup>3</sup> and change rates accordingly.
- 5. The recalculated Utility Price of \$303.215/10<sup>3</sup>m<sup>3</sup> represents an annual Western Canadian price of approximately \$6.637/GJ at Empress. This compares to the forecasted October 2007 Utility Price of \$323.347/10<sup>3</sup> m<sup>3</sup> which represented an annual Western Canadian price of approximately \$7.109/GJ at Empress. The forecasted 2007 Utility Price was based upon a 21-day average of various prices, exchange rates and basis differential from July 17, 2007 to August 15, 2007 for the months of October 2007 to September 2008.
- 6. In accordance with the Board's decision in EB-2006-0034, dated July 5, 2007, ordering the Company to cease its risk management program as soon as practical, there are no risk management activities which impact gas purchases for the 12 month period ending December 31, 2008.
- 7. Exhibit Q1-3, Tab 1, Schedule 2, page 1, column 7 indicates that, based on the 2008 forecast of annual gas supply purchase volumes for the 12 months commencing January 1, 2008, the Company projects a \$(0.0) Million balance in the PGVA at the end of December 2008. Exhibit Q1-3, Tab 1, Schedule 2, page 1,

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column 10 which includes the impact of the January 1, 2008 inventory revaluation, the forecasted rollover of the 2007 PGVA projected balance (Exhibit Q1-3, Tab 1, Schedule 2, page 2, column 11) illustrates a projected December 31, 2008 balance of \$(108.4) million.

- 8. The difference between the projected 2007 PGVA balance (Q1-3, Tab 1, Schedule 2, page 2, column 11) and the actual balance, inclusive of all related Rider C amounts, will be cleared as a one time adjustment as per the Company's proposal within its' 2008 Rate Application (EB-2007-0615, Exhibit B, Tab 5, Schedule 1).
- The derivation of the January 1, 2008 Reference Price assumed the impact of TCPL tolls effective April 1, 2007 as per NEB order AO-1-TGI-01-2006 dated March 22, 2007. The T-Service Credit is \$38.833/10<sup>3</sup>m<sup>3</sup> (\$1.030/GJ) (as per Exhibit Q1-3, Tab 1, Schedule 1, page 1).
- 10. For an explanation of the Company's proposal for how the projected PGVA balance will be cleared see Exhibit Q1-2 Tab 4, Schedule 1.

Witness: D. R. Small

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## ANNUALIZED IMPACT OF THE JANUARY 1, 2008 QUARTERLY RATE ADJUSTMENT ON THE COMPANY'S FISCAL 2008 RATES AND REVENUE REQUIREMENT

- 1. The evidence found at Exhibit Q1-3, Tab 2, Schedules 1 through 6, details the annualized revenue requirement impact which would occur in Fiscal 2008 upon applying an anticipated gas reference unit price change to the forecast volumes for 2008. As a result of the quarterly gas cost unit rate adjustment within this application, the Company's revenue requirement would decrease by \$99.8 million on an annualized basis. This decrease is the result of a decrease in the purchase cost of gas and a decrease in the gross carrying cost of rate base. The details of the components of this decrease are listed at Exhibit Q1-3, Tab 2, Schedule 1, and are examined further in the balance of this exhibit.
- 2. The annualized impact of the gas cost decrease, in the amount of \$97.3 million, is determined by applying the decrease in the appropriate unit cost of gas against the applicable volumes. The volumes used within this QRAM application are from the EB-2007-0615 Application, 2008 Test Year volumes in Exhibit C, Tab 1, Schedule 2, page 2, filed 2007-09-04. The use of these volumes for the 2008 Test Year is consistent with the QRAM approved guidelines, as filed at Exhibit Q1-1, Tab 2, Schedule 1, Appendix A. The change in the unit rates and the volumes against which they are applied is examined in evidence at Exhibit Q1-3, Tab 2, Schedule 1. The calculations in support of the \$97.3 million decrease in the purchase cost of gas are found on Lines 1 through 8, and summarized at Line 9, of Exhibit Q1-3, Tab 2, Schedule 1.
- 3. Exhibit Q1-3, Tab 2, Schedule 2, details the impact of the annualized decrease on rate base and the associated carrying cost which is calculated to be \$2.4 million and is included at Exhibit Q1-3, Tab 2, Schedule 1, at Line 10. The decrease in the

Witness: K. Culbert

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PGVA unit rate results in a decrease in the gas in storage inventory value in the amount of \$24.3 million calculated at Line 2 of Schedule 2. The decrease is calculated by multiplying the Company's average-of-monthly-averages ("AOA's") storage volume of 1 207 174.0 10³m³, which can be found at Exhibit Q1-3, Tab 2, Schedule 6, by the decrease in the PGVA reference price in the amount of \$20.132/10³m³. The decrease in the working cash allowance is calculated by applying 4.2 net lag days to the annualized decrease in gas costs of \$97.3 million, resulting in a decrease of \$1.1 million. The working cash allowance calculations are found at Lines 3.1 through 3.4 of Schedule 2. The small decrease in the GST amount, shown at Line 4 of Schedule 2, can be found in evidence at Exhibit Q1-2, Tab 3, Schedule 1.

- 4. As shown at Lines 5 through 7 of Exhibit Q1-3, Tab 2, Schedule 2, the \$25.5 million decrease in the valuation of the components of rate base is multiplied by a gross return component of 9.36% (filed at Exhibit Q1-3, Tab 2, Schedule 4) generating a \$2.4 million decrease in the carrying cost of rate base.
- 5. Exhibit Q1-3, Tab 2, Schedule 3, shows the impact of the year-end value of components within the Company's taxable capital calculation embedded within ongoing rates. The value of rate base at the end of the fiscal period and the changes represented by working cash and GST level changes will affect the Company's forecast of Provincial Capital Tax. The rate of 0.285% has been used, as embedded within existing 2007 Board Approved rates, which is consistent with the Company's proposed Incentive Regulation rate setting mechanism and treatment. The calculations shown at Schedule 3 quantify a \$0.1 million decrease to the Company's forecast of Provincial Capital Tax as a result of the decrease in the purchase cost of gas.

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- 6. The details supporting the calculation of the Company's grossed up rate of return are found at Exhibit Q1-3, Tab 2, Schedule 4. The capital structure components, cost rates and return rate(s) in Columns 1 through 3 are the 2007 Board Approved values found in the EB-2006-0034 Final Rate Order, Appendix A, Schedule 4, Dated: 2007-09-24. The calculation of the grossed up rate of return in columns 4 and 5 has utilized a corporate tax rate of 36.12% which is embedded in the Company's current Approved rates.
- 7. The use of the 2007 Board Approved capital structure and gross return components from the EB-2006-0034 proceeding is consistent with, the use of current Approved rates which continue to be effective January 1, 2008, the QRAM approved guidelines filed at Exhibit Q1-1, Tab 2, Schedule 1, Appendix A and with the Company's proposed Incentive Regulation rate setting mechanism and parameters.
- 8. Exhibit Q1-3, Tab 2, Schedule 5 details the calculation of the forecast inventory valuation adjustment in the amount of \$29.2 million. The inventory adjustment is related to the change in the unit cost of gas. The forecast inventory adjustment represents the forecast volume of inventory at January 1, 2008 revalued at the new PGVA reference price arising from this quarterly rate adjustment proceeding.
- 9. Exhibit Q1-3, Tab 2, Schedule 6 shows the month end and AOA volume of gas in storage as applied for within EB-2007-0615.

Witness: K. Culbert

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## DEFERRAL AND VARIANCE ACCOUNT ACTUAL AND FORECAST BALANCES

- 1. The evidence found at page 2 of this schedule (Exhibit Q1-2, Tab 2, Schedule 2 page 2) provides the October 31, 2007 actual and December 31, 2007 projected deferral and variance account balances.
- 2. Due to the timing of this filing the latest actual balances within these accounts are as of October 31, 2007.

Witnesses: K. Culbert D. Small

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

Col. 1

Col. 2

Col. 3

Col. 4

			Actual at October 31, 2007		Foreca December	
Line		Account				
No.	Account Description	Acronym	Principal	Interest	Principal	Interest
			(\$000's)	(\$000's)	(\$000's)	(\$000's)
	Non Commodity Related Accounts					
1.	Demand Side Management Account V/A	2007 DSMVA	(4,321.0)	(57.5)	=	-
2.	Demand Side Management Account V/A	2006 DSMVA	374.7	(24.9)	374.7	(21.7)
3.	Demand Side Management Account V/A	2005 DSMVA	697.5	17.3	697.5	23.3
4.	Lost Revenue Adjustment Mechanism	2007 LRAM	-	-	-	-
5.	Lost Revenue Adjustment Mechanism	2006 LRAM	-	-	(339.5)	-
6.	Lost Revenue Adjustment Mechanism	2005 LRAM	=	=	(832.3)	-
7.	Shared Savings Mechanism V/A	2007 SSMVA	=	=	=	-
8.	Shared Savings Mechanism V/A	2006 SSMVA	-	-	11,229.1	-
9.	Shared Savings Mechanism V/A	2005 SSMVA	-	-	-	-
10.	Class Action Suit D/A	2007 CASDA	23,542.6	963.4	23,542.6	1,165.0
11.	Deferred Rebate Account	2007 DRA	448.5	0.1	448.5	3.9
12.	Debt Redemption D/A	2007 DRDA	(1,805.8)	(10.4)	(2,770.9)	(27.9)
13.	Gas Distribution Access Rule Costs D/A	2007 GDARCDA	6,910.8	146.6	7,150.8	206.3
14.	Ontario Hearing Costs V/A	2007 OHCVA	2,172.0	13.8	2,372.0	32.8
15.	Disposition of Property D/A	2007 DPDA	· -	-	· -	-
16.	Manufactured Gas Plant D/A	2007 MGPDA	75.5	2.6	100.5	3.2
17.	Electric Program Earnings Sharing D/A	2007 EPESDA	-	-	(200.0)	-
18.	Corporate Cost Allocation Methodology D/A	2006 CCAMDA	475.2	19.2	`475.2 <sup>°</sup>	23.2
19.	Unbundled Rate Implementation Cost D/A	2007 URICDA	198.3	5.9	198.3	7.5
20.	Unbundled Rates Customer Migration V/A	2007 URCMVA	-	-	-	_
21.	Income Tax Rate Change V/A	2007 ITRCVA	=	=	-	-
22.	Open Bill Service D/A	2007 OBSDA	1,013.0	37.7	1,013.0	46.3
23.	Open Bill Access V/A	2007 OBAVA	-	-	-,0.0.0	-
24.	Customer Care V/A	2007 CCVA				
25.	Total non commodity Related Accounts		29,781.3	1,113.8	43,459.5	1,461.9
	Commodity Related Accounts					
26.	Purchased Gas V/A	2007 PGVA	(134,603.2)	(3,104.5)	(137,659.0)	(4,298.6) *
27.	Transactional Services D/A	2007 TSDA	(7,328.8)	(34.7)	(7,667.7)	(98.2)
28.	Unaccounted for Gas V/A	2007 UAFVA	-	-	-	-
29.	Union Gas D/A	2007 UGDA	2,496.0	42.2	3,021.3	64.7
30.	Total Commodity Related Accounts		(139,436.0)	(3,097.0)	(142,305.4)	(4,332.1)
31.	Total Deferral and Variance Accounts		(109,654.7)	(1,983.2)	(98,845.9)	(2,870.2)
<b>.</b>			(113,00)	( · , · · · · · )	(55,0.0.0)	\_, = , = , • . <b>_</b> /

<sup>\*</sup> This is the projected December 31, 2007 balance upon which the Rider "C" clearance and unit rates are designed and therefore does not include the impacts of the projected clearance.

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#### WORKING CASH AND COST ALLOCATION

 The purpose of this evidence is to describe: a) the impact on the working cash requirement, and b) the allocation of the change in revenue requirement to the rate classes due to the change in the commodity cost of gas and upstream transportation costs. This evidence is presented at Exhibit Q1-3 Supporting Schedules, Tabs 2 and 3.

#### Impact on the Working Cash Requirement

- 2. The new gas supply expense mix has been applied to the individual expense lag days of supply sources that make up the gas supply portfolio presented at Exhibit Q1-3, Tab 1, Schedule 1. This resulted in an increase of 0.2 days to the gas supply expense lag in comparison to the expense lag underpinning the EB-2007-0701 Decision. The gas cost expense lag is now 39.4 days resulting in a net gas cost expense lag of 4.2 days.
- 3. The above net gas cost expense lag of 4.2 days is used to calculate the impact on the working cash requirement in rate base. Exhibit Q1-3, Tab 2, Schedule 2, Item 3 applies the net gas cost expense lag to the net change in the purchase cost of gas to determine the change in working cash allowance and associated impact on rate base. For this QRAM, the above calculation determined a decrease in the working cash requirement of \$1.1169 million.
- 4. The change in gas costs also gives rise to a change in the working cash requirement associated with the Goods and Services Tax (GST). For this QRAM, the change in gas costs results in a \$0.0403 million decrease in working cash requirement associated with the GST, as seen at Exhibit Q1-3, Tab 2, Schedule 2, Item 4.

Witness: A. Kacicnik

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#### Allocation of the Change in Revenue Requirement

- 5. Exhibit Q1-3, Tab 3 exhibits show the allocation of the change in revenue requirement to the customer rate classes and determine the impact on Tecumseh's rate derivation. Schedule 1 classifies the impact of the change in gas supply costs on rate base as determined at Exhibit Q1-3, Tab 2, Schedule 2. The return on the classified rate base is determined by applying the before tax rate of return. Schedule 1 also classifies the change in capital and large corporation tax stemming from the change in the value of gas in inventory as determined at Q1-3, Tab 2, Schedule 3.
- Classification of the working cash rate base, associated before tax return and capital
  and large corporation taxes in QRAM is consistent with the approved methodology
  set forth in the EB-2006-0034 Fully Allocated Cost Study.
- 7. The impact on return and taxes is allocated to the customer rate classes at Exhibit Q1-3, Tab 3, Schedule 2, Item 2. Schedule 2 of Tab 3 also allocates the changes in the revenue requirement to the customer rate classes, and determines the unit rate increase/decrease by component. The corresponding impacts on the gas supply, gas supply load balancing and delivery charges are presented at Exhibit Q1-3, Tab 4, Schedule 3.
- 8. Items 1.1 to 1.6 on Schedule 2 of Tab 3, show the annualized increase/decrease in costs, by classifier, arising from the new costs of gas found at Exhibit Q1-3, Tab 2, Schedule 1, Page 1. The classification of the cost changes associated with the forecast sales volumes, Company use volumes, lost and unaccounted for ("LUF") volume, unbilled and unaccounted 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

Witness: A. Kacicnik

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of the cost decrease in LUF as it is charged back to the distribution utility from Tecumseh Gas. The total change in the revenue requirement found at Item 3 differs from the impact shown at Exhibit Q1-3, Tab 2, Schedule 1, Item 12. The difference of approximately \$0.03 million corresponds to the portion of the LUF decrease that will be passed on to ex-franchise customers through Rates 325 and 330. The effect on these rates is found at Exhibit Q1-3, Tab 3, Schedule 3.

- 9. Items 2 on Schedule 2, Tab 3, are the before tax return components of rate base and taxes determined on Schedule 1 of Exhibit Q1-3, Tab 3.
- 10. Items 3 on Schedule 2 are the sum of the respective Items 1 and 2. The allocation factors, found at Exhibit Q1-3, Tab 3, Schedule 4, are based on the 2008 Volume Forecast from EB-2007-0615 (Test Year 2008), and are used to allocate these costs to the rate classes as specified in column 14. Items 4 are the unit rate changes that will be applied to the gas supply, load balancing and delivery components of the rates.
- 11. The rate derivation of Tecumseh Gas is affected by the decrease in LUF costs due to the decrease in gas costs, as shown at Exhibit Q1-3, Tab 2, Schedule 1. Based on the methodology approved in the RP-2003-0203 Decision, LUF costs are included in Tecumseh's Fully Allocated Cost Study, and are functionalized to transmission and compression, and to storage pool. These costs are classified entirely as commodity and recovered in rates on the basis of volumes injected and withdrawn from ex-franchise customers. The impact on Tecumseh's rates (Rate 325 and 330) reflecting this methodology is shown at Exhibit Q1-3, Tab 3, Schedule 3. The portion of LUF costs flowing to in-franchise customers is included in Item 1.6 of Exhibit Q1-3, Tab 3, Schedule 2.

Witness: A. Kacicnik

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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 utility reference price has decreased as a result of lower commodity costs offset by higher load balancing and transportation costs as compared to rates from (EB-2007-0701) currently in effect.
- 2. The rate design exhibits supporting this QRAM application are found at Exhibit Q1-3, Tab 4. Schedules 1 to 5 present the effect of the proposed utility price on revenues and rates when compared with EB-2007-0701 rates. Schedule 6 shows customer bill impacts for various rate classes relative to the EB-2007-0701 rates. Schedule 7 contains the rate handbook. The derivation of the Rider C unit rates can be found at Schedule 8.

### **Utility Price**

3. The utility price during the fourth quarter of the 2007 Test Year is \$323.347/10³m³ (\$8.579/GJ @ 37.69 MJ/m³). Enbridge has recalculated the utility price for the first quarter of the 2008 Test Year using the prescribed methodology set forth in the Settlement Proposal as approved by the Board in the RP-2000-0040 proceeding, and subsequently amended. The utility price, revenue requirement and resulting rates have been determined based on the proposed 2008 volume forecast as filed in the EB-2007-0615 (2008 Test Year) rate case. The recalculated utility price is \$303.215/10³m³ (\$8.045/GJ @ 37.69 MJ/m³) as outlined at Exhibit Q1-3, Tab 1, Schedule 1. The change in the utility price has exceeded the preset threshold of 0.5 cents per cubic metre ("¢/m³") and hence Enbridge is proposing to adjust its rates accordingly effective January 1, 2008.

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- 4. The decreased utility price translates into a decrease in the revenue requirement totaling \$99.8 million, as seen at Exhibit Q1-3, Tab 2, Schedule 1, Line 12. As shown in the above referenced exhibit, this impact is derived by calculating the difference between the recalculated reference price of \$303.215/10³m³ and the reference price embedded in the EB-2007-0701 rates of \$323.347/10³m³. This differential of \$20.132/10³m³ is then applied to the proposed 2008 sales volumes, Company use, Unbilled and Unaccounted For "(UUF"), and Lost and Unaccounted For ("LUF") volumes.
- The impacts of the decreased carrying cost on inventory, working cash requirements, and the capital taxes were also considered in the change in the revenue requirement calculation.

### **Customer Impacts**

6. Exhibit Q1-3, Tab 4, Schedule 6 depicts the typical customer rate impacts relative to the EB-2007-0701 rates. The impact varies by rate class and is a function of the proposed utility price. The gas supply charge will decrease for all customers from 29.1 ¢/m³ to 26.8 ¢/m³. The decrease in the utility price also gives rise to a decrease in delivery charges for all customer classes. Customer's load balancing and transportation unit rates will increase as a result of an increase in the cost of transportation. The PGVA reference price is comprised of commodity and transportation and load balancing costs. For rate design purposes, the Company uses the Empress reference price inclusive of fuel to determine the variable unit rate for costing its commodity purchases and receipts. The change in the Empress reference price from October 1, 2007 to January 1, 2008 is a decrease of \$23.355/10³m³. These costs are recovered from system gas customers through the Company's gas supply commodity charge which has decreased from 29.1 ¢/m³ to 26.8 ¢/m³. Any premium/discount over the deemed commodity costs is classified as load balancing and transportation and recovered from all customers through the load

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balancing component of their rates. For January 1, 2008 QRAM, the Empress reference price has decreased by a greater amount then the total change in the PGVA reference price. This has lead to an increase in the load balancing and transportation component of customer's rates as compared to the October 1, 2007 QRAM.

The impact of the price changes discussed above on a typical residential customer on system gas would be an annualized decrease of approximately 4.7%, or \$68.3 on an annual bill of \$1,382. Residential ABC T-service customers would see an increase of 0.6% or \$3.4 annually.

### **PGVA Clearing**

7. The Company is required to clear the projected PGVA balance arising from an inventory adjustment in all quarters of the year if the preset threshold of 0.5 cents/m<sup>3</sup> is exceeded. The estimated year-end PGVA balance is a net credit of \$108.44 million as shown at Exhibit Q1-3, Tab 1, Schedule 2, Pages 2 and 3. This results in a sales service rider credit of 2.2612 cents/m<sup>3</sup> for residential customers, which will be in effect from January 1, 2008 to December 31, 2008. The derivation of the credit is shown at Exhibit Q1-3, Tab 4, Schedule 8.

### Other

8. As approved in the EB-2006-0034 Decision (Settlement Agreement at Issue 6.4), effective January 1, 2008 the Company will determine the Rider A: Transportation Service Rider credit based on the weighted average cost of transportation. The Company's weighted average cost of transportation is derived based on the total utility transportation costs over total delivery volumes. Currently, the Transportation Service Rider is determined based on TransCanada PipeLines 100% load factor firm service toll. The Company will continue to charge and rebate the Transportation Service Rider for Ontario T-Service customers until such time as the Company's

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new billing system can accommodate a different approach. This is anticipated to be available in 2009 at which time the Transportation Service Rider will be eliminated. The Transportation Service Rider can be found in the Rate Handbook under Rider A.

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### Summary of Gas Cost to Operations Year ended December 31, 2008

		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 #	<del>-</del>			(00)	(**************************************	
1.1 1.2 1.3 1.4 1.5 1.6	Western - @ Nova - TCPL	0.0 426,592.4 358,056.6 4,515.5 966,103.9 (34,428.0)	0.0 106,595.7 88,089.0 1,161.8 267,473.5 0.0	0.000 249.877 246.020 257.299 276.858	0.000 6.630 6.527 6.807 7.346	0.0% -6.7% -6.7% -8.3% -6.7%
1.	Total Western Canadian Supplies	1,720,840.5	463,320.0	269.241	7.144	-7.1%
2.	Short Term Supplies Peaking/Seasonal	56,300.0	23,637.6	419.851	11.140	-10.3%
3.	Ontario Production	1,464.1	410.4	280.332	7.438	-5.9%
4.1 4.2 4.3	Chicago Supplies Vector 1st Tranche Vector 2nd Tranche Vector 3rd Tranche  Total Chicago Supplies	8,303.0 807,280.4 1,450,877.4 2,266,460.8	2,283.2 224,967.8 404,321.4 631,572.4	274.986 278.674 278.674 278.660	7.296 7.394 7.394 7.393	-4.2% -6.6% -6.6%
5.1 5.2	<u>Delivered Supplies</u> Link Supplies Ontario Delivered	76,840.8 902,349.7	22,358.5 267,711.8	290.972 296.683	7.720 7.872	-7.6% -0.8%
5.	Total Other Delivered Supplies	979,190.4	290,070.3	296.235	7.860	-1.6%
6.	Total Supply Costs	5,024,255.8	1,409,010.8	280.442	7.441	-5.5%
7.11 7.12 7.13 7.14	Transportation Costs TCPL - FT - Demand	754,736.5	26,968.1 2,067.7 (624.8) 3,747.4 2,175.1 7,060.3 10,753.8 0.0 1,847.0 901.8 119.8 35,782.8 7,153.0 5,887.1 10,580.6	2.740	0.073	0.0%
7.	Total Transportation Costs	_	114,419.7	-		
8.	Total Before PGVA Adjustment	5,024,255.8	1,523,430.6	303.215	8.045	-6.2%
9.	PGVA Adjustment	_	0.0	-		
10.	Total Purchases & Receipt	5,024,255.8	1,523,430.6	303.215	8.045	-
11.	PGVA Reference Price as per EB-2007	-0701		323.347	8.579	<del>-</del>
12.	Upstream Increase/Decrease on 2007 I	PGVA Reference	Price	(20.132)	(0.534)	<del>-</del>
13.	Updated T-Service Credits	6,835,325.0	265,434.6	38.833	1.030	-
14.	T-Service Credits - as per EB-2007-0615 C T1 S2 p2	6,835,325.0	265,434.6	38.833	1.030	-
15.	Upstream Increase on T-Service Credit	s		0.000	0.000	<del>-</del>

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Col. 10	Forecasted YTD PGVA with Inventory Adjustment	(137,659.0)	(108,435.1)	(108,287.2)	(106,889.7)	(107,358.8)	(112,396.2)	(116,502.9)	(119,168.9)	(122,526.3)	(124,841.2)	(126,708.6)	(127,453.5)	(119,702.9)	(108,435.1)	(108,435.1)	•	(108,435.1)	Tab Sche Pag
Col. 9	Forecasted Rider C														,				
Col. 8	Inventory Adjustment	ı	29,223.9					ı	ı	ı	ı		ı			29,223.9			
	Forecasted Rollover	(137,659.0)														(137,659.0)			
Col. 7	Forecasted YTD PGVA			147.9	1,545.4	1,076.3	(3,961.1)	(8,067.8)	(10,733.9)	(14,091.3)	(16,406.1)	(18,273.5)	(19,018.4)	(11,267.8)	(0.0)	(0.0)			29,224
Col. 6	Forecasted Month of PGVA			147.9	1,397.5	(469.1)	(5,037.4)	(4,106.8)	(2,666.0)	(3,357.4)	(2,314.9)	(1,867.4)	(744.9)	7,750.6	11,267.8				
Col. 5	Unit Rate Difference			0.307	3.214	(1.028)	(12.899)	(11.824)	(8.090)	(7.200)	(4.964)	(4.107)	(1.595)	20.109	32.809				
Col. 4	Reference Price			303.215	303.215	303.215	303.215	303.215	303.215	303.215	303.215	303.215	303.215	303.215	303.215				20.132
Col. 3	\$/10³m³			303.522	306.429	302.188	290.317	291.391	295.125	296.015	298.251	299.108	301.620	323.325	336.024	303.215			1,451,650.7
Col. 2	10³m³	Rollover	uation	482,372.2	434,784.0	456,512.5	390,536.7	347,328.5	329,545.9	466,279.9	466,327.4	454,701.6	467,002.7	385,425.1	343,439.3	5,024,255.8	System Supply		ation Credit
Col. 1	Purchase Cost	2007 Forecast PGVA Balance Rollover	January 1/08 Inventory Re-evaluation	146,410.5	133,230.6	137,952.4	113,379.3	101,208.5	97,257.3	138,025.7	139,082.7	136,005.0	140,857.4	124,617.4	115,403.8	1,523,431	Impact of TCPL Toll Change on System Supply		January 1/07 Inventory Revaluation Credit
	Month	2007 Forecas	January 1/08	January	February	March	April	May	June	July	1.10 August	September	October	November	1.14 December	Sub-Total	Impact of TCF		January 1/07
	Item #	<u>.</u> .	1.2	1.3	4.	1.5	1.6	1.7	1.8	6.1	1.10	1.1	1.12	1.13	1.14		_		•

ENBRIDGE GAS DISTRIBUTION INC.
Projected Year-end PGVA Balance
Twelve Months Ended December 31, 2008

ENBRIDGE GAS DISTRIBUTION INC.

Twelve Months Ended December 31, 2007 Projected Year-end PGVA Balance

(106,597.0)(45,110.9)(51,585.7)(38, 104.5)(48,384.3)(56,790.0)(71,499.2)(79,222.2)(92,432.4)(116,480.8)(147,737.9)(195, 392.8)(108,227.5)(134,603.2)(144, 162.0)(137,659.0)(137,659.0)Adjusted YTD PGVA \$(000)\$ 11,537.0 9,759.2 7,719.5 9,418.9 5,428.2 4,099.2 7,841.2 4,794.8 7,086.9 8,986.2 118,052.3 12,417.2 18,964.0 Forecasted Rider "C" \$(000)\$ Inventory Revaluation (8,405.7)140,245.7 87,165.3 61,486.1 Col. 9 \$(000)\$ (106,597.0)(106,597.0)Forecasted Col. 8 Rollover (6,852.0)(125,802.0)(276,899.0)(289,360.0)(10,574.0)(24,973.0)(54,477.0)(73,737.0)(94,034.0)(166,478.0)(223,119.0)(254,923.0)(289, 360.0)Forecasted YTD PGVA Col. 7 \$(000)\$ (10,574.0)3,722.0 (18, 121.0)(29,504.0)(19,260.0)(20,297.0)(31,768.0)(40,676.0)(56,641.0)(31,804.0)(21,976.0)(12,461.0)Month of PGVA Forecasted Col. 6 \$(000)\$ Difference \$/10³m³ (79.041)Col. 5 Unit Rate (33.098)(32.185)(55.693)(56.623)(83.194)(47.264)(30.182)12.217 (54.805)(109.546)(133.225)Col. 4 Reference 362.982 362.982 349.047 349.047 362.982 362.982 362.982 323.347 323.347 323.347 362.982 349.047 \$/10<sup>3</sup>m<sup>3</sup> Price 361.264 306.359 253.436 315.949 307.289 279.788 244.306 276.083 290.023 316.862 308.177 229.757 293.165 Unit Rate \$/10³m³ Col. 3 464,958.9 538,349.0 402,376.5 319,487.3 358,462.9 381,851.3 425,152.3 412,848.0 4,888,297.3 304,633.1 563,034.7 345,827.4 371,315.7  $10^3 \text{m}^3$ Col. 2 2006 Forecast PGVA Balance Rollover January 1/07 Inventory re-valuation 1.13 October 1/07 Inventory re-valuation April 1/07 Inventory re-valuation 9.906,591 94,104.8 97,681.8 98,302.9 100,941.7 110,053.1 178,404.4 106,269.1 109,818.4 106,837.6 128,367.3 1,417,720.1 121,032.4 Purchase Cost \$(000)\$ Col. 1 September Sub-Total 1.15 November 1.16 December February 1.14 October January 1.11 August March tem # Month June April May 1.10 July

4.

1.5

1.2 1.3 1.6

1.8 1.9

1.7

1.12

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61,486.1	(8,405.7)		87,165.3
32.645	(13.935)	0.000	39.635
1,883,476.2	603,207.5	1,354,388.6	2,199,182.3
January 1/07 Inventory Revaluation Credit	April 1/07 Inventory Revaluation Credit	July 1/07 Inventory Revaluation Credit	October 1/07 Inventory Revaluation Credit

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### **MONTHLY PRICING INFORMATION**

	Col. 1 21 Day	Col. 2	Col. 3	Col. 4	Col. 5
	Average Empress CGPR	21 Day Average NYMEX	21 Day Average Chicago	21 Day Average US Exchange	\$CAD/10 <sup>3</sup> m <sup>3</sup> Equivalent (Note 1)
	\$CAD/GJ	\$US/MMBtu	\$US/MMBtu	\$CAD/\$US	
Jan-08	6.5668	8.2721	8.2686	0.9536	
Feb-08	6.5791	8.3173	8.3225	0.9537	
Mar-08	6.5415	8.1418	8.1712	0.9537	
Apr-08	6.3390	7.8137	7.7370	0.9538	
May-08	6.3712	7.8510	7.7743	0.9540	
Jun-08	6.4404	7.9263	7.8497	0.9541	
Jul-08	6.4950	8.0121	7.9355	0.9543	
Aug-08	6.5567	8.0814	8.0048	0.9545	
Sep-08	6.5765	8.1020	8.0254	0.9547	
Oct-08	6.6749	8.1690	8.0923	0.9549	
Nov-08	7.0769	8.5557	8.5820	0.9552	
Dec-08	7.4576	8.9699	8.9961	0.9555	
	6.6396	8.1844	8.1466	0.9543	250.2472
TCPL Fuel Rati	0	4.56%			261.6624

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

21 Day Period 18-Oct-07 to 15-Nov-07

### 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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# Annualized Impact of January 1, 2008 Quarterly Rate Adjustment on the Company's F2008 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
	lt	em Numbers			$(10^3 \text{ M}^3)$	(\$/10 <sup>3</sup> M <sup>3</sup> )		(\$000)
1.	Forecast volumes from EB-2007-0615 (4.	1, 4.2, 4.3, & 4.6)	В	C.T1.S2.p2	4 774 663.8	(20.132)	A	(96,123.5)
2.	Forecast Company use volume	(4.7)	В	C.T1.S2.p2	6 284.9	(20.132)	A	(126.5)
3.	Forecast unbilled and unaccounted for volume	(4.8 & 4.9)	В	C.T1.S2.p2	29 663.9	(20.132)	Α	(597.2)
4.	Forecast lost and unaccounted for volume	(4.11)	В	C.T1.S2.p2	23 763.5	(20.132)	A_	(478.4)
5.	EB-2007-0615 requested utility gas costs volume	e - excluding T-ser	vice	=	4 834 376.1			
6.	Gross upstream pass-on of change in purchase	cost of gas				(\$000)		(97,325.6)
	Impact of upstream pass-on of T-service credits T-service credits excluding upstream pass-on			Q1-3.T1.S1, item 13 Q1-3.T1.S1, item 14		265,434.6 265,434.6		
9.	Total impact of upstream pass-on change in pure	chase cost of gas						(97,325.6)
10.	Impact on carrying cost requirement as a result of upstream pass-on impact on rate base			Q1-3.T2.S2				(2,383.1)
11.	Impact on capital taxes			Q1-3.T2.S3			_	(97.5)
12.	Increase (decrease) in revenue requirement						=	(99,806.2)
14.	Note: A PGVA reference price as examined in this proceive PGVA reference price approved and effective Ochange in price			Q1-3.T1.S1, item 10 Q1-3.T1.S1, item 11	<u>Docket No.</u> EB-2007-0897 EB-2007-0897	303.215 323.347 (20.132)		

### Note : B

16. Volumes are from Exhibit C, Tab 1, Schedule 2, page 2 within EB-2007-0615, Filed: 2007-09-04.

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(2,383.1)

# Annualized Impact of January 1, 2008 Quarterly Rate Adjustment on Rate Base and its Associated <u>Gross Carrying Cost</u>

Col.1 Col.2 Col.3 Line Exhibit No. Impact of cost change on utility operations Reference (\$000) 1. Effect on gas in storage of the pass-on of the gas purchase unit rate change Q1-3.T2.S6 1 207 174.0 2. Gas purchase unit rate change applied to the volume of gas in storage (24,302.8) Q1-3.T1.S1 (\$20.132) 3. Effect on working cash allowance of the upstream pass-on 3.1 a) Net change in purchase cost of gas Q1-3.T2.S1 (\$97,325.6)3.2 b) Net lag-days calculated Q1-2.T3.S1.p1 4.2 3.3 (408,767.5) c) Dollar days 3.4 d) Number of operating days 366 (1,116.9)4. Effect on Goods and Services Tax of the upstream pass-on Q1-2.T3.S1.p1 (40.3)5. Change in Rate Base (25,460.0)Q1-3.T2.S4 6. Gross return component 9.36%

7. Effect on carrying cost requirement

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# Annualized Impact of January 1, 2008 Quarterly Rate Adjustment on Capital Taxes

			Col.1	Col.2	Col.3
Line No.	Impact of cost change on utility operations		Exhibit Reference		
					(\$000)
1.	Year end forecast of gas in storage volume	$(10^3  \text{M}^3)$	Q1-3.T2.S6	1 641 530.5	
2.	Gas purchase unit rate change applied to the year end forecast of gas in storage volume	(\$/10 <sup>3</sup> M <sup>3</sup> )	Q1-3.T1.S1	(\$20.132)	
3.	Year end gas in storage rate base change	(\$000)		(33,047.3)	
4.	Effect on capital taxes of the upstream pass-on				
4.1	a) Year end gas in storage change		(line 3, col.2 above)	(33,047.3)	
4.2	b) Working cash allowance & GST level change	es	Q1-3.T2.S2	(1,157.2)	
4.3	c) Taxable Capital base change			(34,204.5)	
4.4	d) Provincial capital tax rate			0.285%	
4.5	e) Provincial capital tax change, does not requi	re gross up t	ax treatment		(97.5)

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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 (Note 1)	Indicated Cost Rate (Note 1)	Net Return Component (Note 1)	Reciprocal of the Tax rate (Note 2)	Gross Return Component
		%	%	%		%
1.	Long-term debt	59.65	7.31	4.36		4.36
2.	Short-term debt	1.68	4.12	0.07		0.07
3.	Tax shielded	61.33		4.43		4.43
4.	Preference shares	2.67	5.00	0.13	0.6388	0.20
5.	Common equity	36.00	8.39	3.02	0.6388	4.73
6.	Non tax shielded	38.67		3.15		4.93
7.		100.00		7.58		9.36

Note 1: The source for Columns 1 to 3 is the cost of capital found in the EB-2006-0034 Final Rate Order, Appendix A, Schedule 4, Columns 2 to 4, Dated: 2007-09-24 as explained at Exhibit Q1-2, Tab 2, Schedule 1, paragraph 7.

Note 2: The Corporate Income Tax rate of 36.12% is embedded in Approved rates.

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

		Col.1	Col.2	
Line		Exhibit		
No.		Reference		
1.	Forecast inventory balance at January 1, 2008 (10 <sup>3</sup> M <sup>3</sup> )	Q1-3.T2.S6	1 451 650.7	
٠.	1 ordest inventory balance at bandary 1, 2000 (10 W)	Q1 3.12.00	1 401 000.7	
2.	Gas purchase unit rate change applied to the forecast of			
	January 1, 2008 inventory volume (\$/10 <sup>3</sup> M <sup>3</sup> )	Q1-3.T1.S1	(\$20.132)	
3.	Inventory adjustment (\$000)		(\$29,224.6)	

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

		Col.1
Line No.		Gas In Storage
Mon	th end balances except @ January 1	$(10^3 \text{ M}^3)$
1.	January 1	1 451 650.7
2.	January	1 072 257.6
3.	February	732 256.7
4.	March	523 019.7
5.	April	500 234.2
6.	May	644 127.2
7.	June	838 178.4
8.	July	1 190 065.5
9.	August	1 551 988.8
10.	September	1 874 817.0
11.	October	2 047 321.6
12.	November	1 965 230.9
13.	December	1 641 530.5
14.	Average of monthly averages	1 207 174.0

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# 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			
<u> </u>	GAS IN INVENTORY GAS COSTS WORKING CASH GST WORKING CASH	(24.30) (1.12) (0.04)	0.00 (1.12)	(24.30)
<u>;</u> ←	TOTAL RATE BASE IMPACT	(25.46)	(1.16)	(24.30)
	RETURN AT 9.36%:			
2.1	GAS COST	(2.38)	(0.11)	(2.27)
2	TOTAL IMPACT OF RETURN ON RATE BASE	(2.38)	(0.11)	(2.27)
	IMPACT ON TAXES			
3.1	CAPITAL AND LARGE CORPORATION TAXES	(0.10)	0.00	(0.10)
က	TOTAL COST OF SERVICE IMPACT	(2.48)	(0.11)	(2.37)

	COL. 14	FACTORS <u>Q1-3.3.4</u>		1.1 3.2 1.2	1.2 8.2 8.1			1.1 3.2			5	E 2	. 2	ci ci	3.2				Schedule 2 Page 1 of 1
						. 0													
	COL. 13	RATE 300		00.00	0.0	0.00		0.00	0.0		0.00	0.0	0.0	0.0	0.0	0.0		000000000000000000000000000000000000000	
	COL. 12	RATE 200		(2.72) (0.01) 0.14 0.07	(0.01) (0.01) 0.00	(2.54)		(0.00)	(0.03)		(2.72)	(0.01)	0.07	(0.01) (0.03)	(0.01)	(2.57)		(23.38) (0.10) (0.94) (0.06) (0.20) (0.04) (0.04) (1.02) 1.02	
	COL. 11	RATE <u>170</u>		(1.45) 0.00 0.29 0.36	(0.05) (0.01) 0.00	(0.86)		(0.00)	(0.06)		(1.45)	0.00	0.36	(0.05)	(0.01)	(0.92)		(23.38) 0.00 0.40 0.49 (0.06) (0.09) (0.02) 0.00 (22.65) 0.72	
	COL. 10	RATE <u>145</u>		(0.72) 0.00 0.16 0.11	(0.01) (0.01) 0.00	(0.47)		(0.03)	(0.03)		(0.72)	0.00	0.11	(0.01) (0.03)	(0.01)	(0.51)		(23.38) 0.00 0.73 0.49 (0.06) (0.15) 0.00 0.00 (22.41) 0.97	
	6 'TOO	RATE <u>135</u>		(0.08) 0.00 0.00 0.03	(0.00)	(0.05)		(0.00)	(0.00)		(0.08)	0.00	0.03	(0:00) 0:00	0.00	(0.05)		(22.38) 0.00 0.00 0.09 0.06 0.00 0.00 0.00 0.00	
	COL. 8	RATE <u>125</u>		00.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	00:0	0.00	0.00		000000000000000000000000000000000000000	
	COL. 7	RATE <u>115</u>		(1.08) (0.00) 0.08 0.44	(0.06) (0.00) 0.00	(0.62)		(0.00)	(0.02)		(1.08)	(0.00)	0.44	(0.06) (0.02)	(0.00)	(0.64)		(23.38) (0.00) 0.09 0.49 (0.06) (0.00) 0.00 0.00 0.00 0.49	
ì	COL. 6	RATE <u>110</u>		(0.56) (0.01) 0.17 0.30	(0.04) (0.01) 0.00	(0.14)		(0.00)	(0.04)		(0.56)	(0.01)	0.30	(0.04) (0.04)	(0.01)	(0.18)		(23.38) (0.01) 0.28 0.49 (0.06) (0.00) 0.00 (22.75)	
•	COL. 5	RATE 100		(2.05) (0.06) 0.59 0.32	(0.04) (0.03) 0.00	(1.27)		(0.00)	(0.13)		(2.05)	(0.06)	0.32	(0.04) (0.13)	(0.03)	(1.40)		(23.38) (0.09) 0.90 0.49 (0.06) (0.19) (0.04) 0.00 1.00 1.00	
	COL. 4	RATE 9		(0.05) 0.00 0.00 0.00	(0.00) 0.00 0.00	(0.05)		(0.00)	(0.00)		(0.05)	00.00	0.00	(0.00) 0.00	0.00	(0.05)		(23.38) 0.00 0.00 0.49 (0.06) 0.00 0.00 0.00 (22.96) 0.43	
	COL. 3	RATE <u>6</u>		(37.81) (0.58) 4.50 1.84	(0.23) (0.19) 0.00	(32.49)		(0.04)	(0:09)		(37.85)	(0.58)	1.84	(0.23) (0.96)	(0.19)	(33.48)		(23.38) (0.15) 1.19 0.49 (0.06) (0.05) 0.00 (22.22) 1.16	
	COL. 2	RATE 1		(65.00) (0.73) 5.21 2.20	(0.28) (0.22) 0.00	(58.82)		(0.06)	(1.17)		(65.06)	(0.73)	2.20	(0.28)	(0.22)	0:00  (59:99)		(23.38) (0.16) 1.15 0.49 (0.06) (0.05) 0.00 0.00 1.12	
	COL. 1	TOTAL		(111.51) (1.39) 11.14 5.66	(0.72) (0.48) 0.00	(97.30)		(0.11)	(2.48)		(111.62)	(1.39)	5.66	(0.72)	(0.48)	(99.78)		(23.38) (0.12) 0.96 0.49 (0.06) (0.20) (0.04) 0.00 1.02	
			ALLOCATION OF O&M COSTS	1 ANNUAL COMMODITY 2 PIPELINE PEAK 3 PIPELINE SEASONAL 4 PIPELINE ANNUAL	5 DISTRIBUTION COMMODITY 6 SPACE 7 DELIVERABILITY	TOTAL	ALLOCATION OF RETURN AND TAXES	1 ANNUAL COMMODITY 2 SEASONAL SPACE	TOTAL	TOTAL		2 PIPELINE PEAK 3 PIPELINE SEASONAL		5 DISTRIBUTION COMMODITY 5 SEASONAL SPACE		S DELIVERABILITY TOTAL	UNIT RATE CHANGE (\$ per 103m3)		TEM 3.6 = ITEM 1.2  ITEM 3.7 = ITEM 1.6  ITEM 3.1 = ITEM 1.4  ITEM 4.2 - ITEM 3.4BUNDLED ANNUAL DELIVERIES  ITEM 4.2 - ITEM 3.2BUNDLED ANNUAL DELIVERIES  ITEM 4.3 = ITEM 3.4BUNDLED ANNUAL DELIVERIES  ITEM 4.5 = ITEM 3.4BUNDLED ANNUAL DELIVERIES  ITEM 4.6 = ITEM 3.5TOTAL ANNUAL DELIVERIES  ITEM 4.6 = ITEM 3.7BUNDLED ANNUAL DELIVERIES  ITEM 4.7 = ITEM 3.7BUNDLED ANNUAL DELIVERIES  ITEM 4.8 = ITEM 3.8BUNDLED ANNUAL DELIVERIES
				1	1.5	←.		2.1	5		3.1	3.2	3.4	3.5	3.7	က် က်		4 4 4 4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6	

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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	Allocation		Transmis	Transmission and Compression	pression		Pool Storage	
Item <u>No. Description</u>	Tota	2/1	Pool	Classification Factor	Annual <u>Demand</u>	Daily <u>Demand</u>	Commodity	Annual <u>Demand</u>	Daily <u>Demand</u>	Commodity
1 Increase in Forecasted Lost and Unaccounted for Volume (\$000)	(478.4)	%69	31%	100% Commodity	0.0	0.0	(330.1)	0.0	0.0	(148.3)
2. Forecasted Gas Volumes (103 m³)	n/a				2,863,939	47,516	5,541,951	2,701,939	44,681	5,217,951
3   Haif coet - Annual (\$/403 m3)	6/0				00000	0000	(0.0596)	0000	0000	(1,0,0,0

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# $\frac{\textbf{ALLOCATION FACTORS}}{(10^6 \text{m}^3)}$

) COL. 11 COL. 12 COL. 13	RATE RATE RATE 170 200 300	62.1 116.5 0.0 729.3 150.0 0.0 729.3 150.0 0.0 0.0 0.5 0.0 71.9 34.5 0.0
9 COL. 10	RATE <u>145</u>	30.8 218.2 218.2 0.0 38.9
8 COL. 9	: RATE <u>135</u>	3.3 54.2 54.2 0.0
7 COL. 8	: RATE <u>125</u>	0.0000000000000000000000000000000000000
) COL. 7	RATE <u>115</u>	46.2 901.0 901.0 0.0
COL. 6	RATE 110	24.0 612.9 612.9 0.2 42.2
COL. 5	100 100	87.9 657.6 657.6 2.1 144.8
COL. 4	RATE <u>9</u>	2.0 2.7 2.7 0.0
COL. 3	RATE <u>6</u>	1,619.0 3,766.1 3,766.1 20.3 1,103.7
COL. 2	RATE 1	2,783.0 4,519.1 4,519.1 25.7 1,279.0
COL. 1	TOTAL	4,774.7 11,611.1 11,611.1 48.9 2,735.3
		<ul><li>1.1 ANNUAL SALES</li><li>1.2 BUNDLED ANNUAL DELIVERIES</li><li>1.3 TOTAL ANNUAL DELIVERIES</li><li>3.1 DELIVERABILITY</li><li>3.2 SPACE</li></ul>

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	Col. 15		TOTAL	1,607,231	869,821	993	79,210	42,581	56,315	3,353	3,219	20,999	40,965	40,303	969	2,765,686	1,763	1,560	2,769,010
	S	Ø		1,60	98		7	4	Ď			6	4	4		2,76			
	Col. 14	07-0897 RATE	GAS SUPPLY COMMODITY	744,721	435,912	532	23,409	6,377	12,277	0	884	8,210	16,508	30,979	0	1,279,808	0	0	1,279,808
(000)	Col. 13	POSED EB-20	GAS SUPPLY LOAD BAL	38,720	32,814	0	4,589	1,168	405	0	(457)	185	(7,161)	915	0	71,178	0	0	71,178
PONENT (\$	Col. 12	REVENUE -PROPOSED EB-2007-0897 RATES	TRANSPORT	162,908	135,763	26	23,706	22,093	32,481	0	1,954	7,864	26,291	5,407	0	418,565	0	0	418,565
S AND COM	Col. 11		DISTRIBTN	660,882	265,332	364	27,507	12,943	11,151	3,353	838	4,740	5,326	3,002	969	996,135	1,763	1,560	999,459
RATE CLAS	Col. 10		TOTAL	(59,958)	(33,647)	(46)	(1,494)	(177)	(989)	0	(54)	(208)	(924)	(2,570)	0	(100,014)	(24)	0	(100,038)
OLOGY BY	Col. 9	ENCY	GAS SUPPLY COMMODITY	(65,057)	(37,847)	(47)	(2,054)	(561)	(1,079)	0	(78)	(719)	(1,451)	(2,724)	0	(111,617)	0	0	(111,617)
D METHOD	Col. 8	(SUFFICIENCY) / DEFICIENCY	GAS SUPPLY GAS SUPPLY  LOAD BAL COMMODITY	3,367	2,956	0	403	129	64	0	0	125	230	96	0	7,370	0	0	7,370
PROPOSE	Col. 7	(SUFFIC	TRANSPORT	2,205	1,837	-	321	299	440	0	56	106	356	73	0	5,664	0	0	5,664
DOLOGY vs	Col. 6		DISTRIB'TN	(472)	(594)	(0)	(164)	(44)	(09)	0	(3)	(20)	(69)	(15)	0	(1,431)	(24)	0	(1,455)
RISON - CURRENT METHODOLOGY vs PROPOSED METHODOLOGY BY RATE CLASS AND COMPONENT (\$000)	Col. 5		TOTAL	1,667,189	903,468	1,038	80,704	42,758	56,951	3,353	3,274	21,507	41,888	42,873	969	2,865,701	1,788	1,560	2,869,048
SON - CURF	Col. 4	RATES 1	GAS SUPPLY COMMODITY	809,778	473,759	578	25,463	6,937	13,357	0	962	8,929	17,960	33,703	0	1,391,426	0	0	1,391,426
COMPARI	Col. 3	REVENUE -EB-2007-0701	GAS SUPPLY LOAD BAL	35,353	29,858	0	4,186	1,039	341	0	(457)	09	(7,391)	819	0	63,808	0	0	63,808
REVENUE COMPA	Col. 2	REVENU	TRANSPORT	160,704	133,926	96	23,385	21,794	32,042	0	1,927	7,758	25,935	5,334	0	412,900	0	0	412,900
	Col. 1		DISTRIBTN	661,354	265,926	364	27,671	12,987	11,211	3,353	842	4,760	5,385	3,018	969	997,566	1,788	1,560	1,000,914
			RATE NO.	-	9	6	100	110	115	125	135	145	170	200	300	13. SUB-TOTAL	RAGE	JC	J
			NO.	<del>-</del>	5	ю́	4	5.	9	7.	ωi	6	10.	1.	12.	13. SUE	14. STORAGE	15. DPAC	16. TOTAL

Notes: 1. Revenue based on EB-2007-0701 rates applied to 2008 forecast volumes

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	Col. 13	** TOTAL	REVENUES \$000	1,607,231	869,821	866	79,210	42,581	56,315	3,353	3,219	20,999	40,965	40,303	969	2,765,686	1,763	1,560	2,769,010
	Col. 12		UNIT RATE ¢/m³	26.76	26.92	26.59	26.64	26.59	26.59	0.00	26.65	26.68	26.59	26.59	0.00	26.80	N/A	N/A	26.80
	Col. 11	GAS SUPPLY COMMODITY	REVENUES \$000	744,721	435,912	532	23,409	6,377	12,277	0	884	8,210	16,508	30,979	0	1,279,808	0	0	1,279,808
	Col. 10		VOLUMES 10³ m³	2,782,954	1,618,997	2,000	87,861	23,984	46,177	0	3,317	30,767	62,091	116,517	0	4,774,664	N/A	N/A	4,774,664
(2000)	Col. 9		UNIT RATE ¢/m³	0.86	0.87	0.00	0.70	0.19	0.05	0.00	(0.84)	0.08	(0.98)	0.61	0.00	0.61	N/A	N/A	0.61
RATE CLASS	Col. 8	GAS SUPPLY LOAD BALANCING	REVENUES \$000	38,720	32,814	0	4,589	1,168	405	0	(457)	185	(7,161)	915	0	71,178	0	0	71,178
ECOVERY BY F	Col. 7	G LOA	VOLUMES 103 m3	4,519,130	3,766,115	2,703	657,604	612,879	901,043	0	54,198	218,150	729,316	149,994	0	11,611,133	N/A	N/A	11,611,133
REVENUE F	Col. 6		UNIT RATE ¢/m³	3.60	3.60	3.60	3.60	3.60	3.60	0.00	3.60	3.60	3.60	3.60	0.00	3.60	N/A	N/A	3.60
-UMES AND	Col. 5	GAS SUPPLY TRANSPORTATION	REVENUES \$000	162,908	135,763	26	23,706	22,093	32,481	0	1,954	7,864	26,291	5,407	0	418,565	0	0	418,565
PROPOSED VOLUMES AND REVENUE RECOVERY BY RATE CLASS (\$000)	Col. 4	GTRA	VOLUMES 10³ m³	4,519,130	3,766,115	2,703	657,604	612,879	901,043	0	54,198	218,150	729,316	149,994	0	11,611,133	N/A	N/A	11,611,133
<del></del> -	Col. 3		UNIT RATE ¢/m³	14.62	7.05	13.45	4.18	2.11	1.24	0.00	1.55	2.17	0.73	2.00	00.00	8.56	N/A	N/A	8.56
	Col. 2	DISTRIBUTION	REVENUES \$000	660,882	265,332	364	27,507	12,943	11,151	3,353	838	4,740	5,326	3,002	969	996,135	1,763	1,560	999,459
	Col. 1	ā	VOLUMES 103 m <sup>3</sup>	4,519,130	3,766,115	2,703	657,604	612,879	901,043	0	54,198	218,150	729,316	149,994	31,931	11,643,064	N/A	N/A	11,643,064
		RATE	NO.	~	9	6	100	110	115	125	135	145	170	200	300	SUB-TOTAL	STORAGE	DPAC	TOTAL
		ITEM	o.	<del>-:</del>	5	6.	4.	2.	9	7.	œ.	6	10.	<del>L</del> .	15.	13	4.	15.	16.

Total Revenue includes T-Service

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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
		REVE	NUE -EB-2007-	0701	PROP	OSED EB-2007	-0897	
Item	Rate		Unbilled		Proposed	Unbilled		Total
No.	No.	Revenue	Revenue	Total	Revenue	Revenue	Total	Difference
	· <u></u>	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
1.	1	1,667,189	1,534	1,668,723	1,607,231	1,501	1,608,732	(59,991)
2.	6	903,468	619	904,088	869,821	785	870,606	(33,481)
3.	9	1,038	0	1,038	993	0	993	(46)
4.	100	80,704	(4,853)	75,851	79,210	(4,755)	74,455	(1,396)
5.	110	42,758	44	42,802	42,581	42	42,624	(179)
6.	115	56,951	(8)	56,943	56,315	(8)	56,307	(636)
7.	125	3,353	0	3,353	3,353	0	3,353	0
8.	135	3,274	(1)	3,273	3,219	(1)	3,219	(54)
9.	145	21,507	(34)	21,473	20,999	(34)	20,965	(508)
10.	170	41,888	32	41,920	40,965	32	40,996	(924)
11.	200	42,873	0	42,873	40,303	0	40,303	(2,570)
12.	300	696	0	696	696	0	696	0
13.	SUB-TOTAL	2,865,701	(2,666)	2,863,034	2,765,686	(2,438)	2,763,249	(99,786)
14.	STORAGE	1,788	0	1,788	1,763	0	1,763	(24)
15.	DPAC	1,560	0	1,560	1,560	0	1,560	0
16.	TOTAL	2,869,048	(2,666)	2,866,382	2,769,010	(2,438)	2,766,572	(99,810)

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### SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Item <u>No.</u>	Rate No.		Rate Block m³	EB-2007-0701 cents *	Rate <u>Change</u> cents *	Proposed EB-2007-0897 cents *
1.01 1.02 1.03 1.04 1.05	RATE 1	Customer Charge Delivery Charge	first 30 next 55 next 85 over 170	\$11.95 10.3361 9.6702 9.1486 8.7601	\$0.00 (0.0118) (0.0110) (0.0104) (0.0100)	\$11.95 10.3243 9.6592 9.1382 8.7501
1.06 1.07 1.08 1.09		Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell		0.7823 3.5561 29.0978 29.0793	0.0745 0.0488 (2.3377) (2.3377)	0.8568 3.6049 26.7601 26.7416
2.01 2.02 2.03 2.04 2.05 2.06 2.07	RATE 6	Customer Charge Delivery Charge	First 500 Next 1050 Next 4500 Next 7000 Next 15250 Over 28300	\$23.89 9.4116 7.1947 5.6427 4.6452 4.2019 4.0909	\$0.00 (0.0253) (0.0193) (0.0152) (0.0125) (0.0113) (0.0110)	\$23.89 9.3863 7.1754 5.6276 4.6327 4.1906 4.0799
2.08 2.09 2.10 2.11		Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	010.1 20000	0.7928 3.5561 29.2625 29.2440	0.0785 0.0488 (2.3377) (2.3378)	0.8713 3.6049 26.9248 26.9062
3.01 3.02 3.03 3.04 3.05 3.06 3.07	RATE 9	Customer Charge Delivery Charge  Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 20000 over 20000	\$232.31 10.5351 9.8611 0.0000 3.5561 28.9250 28.9065	\$0.00 (0.0063) (0.0059) 0.0000 0.0488 (2.3377) (2.3378)	\$232.31 10.5289 9.8553 0.0000 3.6049 26.5873 26.5687
4.01 4.02 4.03 4.04 4.05 4.06 4.07 4.08	RATE 100	Customer Charge Demand Charge (Cents/Month/m³) Delivery Charge  Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 14,000 next 28,000 over 42,000	\$116.18 8.0000 4.8009 3.4419 2.8829 0.6365 3.5561 28.9810 28.9625	\$0.00 0.0000 (0.0250) (0.0250) (0.0250) 0.0613 0.0488 (2.3377) (2.3378)	\$116.18 8.0000 4.7760 3.4170 2.8580 0.6978 3.6049 26.6433 26.6247
5.01 5.02 5.03 5.04 5.05 5.06 5.07 5.08	RATE 110	Customer Charge Demand Charge (Cents/Month/m³) Delivery Charge  Load Balancing Commodity Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 1,000,000 over 1,000,000	\$569.93 22.8000 0.4963 0.3463 0.1696 3.5561 28.9250 28.9065	\$0.00 0.0000 (0.0071) (0.0071) 0.0210 0.0488 (2.3377) (2.3378)	\$569.93 22.8000 0.4891 0.3391 0.1906 3.6049 26.5873 26.5687

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

		Col.1	Col. 2	Col. 3	Col. 4	Col. 5
Item No.	Rate No.		Rate Block m³	EB-2007-0701 cents *	Rate <u>Change</u> cents *	Proposed EB-2007-0897 cents *
1.01 1.02 1.03 1.04 1.05 1.06 1.07 1.08	RATE 115	Customer Charge Demand Charge (Cents/Month/m³) Delivery Charge  Load Balancing Commodity Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 1,000,000 over 1,000,000		\$0.00 0.0000 (0.0066) (0.0066) 0.0071 0.0488 (2.3377) (2.3378)	\$624.81 24.9900 0.2515 0.1515 0.0450 3.6049 26.5873 26.5687
2.01 2.02	RATE 125	Customer Charge Delivery Charge (Cents/Month/m³	of Contract Dmnd)	500.00 9.0020	\$ - 0.0000	\$ 500.00 9.0020
3.00 3.01 3.02 3.03 3.04 3.05 3.06 3.07	RATE 135	DEC - MAR Customer Charge Delivery Charge  Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 14,000 next 28,000 over 42,000	5.4684	\$0.00 (0.0062) (0.0062) (0.0062) 0.0000 0.0488 (2.3377) (2.3378)	\$113.40 6.6622 5.4622 5.0622 0.0000 3.6049 26.6504 26.6318
3.08 3.09 3.10 3.11 3.12 3.13 3.14 3.15	RATE 135	APR - NOV Customer Charge Delivery Charge  Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 14,000 next 28,000 over 42,000	1.2684	\$0.00 (0.0062) (0.0062) (0.0062) 0.0000 0.0488 (2.3377) (2.3378)	\$113.40 1.9622 1.2622 1.0622 0.0000 3.6049 26.6504 26.6318
4.00 4.01 4.02 4.03 4.04 4.05 4.06 4.07 4.08	RATE 145	Customer Charge Demand Charge (Cents/Month/m³) Delivery Charge  Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 14,000 next 28,000 over 42,000	1.4387	\$0.00 - (0.0093) (0.0093) (0.0093) 0.0572 0.0488 (2.3377) (2.3378)	\$118.06 8.0000 2.7884 1.4294 0.8704 0.4502 3.6049 26.6845 26.6659
5.00 5.01 5.02 5.03 5.04 5.05 5.06 5.07	RATE 170	Customer Charge Demand Charge (Cents/Month/m³) Delivery Charge  Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell	first 1,000,000 over 1,000,000		\$0.00 0.0000 (0.0080) (0.0080) 0.0316 0.0488 (2.3377) (2.3378)	\$271.40 4.0700 0.4840 0.2840 0.2236 3.6049 26.5873 26.5687

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

		Col.1	Col. 2	Col. 3	Col. 4	Col. 5
Item No.	Rate No.		Rate Block m³	EB-2007-0701 cents *	Rate <u>Change</u> cents *	Proposed EB-2007-0897 cents *
1.00 1.01 1.02 1.03 1.04 1.05 1.06	RATE 200	Customer Charge Demand Charge (Cents/Month/m³) Delivery Charge Gas Supply Load Balancing Gas Supply Transportation Gas Supply Commodity - System Gas Supply Commodity - Buy/Sell		\$0.00 14.2200 0.9659 0.6106 3.5561 28.9250 28.9065	\$0.00 0.0000 (0.0103) 0.0639 0.0488 (2.3377) (2.3378)	\$0.00 14.2200 0.9557 0.6745 3.6049 26.5873 26.5687
2.00	RATE 300	FIRM SERVICE Monthly Customer Charge		\$500.00	\$0.00	\$500.00
2.01		Demand Charge (Cents/Month/m³)		24.6921	0.0000	24.6921
2.02 2.03		INTERRUPTIBLE SERVICE Minimum Delivery Charge (Cents/Mo Maximum Delivery Charge (Cents/M		0.3551 0.9742	0.0000 0.0000	0.3551 0.9742
3.00 3.01 3.02	RATE 315	Monthly Customer Charge Space Demand Chg (Cents/Month/m Deliverability/Injection Demand Chg Injection & Withdrawal Chg (Cents/M	(Cents/Month/m	\$150.00 0.0369 12.4131 0.4803	\$0.00 0.0000 (0.0000) (0.0069)	\$150.00 0.0369 12.4131 0.4734 (1)
4.00	RATE 320	Backstop A	III Gas Sold	32.9651	(2.2653)	30.6997
5.00 5.01 5.02 5.03	RATE 316	Monthly Customer Charge Space Demand Chg (Cents/Month/m Deliverability/Injection Demand Chg Injection & Withdrawal Chg (Cents/W	(Cents/Month/m	\$150.00 0.0369 3) 3.4994 0.1444	\$0.00 (0.0000) (0.0000) (0.0068)	\$150.00 0.0369 3.4994 0.1376

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### SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't) Col. 2

Col. 3

Col. 4

Col. 5

Col.1

		COI. I	COI. 2	C01. 3	COI. 4	C01. 5
Item No.	Rate No.	<u> 1</u>	Rate Block m³	EB-2007-0701 cents *	<u>Change</u> cents *	Proposed EB-2007-0897 cents *
	RATE 325					
1.00 1.01 1.02		Transmission & Compression Demand Charge - ATV (\$/Month/10³ m³) Demand Charge - Daily Wdrl. (\$/Month/Commodity Charge		0.1765 15.9550 1.3000	0.0000 0.0000 (0.0600)	0.1765 15.9550 1.2400
1.03 1.04 1.05		Storage Demand Charge - ATV (\$/Month/10*3 m Demand Charge - Daily Wdrl. (\$/Month/ Commodity Charge  (2) Note: These are UNBUNDLED Rates	10 <sup>3</sup> m <sup>3</sup> )	0.2115 (2) 19.1853 (2) 0.4990	0.0000 0.0000 (0.0280)	0.2115 19.1853 0.4710
2.00 2.01	RATE 330	Storage Service - Firm Demand Charge (\$/Month/10³ m³ of AT\ Minimum Maximum	/)	0.3880 1.9400	0.0000 0.0000	0.3880 1.9400
2.02 2.03		Demand Charge (\$/Month/10³ m³ of Dail Minimum Maximum	ly Withdrawal)	35.1403 175.7016	0.0000 0.0000	35.1403 175.7016
2.04 2.05		Commodity Charge Minimum Maximum		1.7990 8.9950	(0.0880) (0.4400)	1.7110 8.5550
2.06 2.07		Storage Service - Interruptible Demand Charge (\$/Month/10³ m³ of AT\ Minimum Maximum	/)	0.3880 1.9400	0.0000 0.0000	0.3880 1.9400
2.08 2.09		Demand Charge (\$/Month/10³ m³ of Dail Minimum Maximum	ly Withdrawal)	28.1123 140.5613	0.0000 0.0000	28.1123 140.5613
2.10 2.11		Commodity Charge Minimum Maximum		1.7990 8.9950	(0.0880) (0.4400)	1.7110 8.5550
2.12 2.13		Storage Service - Off Peak Commodity Charge Minimum Maximum		0.8115 39.5138	(0.0280) (0.4400)	0.7835 39.0738
3.00	RATE 331	Tecumseh Transmission Service Firm Demand Charge (\$/Month/10³ m³ of Maximum Contracted Daily Delivery)		4.9480	0.0000	4.9480
3.01		Interruptible Commodity Charge (\$/10³m³ of gas deliv	vered)	0.1950	0.0000	0.1950

CALCULATION OF GAS SUPPLY CHARGES BY RATE CLASS

Col. 12	REFERENCE				(1.1/2.2)*3.2 (1.2/2.2)*3.2 (1.3/2.2)*3.2 (1.4/2.2)*3.2		(4.1+5.1)/3.2 (4.2+6.2)/3.2 (4.3+5.3)/3.2 (4.4+5.4)/3.2	+5.1)/3.1 :+5.2)/3.1 :+5.4)/3.1	Filed: 2007-11- EB-2007-0897 Exhibit Q1-3 Tab 4 Schedule 4 Page 1 of 3
Col. 11	RATE 200	34,349 - 22 35 34,406	118,949	116,517 116,517	33,647 - 22 34 33,703	(2,721)	26.5416 - 0.0185 0.0271 26.5873	26.5416	
Col. 10	RATE 170	16,594 - 11 17 16,622	57,464 57,464	62,091 62,091	17,930 - 12 18 17,960	(1,450) - - (1,452)	26.5416 0.0185 0.0271 26.5873	26.5416	
Col. 9	RATE 145	11,915 40 8 12 11,974	41,260 41,260	30,767 30,767	8,885 30 6 9 8,929	(719) - - (1) - (719)	26.5416 0.0972 0.0185 0.0271 26.6845	26.5416 0.0972 0.0271 26.6659	
Col. 8	RATE 135	1,504 3 1 1,510	5,208 5,208	3,317 3,317	958	(77)	26.5416 0.0631 0.0185 0.0271 26.6504	26.5416 0.0631 0.0271 26.6318	
Col. 7	RATE 115	12,032 - 8 12,052	41,666	46,177	13,335 - 9 14 13,357	(1,078) - - (1)	26.5416 - 0.0185 0.0271 26.5873	26.5416 - 0.0271 26.5687	
Col. 6	RATE 110	14,452 - 9 15 14,476	50,045 50,045	23,984	6,926 - 4 7 7	(560)	26.5416 0.0185 0.0271 26.5873	26.5416	
Col. 5	RATE 100	63,168 122 41 64 63,395	218,747 218,747	87,861 87,861	25,372 49 16 26 25,463	(2,052)	26.5416 0.0560 0.0185 0.0271 26.6433	26.5416 0.0560 0.0271 26.6247	y 2008 Bud Vo
Col. 4	RATE 9	1,562	5,409	2,000	577	(47) - (0) (47)	26.5416 0.0185 0.0271 26.5873	26.5416	ʻol., multiplied b
Col. 3	RATE 6	417,673 4,882 268 425 425	1,446,384	1,618,997	467,519 5,464 300 476 473,759	(37,811) - - (37) (37)	26.5416 0.3375 0.0185 0.0271 26.9248	26.5416 0.3375 0.0271 26.9062	by 2007 ADR \
Col. 2	RATE 1	797,892 4,775 512 813 803,992	2,763,065 2,763,065	2,782,954 2,782,954	803,635 4,809 516 819 809,779	(64,995) (63) (65,058)	26.5416 0.1728 0.0185 0.0271 26.7601	26.5416 0.1728 0.0271 26.7416	pply Costs divided
Col. 1	TOTAL	1,371,140 9,822 880 1,397 1,383,239	4,748,197 4,748,197	4,774,664 4,774,664	1,378,783 10,355 885 1,405 1,391,427	AL COSTS (111,511)	26.5416 0.2169 0.0185 0.0271 26.8041	26.5416 0.2169 0.0271 26.7856	er 2007 Gas Su
-	DERIVATION OF GAS SUPPLY CHARGE	GAS SUPPLY COSTS- EB-2007-0701 (\$000) Annual Commodity Bad Debt Commodity System Gas Fee Return on Rate Base - Working Cash Total Commodity Costs	VOLUMES- EB-2006-0034 (10³ m³) System and Buy/Sell Volumes System Volumes	VOLUMES- EB-2007-0615 (10³ m³) System and Buy/Sell Volumes System Volumes	REBASED GAS SUPPLY COSTS- EB-2007-0701 (\$000)           Annual Commodity         1,378,783           Bad Debt Commodity         10,355           System Gas Fee         885           Return on Rate Base - Working Cash         1,405           Total Commodity Costs         1,391,427	2008 QRAM 1 (EB-2007-0897) INCREMENTAL COSTS Annual Commodity Bad Debt Commodity System Gas Fee Return on Rate Base - Working Cash Total Commodity Costs  (108	GAS SUPPLY CHARGE SYSTEM (¢/m³) Annual Commodity Bad Debt Commodity System Gas Fee Return on Rate Base - Working Cash System Gas Supply Charge	GAS SUPPLY CHARGE BUY/SELL(e/m3) Annual Commodity Bad Debt Commodity Return on Rate Base - Working Cash Buy/Sell Gas Supply Charge	Notes: 1. Rebased 2007 Gas Supply Costs- October 2007 Gas Supply Costs divided by 2007 ADR Vol., multiplied by 2008 Bud Vol.
Item		 	2.2	3.1	4 4 4 4 4 - 4 6 4 4		6.2 6.3 7.6 6.3 7.6 7.6 8.3	7.1 7.2 7.3	

Notes: 1. Rebased 2007 Gas Supply Costs- October 2007 Gas Supply Costs divided by 2007 ADR Vol., multiplied by 2008 Bud Vol.

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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 Rebased EB-2007-0701 Gas Supply Charge ¢/m³		29.0978	29.2625	28.9250	28.9810	28.9250	28.9250	28.9881	29.0222	28.9250	28.9250
$2  \text{EB-2007-0615 Sales Volume '000 m}^3$	4,774,664	2,782,954	1,618,997	2,000	87,861	23,984	46,177	3,317	30,767	62,091	116,517
3 Gas Supply Charge Revenue \$'000	1,391,427	809,779	473,759	578	25,463	6,937	13,357	362	8,929	17,960	33,703
Add 4 Commodity Cost Change <sup>(1)</sup> 5 Working Cash Commodity Change <sup>(2)</sup>	(111,511)	(64,995) (63)	(37,811)	(47)	(2,052)	(560)	(1,078)	(0)	(719)	(1,450)	(2,721) (3)
6 Gas Supply Costs underpinning EB-2007-0897 rates	1,279,808	744,721	435,911	532	23,409	6,377	12,277	884	8,210	16,508	30,979
7 Gas Supply Charge		26.7601	26.9248	26.5873	26.6433	26.5873	26.5873	26.6504	26.6845	26.5873	26.5873

Notes: (1) Q 1-3, Tab 3, Sch. 4, Item 5.1 (2) Q 1-3, Tab 3, Sch. 4, Item 5.4

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CALCULATION OF GAS SUPPLY LOAD BALANCING & TRANSPORTATION CHARGES BY RATE CLASS

Item	_	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
		TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200	REFERENCE
	DERIVATION OF LOAD BALANCING CHARGES	"											
 	ANNUAL LOAD BALANCING COSTS-EB-2007-0701 (\$000) Peak Seasonal 3,67 Seasonal 55,38 DSM Costs Total Load Balancing 73,60	9701 (\$000) 17,542 3,671 52,389 - 73,601	8,901 1,715 24,479 - 35,094	6,228 1,227 17,507 - 24,962		2,068 443 6,327 - 8,838	117 61 874 -	5 22 316 -		. 65 925 989	92 1,310 -	224 46 651 -	
2	VOLUMES-EB-2006-0034 ( $10^3  m^3$ ) Annual Deliveries	11,745,104	4,486,025	3,148,669	7,375	1,388,597	620,484	906,216	55,396	251,758	729,925	150,658	
ო	VOLUMES-EB-2007-0615 (10 $^3m^3$ ) Annual Deliveries	11,611,133	4,519,130	3,766,115	2,703	657,604	612,879	901,043	54,198	218,150	729,316	149,994	
4 4 4 4 4 - 4 6 6 4	REBASED ANNUAL LOAD BALANCING CHARGE- EB-2007-0701 (¢m³         Peak       17,738       8         Seasonal       3,681       1         Aturn on Rate Base - Gas in Inventory       52,532       24, DSM         DSM Costs       -       73,950       35         Total Load Balancing       73,950       35	GE- EB-2007-070 17,738 3,681 52,532 - 73,950	24,659 24,659 35,353	7,449 1,467 20,940 - 29,857	1 1 1 1	979 210 2,996 - 4,186	115 61 864 - 1,039	5 22 315 -	1 1 1 1	56 801 -	92 1,309 -	223 45 648 -	(1.1/2) * 3 (1.2/2) * 3 (1.3/2) * 3 (1.4/2) * 3
7.0.0 7.0.0 7.0.0 7.0.0	2008 QRAM 1 (EB-2007-0897) INCREMENTAL COSTS Peak Seasonal Return on Rate Base - Gas in Inventory DSM Costs Total Load Balancing	(1,395) (1,395) (11,142 (2,372) 7,375	(732) 5,210 (1,109)	(579) 4,496 (957) 2,959		(61) 590 (126)	(7) 172 (37)	(1) 82 (18) -		159 (34)	293 (62)	(15) 141 (30) -	
9	ANNUAL LOAD BALANCING CHARGE (e/m³) Load Balancing		0.8568	0.8713	0.0000	0.6978	0.1906	0.0450	0.0000	0.4502	0.2236	0.6745	2/3
7.1	DERIVATION OF TRANSPORTATION CHARGES EB-2007-0701 Transportation Charge ( $e/m^3$ ) Upstream Increase/(Decrease) in Unit Rate PROPOSED TRANSPORTATION CHARGE ( $e/m^3$ )	s &	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	3.5561 0.0488 3.6049	

Notes: 1. Rebased 2007 Load Balancing Costs- October 2007 Load Balancing Costs divided by 2007 ADR Vol., multiplied by 2008 Bud Vol.

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### **DETAILED REVENUE CALCULATION**

### EB-2007-0701 vs EB-2007-0897

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6 Prop	Col. 7
			_	EB-200	07-0701			07-0897
Item No.		Rate Block m³	Bills & <u>Volumes</u> 10³ m³	Rate cents*	Revenues \$000	Rate <u>Change</u> cents*	Rate cents*	Revenues \$000
	RATE 1				•			****
1.1	Customer Charge	Bills	20,491,828	\$11.95	244,877	\$0.00	\$11.95	244,877
1.2 1.3 1.4 1.5	Delivery Charge  Total Distribution Charg	first 30 next 55 next 85 over 170	587,451 857,070 935,772 2,138,838 4,519,130	10.3361 9.6702 9.1486 8.7601	60,719 82,881 85,610 187,365 661,452	(0.0118) (0.0110) (0.0104) (0.0100)	10.3243 9.6592 9.1382 8.7501	60,650 82,786 85,512 187,151 660,976
2.1 2.2	Gas Supply Load Balan Gas Supply Transportat	•	4,519,130 4,519,130	0.7823 3.5561	35,353 160,704	0.0745 0.0488	0.8568 3.6049	38,720 162,908
3.1 3.2 3.	Gas Supply Commodity Gas Supply Commodity Total Gas Supply Charg	- Buy/Sell	2,782,954 0 2,782,954	29.0978 29.0793	809,778 0 809,778	(2.3377) (2.3377)	26.7601 26.7416	744,721 0 744,721
4.1 4.2 4.3 4.	TOTAL DISTRIBUTION TOTAL GAS SUPPLY L TOTAL GAS SUPPLY C TOTAL RATE 1	OAD BALANCING	4,519,130 4,519,130 2,782,954 <b>4,519,130</b>		661,452 196,057 809,778 1,667,287			660,976 201,628 744,721 1,607,326
5.	Adj. Factor	0.9999						
6.	ADJUSTED REVENUE				1,667,189			1,607,231
7.	REVENUE INC./(DEC.)							(59,958)

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## DETAILED REVENUE CALCULATION

## EB-2007-0701 vs EB-2007-0897

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7 posed
				EB-200	7-0701			07-0897
Item No.	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	1,863,187	\$23.89	44,512	\$0.00	\$23.89	44,512
1.2 1.3 1.4 1.5 1.6 1.7	Delivery Charge  Total Distribution Cha	First 500 Next 1050 Next 4500 Next 7000 Next 15250 Over 28300  arge	529,111 609,781 1,053,411 618,061 493,298 462,453 3,766,115	9.4116 7.1947 5.6427 4.6452 4.2019 4.0909	49,798 43,872 59,441 28,710 20,728 18,919 265,979	(0.0253) (0.0193) (0.0152) (0.0125) (0.0113) (0.0110)	9.3863 7.1754 5.6276 4.6327 4.1906 4.0799	49,664 43,754 59,281 28,633 20,672 18,868 265,384
2.1 2.2	Gas Supply Load Bal Gas Supply Transpor	•	3,766,115 3,766,115	0.7928 3.5561	29,858 133,926	0.0785 0.0488	0.8713 3.6049	32,814 135,763
3.1 3.2 3.	Gas Supply Commod Gas Supply Commod Total Gas Supply Cha	lity - Buy/Sell	1,618,997 0 1,618,997	29.2625 29.2440	473,759 0 473,759	(2.3377) (2.3378)	26.9248 26.9062	435,912 0 435,912
4.1 4.2 4.3 4.	TOTAL DISTRIBUTION TOTAL GAS SUPPLY TOTAL GAS SUPPLY TOTAL RATE 6	Y LOAD BALANCIN	3,766,115 3,766,115 1,618,997 <b>3,766,115</b>		265,979 163,784 473,759 903,522			265,384 168,577 435,912 869,872
5.	Adj. Factor	1.000						
6.	ADJUSTED REVENU	JE			903,468			869,821
7.	REVENUE INC./(DEC	C.)						(33,647)

NOTE \* Cents unless otherwise noted.

Filed: 2007-11-30 EB-2007-0897 Exhibit Q1-3 Tab 4 Schedule 5 Page 3 of 7

#### **DETAILED REVENUE CALCULATION**

Col. 1

Col. 2

#### EB-2007-0701 vs EB-2007-0897

Col. 4

25,463

27,671

27,571

25,463

80,704

Col. 5

Col. 6

Col. 7

23,409

27,507

28,294

23,409

79,210

(1,494)

Col. 3

Item			Bills &	EB-200	07-0701	Rate		posed 007-0897
No.		Rate Block m³	Volumes 10 <sup>3</sup> m <sup>3</sup>	Rate cents*	Revenues \$000	Change cents*	Rate cents*	Revenues \$000
	RATE 9				•			•
1.1	Customer Charge	Bills	348	\$232.31	81	\$0.00	\$232.31	81
1.2	Delivery Charge	first 20000	2,431	10.5351	256	(0.0063)	10.5289	256
1.3		over 20000	272	9.8611	27	(0.0059)	9.8553	27
1.	Total Distribution Cha	arge	2,703		364			364
2.1	Gas Supply Load Ba	lancing	2,703	0.0000	0	0.0000	0.0000	0
2.2	Gas Supply Transpo	rtation	2,703	3.5561	96	0.0488	3.6049	97
3.1	Gas Supply Commod	dity - System	2,000	28.9250	578	(2.3377)	26.5873	532
3.2	Gas Supply Commod	dity - Buy/Sell	0	28.9065	0	(2.3378)	26.5687	0
3.	Total Gas Supply Ch	arge	2,000		578			532
4.1	TOTAL DISTRIBUTION	ON	2,703		364			364
4.2	TOTAL GAS SUPPL	Y LOAD BALANCIN	2,703		96			97
4.3	TOTAL GAS SUPPL	Y COMMODITY	2,000		578			532
4	TOTAL RATE 9	-	2,703		1,038			993
5.	REVENUE INC./(DE	C.)						(46)
							Pro	posed
			Contracts &	EB-200	7-0701	Rate	EB-20	007-0897
		Rate Block m³	Volumes 10 <sup>3</sup> m <sup>3</sup>	Rate cents*	Revenues	Change cents*	Rate cents*	Revenues
	RATE 100	III	103 1113	cents	\$000	cents	cents	\$000
1.1	Customer Charge	Contracts	7,189	\$116.18	835	\$0.00	\$116.18	835
1.2	Demand Charge		64,579	\$8.00	5,166	-	8.00	5,166
1.3	Delivery Charge	first 14,000	95,718	4.8009	4,595	(0.0250)	4.7760	4,571
1.4	, ,	next 28,000	156,527	3.4419	5,388	(0.0250)	3.4170	5,349
1.5		over 42,000	405,359	2.8829	11,686	(0.0250)	2.8580	11,585
1	Total Distribution Cha	arge	657,604		27,671			27,507
2.1	Gas Supply Load Ba	lancing	657,604	0.6365	4,186	0.0613	0.6978	4,589
2.2	Gas Supply Transpo	rtation	657,604	3.5561	23,385	0.0488	3.6049	23,706
3.1	Gas Supply Commod	dity - System	87,861	28.9810	25,463	(2.3377)	26.6433	23,409
3.2	Gas Supply Commod		0	28.9625	0	(2.3378)	26.6247	0
2	Total Can Cumply Ch		07.064		OF 460	` -/		22 400

87,861

657,604

657,604

87,861

657,604

5 REVENUE INC./(DEC.)

NOTE: \* Cents unless otherwise noted.

Total Gas Supply Charge

TOTAL DISTRIBUTION

**TOTAL RATE 100** 

TOTAL GAS SUPPLY LOAD BALANCIN

TOTAL GAS SUPPLY COMMODITY

4.1

4.2

4.3

Filed: 2007-11-30 EB-2007-0897 Exhibit Q1-3 Tab 4 Schedule 5 Page 4 of 7

## **DETAILED REVENUE CALCULATION**

Col. 1

## EB-2007-0701 vs EB-2007-0897

Col. 4

Col. 3

Col. 5

Col. 6

Col. 7

11,151

32,887

12,277

56,315

(636)

Item			Contracts &	EB-200	7-0701	Rate		posed 07-0897
No.		Rate Block	Volumes	Rate	Revenues	Change	Rate	Revenues
		m³	$10^{3}  \text{m}^{3}$	cents*	\$000	cents*	cents*	\$000
	RATE 110							
1.1	Customer Charge	Contracts	3,071	\$569.93	1,750	\$0.00	\$569.93	1,750
1.2	Demand Charge		36,477	22.8000	8,317	0.0000	22.8000	8,317
1.3	Delivery Charge	first 1,000,000	531,855	0.4963	2,639	(0.0071)	0.4891	2,601
1.4		over 1,000,000	81,024	0.3463	281	(0.0071)	0.3391	275
1.	Total Distribution Ch	arge	612,879		12,987			12,943
2.1	Load Balancing Den	nand	36,477	0.0000	0	0.0000	0.0000	0
2.2	Load Balancing Com	nmodity	612,879	0.1696	1,039	0.0210	0.1906	1,168
2.3	Gas Supply Transpo	rtation	612,879	3.5561	21,794	0.0488	3.6049	22,093
2.	Total Gas Supply Lo	ad Balancing			22,834			23,262
3.1	Gas Supply Commo		23,984	28.9250	6,937	(2.3377)	26.5873	6,377
3.2	Gas Supply Commo		0	28.9065	0	(2.3378)	26.5687	0
3.	Total Gas Supply Ch	narge	23,984		6,937			6,377
4.1	TOTAL DISTRIBUTI	ON	612,879		12,987			12,943
4.2	TOTAL GAS SUPPL		- ,		22,834			23,262
4.3	TOTAL GAS SUPPL	Y COMMODITY	23,984		6,937			6,377
4.	TOTAL RATE 110		612,879		42,758			42,581
5.	REVENUE INC./(DE	C.)						(177)
							Pro	posed
			Contracts &	EB-200	7-0701	Rate	EB-20	07-0897
		Rate Block	Volumes	Rate	<u>Revenues</u>	<u>Change</u>	Rate	Revenues
		m³	10³ m³	cents*	\$000	cents*	cents*	\$000
	<u>RATE 115</u>							
6.6	Customer Charge	Contracts	600	\$624.81	375	\$0.00	\$624.81	375
6.2	Demand Charge		36,532	24.9900	9,129	0.0000	24.9900	9,129
6.3	Delivery Charge	first 1,000,000	281,558	0.2582	727	(0.0066)	0.2515	708
6.4		over 1,000,000	619,485	0.1582	980	(0.0066)	0.1515	939
6	Total Distribution Ch	arge	901,043		11,211			11,151
7.1	Load Balancing Dem		36,532	0.0000	0	0.0000	0.0000	0
7.7	Load Balancing Con		901,043	0.0379	341	0.0071	0.0450	405
7.3	Gas Supply Transpo		901,043	3.5561	32,042	0.0488	3.6049	32,481
7	Total Gas Supply Lo	ad Balancing			32,383			32,887
8.1	Gas Supply Commo		46,177	28.9250	13,357	(2.3377)	26.5873	12,277
8.2	Gas Supply Commo		0	28.9065	0	(2.3378)	26.5687	0
8.	Total Gas Supply Ch	narge	46,177		13,357			12,277

901,043

901,043

46,177

901,043

11,211

32,383

13,357

56,951

Col. 2

NOTE: \* Cents unless otherwise noted.

REVENUE INC./(DEC.)

TOTAL DISTRIBUTION

TOTAL RATE 115

TOTAL GAS SUPPLY LOAD BALANCIN

TOTAL GAS SUPPLY COMMODITY

9.1

9.2

9.3

10.

9.

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## DETAILED REVENUE CALCULATION EB-2007-0701 vs EB-2007-0897 Col. 1 Col. 2 Col. 3 Col. 4 Col. 4

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item			Contracts &	EB-200	7-0701	Rate		oposed 007-0897
No.		Rate Block	Volumes	Rate	Revenues	<u>Change</u>	Rate	Revenues
	RATE 125	m³	10³ m³	cents*	\$000	cents*	cents*	\$000
1.1 1.2 1.	Customer Charge Demand Charge Total Distribution Charg	ge .	12 37,186 37,186	\$ 500.00 9.0020	3,347 3,353	\$ - -	\$ 500.00 9.0020	6 3,347 3,353
Item			Contracts &	EB-200	7-0701	Rate		oposed 007-0897
No.		Rate Block	Volumes	Rate	Revenues	<u>Change</u>	Rate	Revenues
	DATE 125	m³	10³ m³	cents*	\$000	cents*	cents*	\$000
	<u>RATE 135</u>							
1.1	DEC to MAR Customer Charge	Contracts	140	\$113.40	16	\$0.00	\$113.40	16
1.2	Delivery Charge	first 14,000	570	6.6684	38	(0.0062)	6.6622	38
1.3		next 28,000	928	5.4684	51	(0.0062)	5.4622	51
1.4		over 42,000	2,368	5.0684	120	(0.0062)	5.0622	120
1.	Total Distribution Charg	ge	3,866		225			224
2.1	Gas Supply Load Balar	ncina	3,866	0.0000	0	0.0000	0.0000	0
2.2	Gas Supply Transporta		3,866	3.5561	137	0.0488	3.6049	139
2.3	Seasonal Credit				(457)			(457)
3.1	Gas Supply Commodity	/ - System	100	28.9881	29	(2.3377)	26.6504	27
3.2	Gas Supply Commodity	•	0	28.9696	0	(2.3378)	26.6318	0
3.	Total Gas Supply Char	ge	100		29	, ,		27
4.	SUB-TOTAL WINTER				-66			-66
	APR to NOV							
5.1	Customer Charge	Contracts	280	\$113.40	32	\$0.00	\$113.40	32
5.2	Delivery Charge	first 14,000	3,707	1.9684	73	(0.0062)	1.9622	73
5.3	, ,	next 28,000	7,158	1.2684	91	(0.0062)	1.2622	90
5.4		over 42,000	39,467	1.0684	422	(0.0062)	1.0622	419
5.	Total Distribution Charg	je	50,332		617			614
6.1	Gas Supply Load Balar	ncing	50,332	0.0000	0	0.0000	0.0000	0
6.2	Gas Supply Transporta	•	50,332	3.5561	1,790	0.0488	3.6049	1,814
7.1	Gas Supply Commodity	/ - Svstem	3,217	28.9881	933	(2.3377)	26.6504	857
7.2	Gas Supply Commodity		0	28.9696	0	(2.3378)	26.6318	0
7.	Total Gas Supply Char		3,217		933	, ,		857
8.	SUB-TOTAL SUMMER				3,340			3,286
9.1	TOTAL DISTRIBUTION	1	54,198		842			838
9.2	TOTAL GAS SUPPLY				1,470			1,497
9.3	TOTAL GAS SUPPLY		3,317		962			884
9.	TOTAL RATE 135		54,198		3,274			3,219
10.	REVENUE INC./(DEC.)	)						(54)

NOTE: \* Cents unless otherwise noted.

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## **DETAILED REVENUE CALCULATION**

#### EB-2007-0701 vs EB-2007-0897

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item			Contracts &	EB-200	7-0701	Rate		posed 107-0897
No.		Rate Block	Volumes	Rate	Revenues	Change	Rate	Revenues
	-	m³	10 <sup>3</sup> m <sup>3</sup>	cents*	\$000	cents*	cents*	\$000
	RATE 145				****			• • • • • • • • • • • • • • • • • • • •
1.1	Customer Charge	Contracts	2,088	\$118.06	247	\$0.00	\$118.06	247
1.2	Demand Charge		22,540	8.0000	1,803	-	8.0000	1,803
1.2	Delivery Charge	first 14,000	27,600	2.7977	772	(0.0093)	2.7884	770
1.3		next 28,000	46,858	1.4387	674	(0.0093)	1.4294	670
1.4		over 42,000	143,693	0.8797	1,264	(0.0093)	0.8704	1,251
1.	Total Distribution Cha	ırge	218,150		4,760			4,740
2.1	Gas Supply Load Bal	ancing	218,150	0.3930	857	0.0572	0.4502	982
2.2	Gas Supply Transpor		218,150	3.5561	7,758	0.0488	3.6049	7,864
2.3	Curtailment Credit		-,		(797)			(797)
		_			,			, ,
3.1	Gas Supply Commod		30,767	29.0222	8,929	(2.3377)	26.6845	8,210
3.2	Gas Supply Commod		0	29.0037	0	(2.3378)	26.6659	0
3.	Total Gas Supply Cha	arge	30,767		8,929			8,210
4.1	TOTAL DISTRIBUTION	ON	218,150		4,760			4,740
4.2	TOTAL GAS SUPPLY	Y LOAD BALANCIN	l 218,150		7,818			8,049
4.3	TOTAL GAS SUPPLY	COMMODITY /	30,767		8,929			8,210
4.	TOTAL RATE 145		218,150		21,507			20,999
5.	REVENUE INC./(DEC	C.)						(508)
							Pro	posed
			Contracts &	EB-200	7-0701	Rate	EB-20	07-0897
		Rate Block	Volumes	Rate	Revenues	<u>Change</u>	Rate	Revenues
		m³	$10^{3}  \text{m}^{3}$	cents*	\$000	cents*	cents*	\$000
	RATE 170							
6.6	Customer Charge	Contracts	540	\$271.40	147	\$0.00	\$271.40	147
6.2	Demand Charge		55,779	4.0700	2,270	0.0000	4.0700	2,270
6.3	Delivery Charge	first 1,000,000	419,240	0.4920	2,063	(0.0080)	0.4840	2,029
6.4	, 5.1.5.95	over 1,000,000	310,076	0.2920	905	(0.0080)	0.2840	881
6	Total Distribution Cha		729,316	0.2020	5,385	(0.000)	0.20.0	5,326
-		- <b>5</b> -	0,0.0		3,000			0,020

729,316

729,316

62,091

62,091

729,316

729,316

62,091

729,316

0.1920

3.5561

28.9250

28.9065

1,400

25,935

(8,792)

17,960

17,960

5,385

18,544

17,960

41,888

0.0316

0.0488

(2.3377)

(2.3378)

0.2236

3.6049

26.5873

26.5687

1,631

26,291

(8,792)

16,508

16,508

5,326

19,130

16,508

40,965

(924)

NOTE: \* Cents unless otherwise noted.

Gas Supply Load Balancing

Gas Supply Transportation

Total Gas Supply Charge

TOTAL DISTRIBUTION

REVENUE INC./(DEC.)

TOTAL RATE 170

Gas Supply Commodity - System

Gas Supply Commodity - Buy/Sell

TOTAL GAS SUPPLY LOAD BALANCIN

TOTAL GAS SUPPLY COMMODITY

**Curtailment Credit** 

7.1

7.7

7.3

8.1

8.2 8.

9.1

9.2

9.3

9.

10.

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DETA	AILED REVENUE CALCULATION		EB-2007-070	01 vs EB-200	07-0897		
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item		Contracts &	EB-200	7-0701	Rate		posed 007-0897
No.	Rate Block m <sup>3</sup>	Volumes 10 <sup>3</sup> m <sup>3</sup>	Rate	Revenues	Change	Rate	Revenues
	RATE 200	102 1112	cents*	\$000	cents*	cents*	\$000
1.1	Customer Charge Contracts	12	\$0.00	0	\$0.00	\$0.00	0
1.2	Demand Charge	11,032	14.2200	1,569	0.0000	14.2200	1,569
1.3 1.	Delivery Charge Total Distribution Charge	149,994 149,994	0.9659	1,449 3,018	(0.0103)	0.9557	1,433 3,002
١.	Total Distribution Charge	149,994		3,016			3,002
2.1	Gas Supply Load Balancing	149,994	0.6106	916	0.0639	0.6745	1,012
2.2	Gas Supply Transportation	149,994	3.5561	5,334	0.0488	3.6049	5,407
2.3	Curtailment Credit			(97)			(97)
3.1	Gas Supply Commodity - System	116,517	28.9250	33,703	(2.3377)	26.5873	30,979
3.2	Gas Supply Commodity - Buy/Sell	0	28.9065	0	(2.3377)	26.5687	0
3.	Total Gas Supply Charge	116,517		33,703	(=:===)		30,979
4.1	TOTAL DISTRIBUTION	149,994		3,018			3,002
4.2	TOTAL DISTRIBUTION TOTAL GAS SUPPLY LOAD BALAN	,		6,153			6,322
4.3	TOTAL GAS SUPPLY COMMODITY			33,703			30,979
4.	TOTAL RATE 200	149,994		42,873			40,303
5.	REVENUE INC./(DEC.)						(2,570)
						Pro	posed
		Contracts &	EB-200	7-0701	Rate		07-0897
	Rate Block	Volumes	Rate	Revenues	Change	Rate	Revenues
	m³	$10^{3}  \text{m}^{3}$	cents*	\$000	cents*	cents*	\$000
	RATE 300 Firm						
	Customer Charge	108	\$500.00	54	0.0000	\$500.00	54
	Demand Charge	2,140	24.6921	528	0.0000	24.6921	528
	Interruptible						
	Minimum Delivery Charge	31,931	0.3551	113	0.0000	0.3551	113
	Maximum Delivery Charge	0	0.9742	0	0.0000	0.9742	0
8.	TOTAL RATE 300 CDS	0		696			696

NOTE: \* Cents unless otherwise noted.

REVENUE INC./(DEC.)

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## **ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

#### (A) EB-2007-0897 @ 37.69 MJ/m3 vs (B) EB-2007-0701 @ 37.69 MJ/m3

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Не	ating & Wate	er Htg.		Heating,	Water Htg. 8	Other Uses	<b>5</b>
			(A)	(B)	CHANG	E	(A)	(B)	CHANGE	<u> </u>
					(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.	\$	143.40	143.40	0.00	0.0%	143.40	143.40	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	282.01	282.44	(0.43)	-0.2%	425.17	425.76	(0.59)	-0.1%
1.4	LOAD BALANCING	§ \$	136.71	132.93	3.78	2.8%	209.30	203.51	5.79	2.8%
1.5	SALES COMMDTY	\$	819.91	891.56	(71.65)	-8.0%	1,255.31	1,364.99	(109.68)	-8.0%
1.6	TOTAL SALES	\$	1,382.03	1,450.33	(68.30)	-4.7%	2,033.18	2,137.66	(104.48)	-4.9%
1.7	TOTAL T-SERVICE	\$	562.12	558.77	3.35	0.6%	777.87	772.67	5.20	0.7%
1.8	SALES UNIT RATE	\$/m³	0.4511	0.4733	(0.0223)	-4.7%	0.4334	0.4557	(0.0223)	-4.9%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1835	0.1824	0.0011	0.6%	0.1658	0.1647	0.0011	0.7%
1.10	SALES UNIT RATE	\$/GJ	11.967	12.559	(0.5914)	-4.7%	11.500	12.091	(0.5909)	-4.9%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.868	4.839	0.0290	0.6%	4.400	4.370	0.0294	0.7%

#### **Heating Only** Heating & Water Htg. (A) (B) CHANGE (A) (B) CHANGE (A) - (B) % (A) - (B) VOLUME m³ 0.0% 0.0% 2.1 1,955 1.955 0 2.005 2.005 0 2.2 CUSTOMER CHG. \$ 143.40 143.40 0.00 0.0% 143.40 143.40 0.00 0.0% DISTRIBUTION CHG. 2.3 \$ 180.87 181.16 (0.29)-0.2% 188.20 188.54 (0.34)-0.2% 2.4 LOAD BALANCING § \$ 87.23 84.81 2.42 2.9% 89.45 87.00 2.45 2.8% 536.53 2.5 SALES COMMDTY \$ 523.15 568.85 (45.70)-8.0% 583.41 (46.88)-8.0% \$ 2.6 TOTAL SALES 934.65 978.22 (43.57)-4.5% 957.58 1,002.35 (44.77)-4.5% 2.7 TOTAL T-SERVICE \$ 411.50 409.37 2.13 0.5% 421.05 418.94 2.11 0.5% 2.8 SALES UNIT RATE \$/m<sup>3</sup> 0.4781 0.5004 (0.0223)-4.5% 0.4776 0.4999 (0.0223)-4.5% 2.9 T-SERVICE UNIT RATE \$/m<sup>3</sup> 0.2105 0.2094 0.0011 0.5% 0.2100 0.2089 0.0011 0.5% SALES UNIT RATE \$/GJ 12.685 12.672 13.264 (0.5924)-4.5% 2.10 13.276 (0.5913)-4.5% T-SERVICE UNIT RATE \$/GJ 5.585 5.556 0.0289 0.5% 5.572 5.544 0.0279 0.5%

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

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## **ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

## (A) EB-2007-0897 @ 37.69 MJ/m³ vs (B) EB-2007-0701 @ 37.69 MJ/m³

Item         No.         Col. 1         Col. 2         Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
NO. Col. 1 Col. 2 Col. 3	COI. 4	Coi. 3	Coi. 0	Coi. 7	COI. 6
Heating, Pool Htg. & Other Uses	3	Ger	neral & Wate	er Htg.	
(A) (B) CHANG	E	(A)	(B)	CHANGE	<b>=</b>
(A) - (B)	%			(A) - (B)	%
3.1 VOLUME m³ 5,048 5,048 0	0.0%	1,081	1,081	0	0.0%
A LIGHT ONE DOLLO					
3.2 CUSTOMER CHG. \$ 143.40 0.00	0.0%	143.40	143.40	0.00	0.0%
3.3 DISTRIBUTION CHG. \$ 457.25 457.91 (0.66)	-0.1%	106.20	106.44	(0.24)	-0.2%
3.4 LOAD BALANCING § \$ 225.21 219.00 6.21	2.8%	48.23	46.89	1.34	2.9%
3.5 SALES COMMDTY \$ 1,350.86 1,468.85 (117.99)	-8.0%	289.27	314.55	(25.28)	-8.0%
3.6 TOTAL SALES \$ 2,176.72 2,289.16 (112.44)	-4.9%	587.10	611.28	(24.18)	-4.0%
3.7 TOTAL T-SERVICE \$ 825.86 820.31 5.55	0.7%	297.83	296.73	1.10	0.4%
3.8 SALES UNIT RATE \$/m³ 0.4312 0.4535 (0.0223)	-4.9%	0.5431	0.5655	(0.0224)	-4.0%
3.9 T-SERVICE UNIT RATE \$/m³ 0.1636 0.1625 0.0011	0.7%	0.2755	0.2745	0.0010	0.4%
3.10 SALES UNIT RATE \$/GJ 11.441 12.032 (0.5910)	-4.9%	14.410	15.003	(0.5935)	-4.0%
3.11 T-SERVICE UNIT RATE \$/GJ 4.341 4.312 0.0292	0.7%	7.310	7.283	0.0270	0.4%

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

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

## (A) EB-2007-0897 @ 37.69 MJ/m³ vs (B) EB-2007-0701 @ 37.69 MJ/m³

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Commerc	cial Heating &	& Other Use	es	Com. Htg.	, Air Cond'ng	& Other Us	ses
			(A)	(B)	CHANG	E	(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.	\$	286.68	286.68	0.00	0.0%	286.68	286.68	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,605.77	1,610.12	(4.35)	-0.3%	2,060.31	2,065.89	(5.58)	-0.3%
1.4	LOAD BALANCING	§ \$	1,011.87	983.10	28.77	2.9%	1,310.52	1,273.26	37.26	2.9%
1.5	SALES COMMDTY	\$	6,086.62	6,615.09	(528.47)	-8.0%	7,883.06	8,567.47	(684.41)	-8.0%
1.6	TOTAL SALES	\$	8,990.94	9,494.99	(504.05)	-5.3%	11,540.57	12,193.30	(652.73)	-5.4%
1.7	TOTAL T-SERVICE	\$	2,904.32	2,879.90	24.42	0.8%	3,657.51	3,625.83	31.68	0.9%
1.8	SALES UNIT RATE	\$/m³	0.3977	0.4200	(0.0223)	-5.3%	0.3942	0.4165	(0.0223)	-5.4%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1285	0.1274	0.0011	0.8%	0.1249	0.1238	0.0011	0.9%
1.10	SALES UNIT RATE	\$/GJ	10.552	11.144	(0.5916)	-5.3%	10.458	11.050	(0.5915)	-5.4%
1.11	T-SERVICE UNIT RATE	\$/GJ	3.409	3.380	0.0287	0.8%	3.314	3.286	0.0287	0.9%

## **Medium Commercial Customer**

## **Large Commercial Customer**

			(A)	(B)	CHANG	E	(A)	(B)	CHANG	Ε
					(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.	\$	286.68	286.68	0.00	0.0%	286.68	286.68	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,647.54	8,670.83	(23.29)	-0.3%	15,833.25	15,875.92	(42.67)	-0.3%
2.4	LOAD BALANCING	§ \$	7,589.91	7,374.07	215.84	2.9%	15,179.76	14,748.09	431.67	2.9%
2.5	SALES COMMDTY	\$	45,654.49	49,618.37	(3,963.88)	-8.0%	91,308.75	99,236.47	(7,927.72)	-8.0%
2.6	TOTAL SALES	\$	62,178.62	65,949.95	(3,771.33)	-5.7%	122,608.44	130,147.16	(7,538.72)	-5.8%
2.7	TOTAL T-SERVICE	\$	16,524.13	16,331.58	192.55	1.2%	31,299.69	30,910.69	389.00	1.3%
2.8	SALES UNIT RATE	\$/m³	0.3667	0.3889	(0.0222)	-5.7%	0.3615	0.3838	(0.0222)	-5.8%
2.9	T-SERVICE UNIT RATE	\$/m³	0.0975	0.0963	0.0011	1.2%	0.0923	0.0911	0.0011	1.3%
2.10	SALES UNIT RATE	\$/GJ	9.729	10.319	(0.5901)	-5.7%	9.593	10.182	(0.5898)	-5.8%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.586	2.555	0.0301	1.2%	2.449	2.418	0.0304	1.3%

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

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

## (A) EB-2007-0897 @ 37.69 MJ/m $^{3}$ vs (B) EB-2007-0701 @ 37.69 MJ/m $^{3}$

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Inc	dustrial Gene	eral Use		Industri	ial Heating &	& Other Uses	
			(A)	(B)	CHANG	<u>E</u>	(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.	\$	286.68	286.68	0.00	0.0%	286.68	286.68	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,846.86	2,854.51	(7.65)	-0.3%	3,818.20	3,828.49	(10.29)	-0.3%
3.4	LOAD BALANCING	§ \$	1,937.51	1,882.42	55.09	2.9%	2,860.39	2,779.07	81.32	2.9%
3.5	SALES COMMDTY	\$	11,654.40	12,666.29	(1,011.89)	-8.0%	17,205.76	18,699.61	(1,493.85)	-8.0%
3.6	TOTAL SALES	\$	16,725.45	17,689.90	(964.45)	-5.5%	24,171.03	25,593.85	(1,422.82)	-5.6%
3.7	TOTAL T-SERVICE	\$	5,071.05	5,023.61	47.44	0.9%	6,965.27	6,894.24	71.03	1.0%
3.8	SALES UNIT RATE	\$/m³	0.3864	0.4087	(0.0223)	-5.5%	0.3782	0.4005	(0.0223)	-5.6%
3.9	T-SERVICE UNIT RATE	\$/m³	0.1172	0.1161	0.0011	0.9%	0.1090	0.1079	0.0011	1.0%
3.10	SALES UNIT RATE	\$/GJ	10.252	10.843	(0.5912)	-5.5%	10.036	10.626	(0.5907)	-5.6%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.108	3.079	0.0291	0.9%	2.892	2.862	0.0295	1.0%

#### **Medium Industrial Customer**

## Large Industrial Customer

		(A)		(B)	CHANG	E	(A)	(B)	CHANG	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.	\$	286.68	286.68	0.00	0.0%	286.68	286.68	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,855.57	8,879.38	(23.81)	-0.3%	15,987.82	16,030.92	(43.10)	-0.3%
4.4	LOAD BALANCING	§ \$	7,589.90	7,374.08	215.82	2.9%	15,179.71	14,748.06	431.65	2.9%
4.5	SALES COMMDTY	\$	45,654.51	49,618.39	(3,963.88)	-8.0%	91,308.46	99,236.18	(7,927.72)	-8.0%
4.6	TOTAL SALES	\$	62,386.66	66,158.53	(3,771.87)	-5.7%	122,762.67	130,301.84	(7,539.17)	-5.8%
4.7	TOTAL T-SERVICE	\$	16,732.15	16,540.14	192.01	1.2%	31,454.21	31,065.66	388.55	1.3%
4.8	SALES UNIT RATE	\$/m³	0.3679	0.3902	(0.0222)	-5.7%	0.3620	0.3842	(0.0222)	-5.8%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0987	0.0975	0.0011	1.2%	0.0928	0.0916	0.0011	1.3%
4.10	SALES UNIT RATE	\$/GJ	9.762	10.352	(0.5902)	-5.7%	9.605	10.194	(0.5898)	-5.8%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.618	2.588	0.0300	1.2%	2.461	2.431	0.0304	1.3%

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

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

## (A) EB-2007-0897 @ 37.69 MJ/m $^{3}$ vs (B) EB-2007-0701 @ 37.69 MJ/m $^{3}$

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Rate 10	00 - Small Con	nmercial Firm		Rate 10	0 - Average Co	ommercial Firn	n
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
1.2	CUSTOMER CHG.	\$	1 204 10	1 204 10	0.00	0.0%	4 204 46	1 204 16	0.00	0.00/
		φ	1,394.16	1,394.16	0.00		1,394.16	1,394.16	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	16,383.55	16,468.13	(84.58)	-0.5%	25,872.83	26,022.14	(149.31)	-0.6%
1.4	LOAD BALANCING	\$	14,594.10	14,220.70	373.40	2.6%	25,754.33	25,095.40	658.92	2.6%
1.5	SALES COMMDTY	\$	90,370.89	98,300.07	(7,929.18)	-8.1%	159,478.26	173,470.99	(13,992.73)	-8.1%
1.6	TOTAL SALES	\$	122,742.70	130,383.06	(7,640.36)	-5.9%	212,499.58	225,982.69	(13,483.12)	-6.0%
1.7	TOTAL T-SERVICE	\$	32,371.81	32,082.99	288.82	0.9%	53,021.32	52,511.70	509.61	1.0%
1.8	SALES UNIT RATE	\$/m³	0.3619	0.3844	(0.0225)	-5.9%	0.3550	0.3775	(0.0225)	-6.0%
		•			, ,				, ,	
1.9	T-SERVICE UNIT RATE	\$/m³	0.0954	0.0946	0.0009	0.9%	0.0886	0.0877	0.0009	1.0%
1.10	SALES UNIT RATE	\$/GJ	9.601	10.199	(0.5977)	-5.9%	9.419	10.017	(0.5977)	-6.0%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.532	2.510	0.0226	0.9%	2.350	2.328	0.0226	1.0%

## Rate 100 - Small Industrial Firm

## Rate 100 - Average Industrial Firm

			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
2.2	CUSTOMER CHG.	\$	1,394.16	1,394.16	0.00	0.0%	1,394.16	1,394.16	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	16,656.32	16,740.94	(84.62)	-0.5%	26,114.28	26,263.57	(149.29)	-0.6%
2.4	LOAD BALANCING	\$	14,594.10	14,220.70	373.40	2.6%	25,754.28	25,095.37	658.91	2.6%
2.5	SALES COMMDTY	\$	90,370.87	98,300.07	(7,929.20)	-8.1%	159,478.01	173,470.69	(13,992.68)	-8.1%
2.6	TOTAL SALES	\$	123,015.45	130,655.87	(7,640.42)	-5.8%	212,740.73	226,223.79	(13,483.06)	-6.0%
2.7	TOTAL T-SERVICE	\$	32,644.58	32,355.80	288.78	0.9%	53,262.72	52,753.10	509.62	1.0%
2.8	SALES UNIT RATE	\$/m³	0.3627	0.3852	(0.0225)	-5.8%	0.3554	0.3779	(0.0225)	-6.0%
2.9	T-SERVICE UNIT RATE	\$/m³	0.0962	0.0954	0.0009	0.9%	0.0890	0.0881	0.0009	1.0%
2.10	SALES UNIT RATE	\$/GJ	9.623	10.220	(0.5977)	-5.8%	9.430	10.028	(0.5977)	-6.0%
2 11	T-SERVICE UNIT RATE	\$/G.I	2 554	2 531	0.0226	0.9%	2 361	2 338	0.0226	1.0%

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

## (A) EB-2007-0897 @ 37.69 MJ/m³ vs (B) EB-2007-0701 @ 37.69 MJ/m³

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Rate 145	- Small Com	mercial Inter	r.	Rate 145 -	Average Co	mmercial Int	err.
		_	(A)	(B)	CHANG	<u> </u>	(A)	(B)	CHANG	≣
					(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.	\$	1,416.72	1,416.77	(0.05)	0.0%	1,416.72	1,416.77	(0.05)	0.0%
3.3	DISTRIBUTION CHG.	\$	9,641.78	9,673.37	(31.59)	-0.3%	13,975.61	14,031.37	(55.76)	-0.4%
3.4	LOAD BALANCING	\$	11,894.39	11,534.89	359.50	3.1%	20,990.53	20,356.03	634.50	3.1%
3.5	SALES COMMDTY	\$	90,510.62	98,439.84	(7,929.22)	-8.1%	159,724.87	173,717.59	(13,992.72)	-8.1%
3.6	TOTAL SALES	\$	113,463.51	121,064.86	(7,601.36)	-6.3%	196,107.73	209,521.75	(13,414.03)	-6.4%
3.7	TOTAL T-SERVICE	\$	22,952.89	22,625.02	327.86	1.4%	36,382.86	35,804.16	578.69	1.6%
3.8	SALES UNIT RATE	\$/m³	0.3345	0.3569	(0.0224)	-6.3%	0.3276	0.3500	(0.0224)	-6.4%
3.9	T-SERVICE UNIT RATE	\$/m³	0.0677	0.0667	0.0010	1.4%	0.0608	0.0598	0.0010	1.6%
3.10	SALES UNIT RATE	\$/GJ	8.875	9.470	(0.5946)	-6.3%	8.693	9.287	(0.5946)	-6.4%
3.11	T-SERVICE UNIT RATE	\$/GJ	1.795	1.770	0.0256	1.4%	1.613	1.587	0.0257	1.6%

## Rate 145 - Small Industrial Interr.

Item

## Rate 145 - Average Industrial Interr.

			(A)	(B)	CHANG	<u> </u>	(A)	(B)	CHANGI	<u> </u>
					(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.	\$	1,416.72	1,416.77	(0.05)	0.0%	1,416.72	1,416.77	(0.05)	0.0%
4.3	DISTRIBUTION CHG.	\$	9,914.54	9,946.17	(31.63)	-0.3%	14,217.05	14,272.81	(55.76)	-0.4%
4.4	LOAD BALANCING	\$	11,894.37	11,534.91	359.46	3.1%	20,990.48	20,355.99	634.49	3.1%
4.5	SALES COMMDTY	\$	90,510.62	98,439.80	(7,929.18)	-8.1%	159,724.61	173,717.31	(13,992.70)	-8.1%
4.6	TOTAL SALES	\$	113,736.25	121,337.64	(7,601.40)	-6.3%	196,348.86	209,762.87	(13,414.02)	-6.4%
4.7	TOTAL T-SERVICE	\$	23,225.63	22,897.84	327.78	1.4%	36,624.25	36,045.56	578.68	1.6%
4.8	SALES UNIT RATE	\$/m³	0.3353	0.3577	(0.0224)	-6.3%	0.3280	0.3504	(0.0224)	-6.4%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0685	0.0675	0.0010	1.4%	0.0612	0.0602	0.0010	1.6%
4.10	SALES UNIT RATE	\$/GJ	8.897	9.491	(0.5946)	-6.3%	8.703	9.298	(0.5946)	-6.4%
4.11	T-SERVICE UNIT RATE	\$/GJ	1.817	1.791	0.0256	1.4%	1.623	1.598	0.0257	1.6%

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

## (A) EB-2007-0897 @ 37.69 MJ/m³ vs (B) EB-2007-0701 @ 37.69 MJ/m³ $\,$

No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
		Rate 110	) - Small Ind.	Firm - 50% L	.F	Rate 11	0 - Average In	d. Firm - 50% l	LF
		(A)	(B)	CHANG	E	(A)	(B)	CHANGE	<u> </u>
	·			(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.	\$	6,839.16	6,839.11	0.05	0.0%	6,839.16	6,839.11	0.05	0.0%
5.3 DISTRIBUTION CHG.	\$	11,934.67	11,977.44	(42.77)	-0.4%	195,148.63	195,861.52	(712.89)	-0.4%
5.4 LOAD BALANCING	\$	22,718.40	22,300.68	417.72	1.9%	378,639.35	371,677.66	6,961.69	1.9%
5.5 SALES COMMDTY	\$	159,143.06	173,135.81	(13,992.75)	-8.1%	2,652,381.21	2,885,593.00	(233,211.79)	-8.1%
5.6 TOTAL SALES	\$	200,635.29	214,253.04	(13,617.75)	-6.4%	3,233,008.35	3,459,971.29	(226,962.94)	-6.6%
5.7 TOTAL T-SERVICE	\$	41,492.23	41,117.23	375.00	0.9%	580,627.14	574,378.29	6,248.85	1.1%
5.8 SALES UNIT RATE	\$/m³	0.3352	0.3579	(0.0228)	-6.4%	0.3241	0.3468	(0.0228)	-6.6%
5.9 T-SERVICE UNIT RATE	\$/m³	0.0693	0.0687	0.0006	0.9%	0.0582	0.0576	0.0006	1.1%
5.10 SALES UNIT RATE	\$/GJ	8.893	9.497	(0.6036)	-6.4%	8.598	9.202	(0.6036)	-6.6%
5.11 T-SERVICE UNIT RATE	\$/GJ	1.839	1.823	0.0166	0.9%	1.544	1.528	0.0166	1.1%

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

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

			(5)		_	(4)	(5)		
	_	(A)	(B)	CHANG	<u> </u>	(A)	(B)	CHANGE	
				(A) - (B)	%			(A) - (B)	%
6.1 VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2 CUSTOMER CHG.	\$	6,839.16	6,839.11	0.05	0.0%	7,497.72	7,497.77	(0.05)	0.0%
6.3 DISTRIBUTION CHG.	\$	148,421.10	149,133.99	(712.89)	-0.5%	834,323.48	838,916.20	(4,592.72)	-0.5%
6.4 LOAD BALANCING	\$	378,639.31	371,677.66	6,961.65	1.9%	2,548,798.86	2,509,773.95	39,024.91	1.6%
6.5 SALES COMMDTY	\$	2,652,380.97	2,885,592.70	(233,211.73)	-8.1%	18,566,669.33	20,199,151.85	(1,632,482.52)	-8.1%
6.6 TOTAL SALES	\$	3,186,280.54	3,413,243.46	(226,962.92)	-6.6%	21,957,289.39	23,555,339.77	(1,598,050.38)	-6.8%
6.7 TOTAL T-SERVICE	\$	533,899.57	527,650.76	6,248.81	1.2%	3,390,620.06	3,356,187.92	34,432.14	1.0%
6.8 SALES UNIT RATE	\$/m³	0.3194	0.3421	(0.0228)	-6.6%	0.3144	0.3373	(0.0229)	-6.8%
6.9 T-SERVICE UNIT RATE	\$/m³	0.0535	0.0529	0.0006	1.2%	0.0486	0.0481	0.0005	1.0%
6.10 SALES UNIT RATE	\$/GJ	8.474	9.078	(0.6036)	-6.6%	8.342	8.950	(0.6072)	-6.8%
6 11 T-SERVICE UNIT RATE	\$/G.I	1 420	1 403	0.0166	1 2%	1 288	1 275	0.0131	1.0%

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## ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

## (A) EB-2007-0897 @ 37.69 MJ/m $^{3}$ vs (B) EB-2007-0701 @ 37.69 MJ/m $^{3}$

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
			Rat	e 135 - Seas	onal Firm		Rate 170	- Average Ind.	Interr 50% L	.F
		_	(A)	(B)	CHANG	E	(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
7.1	VOLUME	m³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,360.80	1,360.83	(0.03)	0.0%	3,256.80	3,256.81	(0.01)	0.0%
7.3	DISTRIBUTION CHG.	\$	7,782.4	7,819.62	(37.23)	-0.5%	73,210.6	74,011.53	(800.97)	-1.1%
7.4	LOAD BALANCING	\$	16,531.43	16,239.42	292.01	1.8%	261,671.37	253,652.22	8,019.15	3.2%
7.5	SALES COMMDTY	\$	159,520.49	173,513.19	(13,992.70)	-8.1%	2,652,381.21	2,885,593.00	(233,211.79)	-8.1%
7.6	TOTAL SALES	\$	185,195.11	198,933.05	(13,737.95)	-6.9%	2,990,519.94	3,216,513.56	(225,993.62)	-7.0%
7.7	TOTAL T-SERVICE	\$	25,674.62	25,419.86	254.75	1.0%	338,138.73	330,920.56	7,218.17	2.2%
7.8	SALES UNIT RATE	\$/m³	0.3094	0.3323	(0.0230)	-6.9%	0.2998	0.3224	(0.0227)	-7.0%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0429	0.0425	0.0004	1.0%	0.0339	0.0332	0.0007	2.2%
7.10	SALES UNIT RATE	\$/GJ	8.209	8.818	(0.6090)	-6.9%	7.954	8.555	(0.6010)	-7.0%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.138	1.127	0.0113	1.0%	0.899	0.880	0.0192	2.2%

## 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.	\$	3,256.80	3,256.81	(0.01)	0.0%	3,256.80	3,256.81	(0.01)	0.0%
8.3	DISTRIBUTION CHG.	\$	66,067.6	66,868.57	(800.93)	-1.2%	346,904.5	352,511.03	(5,606.55)	-1.6%
8.4	LOAD BALANCING	\$	261,671.36	253,652.21	8,019.15	3.2%	1,831,699.66	1,775,565.72	56,133.94	3.2%
8.5	SALES COMMDTY	\$	2,652,380.97	2,885,592.70	(233,211.73)	-8.1%	18,566,669.33	20,199,151.85	(1,632,482.52)	-8.1%
8.6	TOTAL SALES	\$	2,983,376.77	3,209,370.30	(225,993.52)	-7.0%	20,748,530.27	22,330,485.41	(1,581,955.14)	-7.1%
8.7	TOTAL T-SERVICE	\$	330,995.80	323,777.60	7,218.21	2.2%	2,181,860.94	2,131,333.56	50,527.38	2.4%
8.8	SALES UNIT RATE	\$/m³	0.2991	0.3217	(0.0227)	-7.0%	0.2971	0.3198	(0.0227)	-7.1%
8.9	T-SERVICE UNIT RATE	\$/m³	0.0332	0.0325	0.0007	2.2%	0.0312	0.0305	0.0007	2.4%
8.10	SALES UNIT RATE	\$/GJ	7.935	8.536	(0.6010)	-7.0%	7.883	8.484	(0.6010)	-7.1%
8.11	T-SERVICE UNIT RATE	\$/GJ	0.880	0.861	0.0192	2.2%	0.829	0.810	0.0192	2.4%

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# RATE HANDBOOK

Exhibit Q1-3 Tab 4 Schedule 7 Page 1 of 60

## **ENBRIDGE GAS DISTRIBUTION**

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

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**RATE SCHEDULES** 

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PART V:



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Page 1

#### 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. The maximum volume of gas equals hourly demand times 24.

**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.

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**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: A contract clause intended to excuse one or more parties from their obligations under a contract, in situations where performance is frustrated by unusual or severe circumstances beyond their control such as flood, fire, war, or prolonged labour strike.

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 (m³) 1 billion cubic feet (cf) = 28.32784 106m³

#### 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.

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**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 = 10³m³ = 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.

**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.

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

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

Service to residential locations is provided pursuant to Rate 1.

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

## 2. Ex-Franchise Services

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

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

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

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

Issued: 2008-01-01 Replaces: 2007-10-01 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.

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#### **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.

#### 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.

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 m³.

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% of all of the unpaid Enbridge Gas Distribution charges, including all applicable federal and provincial taxes, is applied to the account on the seventeenth (17th ) day following the date the bill is due.

## SECTION G - TERM OF ARRANGEMENT

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

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#### SECTION H - RESALE PROHIBITION

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

## **SECTION I - MEASUREMENT**

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

### SECTION J - RATES IN CONTRACTS

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

### SECTION K - ADVICE RE: CURTAILMENT

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

## SECTION L - DAILY DELIVERED VOLUMES

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

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

## SECTION M - AUTHORIZED OVERRUN GAS

If an Applicant requests permission to exceed the Authorized Volume for a day, and such authorization is granted, such gas shall constitute Authorized Overrun Gas. Such gas shall either be sold by the Company to the Applicant pursuant to the provisions of Rate 320 applicable on such day, or, at the Company's sole discretion, under the Rate Schedule the customer is purchasing prior to such request. If the Applicant is supplying their own gas requirements and if the Applicant request and at the Company's sole discretion, such Overrun Gas will be debited to the Applicant's Baked gas Account.

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 average 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

SECTION N - UNAUTHORIZED SUPPLY OVERRUN GAS

Issued: 2008-01-01 Replaces: 2007-10-01





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.

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.

#### **PART IV**

## TERMS AND CONDITIONS – DIRECT PURCHASE ARRANGEMENTS

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

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

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

## **SECTION A - NOMINATIONS**

Issued: 2008-01-01 Replaces: 2007-10-01 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.

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

For T-Service Applicants, the Company shall keep a record ("Banked Gas Account") of the volume of gas delivered by the

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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 ACCOUNT</u> 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 shall be made as follows:

The Applicant, by written notice to the Company within thirty (30) days of the end of the contract year, may elect to return to the Company, in kind, during the one hundred and eighty (180) days following the end of the contract year that portion of any debit balance in the Banked Gas Account as at the end of the contract year not exceeding a volume of twenty times the Applicant's Mean Daily Volume by the Applicant delivering to the Company on days agreed upon by the Company and the Applicant a volume of gas greater than the Mean Daily Volume, if any, applicable to such day under a Service Contract. Any volume of gas returned to the Company as aforesaid shall not be credited to the Banked Gas Account in the subsequent contract year. Any debit balance in the Banked Gas Account as at the end of the contract year which is not both elected to be returned, and actually returned, to the Company as aforesaid shall be deemed to have been sold to the Applicant and the Applicant shall pay for such gas within ten (10) days of the rendering of a bill therefor. The rate applicable to such gas shall be 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.

- (b)A credit balance in the Banked Gas Account as at the end of the contract year must be eliminated in one or more of the following manners, namely:
- (i) Subject to clause (ii), if the Applicant continues to take service from the Company under a contract pursuant to which the Applicant delivers gas to the Company and the Applicant so elects (by written notice to the Company within thirty (30) days of the end of the contract year), that portion of such balance which the Applicant stipulates in such written notice and which does not exceed twenty times the Applicant's Mean Daily Volume may be carried forward as a credit to the Banked Gas Account for the next succeeding contract year. Any volume duly elected to be carried forward under this clause shall, and may only, be reduced within the period of one hundred and eighty (180) days ("Adjustment Period") immediately following the contract year, by the Applicant delivering to the Company, on days in the Adjustment Period agreed upon by the

Company and the Applicant ("Adjustment Days"), a volume of gas less than the Mean Daily Volume applicable to such day under a Service Contract. Subject to the foregoing, the credit balance in the Banked Gas Account shall be deemed to be reduced on each Adjustment Day by the volume ("Daily Reduction Volume") by which the Mean Daily Volume applicable to such day exceeds the greater of the volume of gas delivered by the Applicant on such day and the Nominated Volume for such day which was accepted by the Company.

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

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

Issued: 2008-01-01 Replaces: 2007-10-01



RATE NUMBER: 1	RESIDENTIAL SERVICE
■ ■	REGIDENTIAL OLIVIOL

#### 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.

That of per case mone accame an energy content of crice mone.	Billing Month
	January
	to
	December
Monthly Customer Charge	\$11.95
Delivery Charge per cubic metre	
For the first 30 m³ per month	14.7859 ¢/m³
For the next 55 m³ per month	14.1208 ¢/m³
For the next 85 m³ per month	13.5998 ¢/m³
For all over 170 m³ per month	13.2118 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.7601 ¢/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.

#### **EFFECTIVE DATE:**

EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 1 of 1
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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/m³.

Traces per subjective assume all energy sometic of 57.00 Month.	Billing Month
	January
	to
	December
Monthly Customer Charge	\$23.89
Delivery Charge per cubic metre	
For the first 500 m³ per month	13.8625 ¢/m³
For the next 1050 m³ per month	11.6515 ¢/m³
For the next 4500 m³ per month	10.1037 ¢/m³
For the next 7000 m³ per month	9.1089 ¢/m³
For the next 15250 m³ per month	8.6667 ¢/m³
For all over 28300 m³ per month	8.5561 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.9248 ¢/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.

#### **EFFECTIVE DATE:**

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RATE NUMBER: 9	<b>CONTAINER SERVICE</b>
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#### APPLICABILITY:

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

#### RATE:

Rates per cubic metre assume an energy content of 37.69 MJ/m<sup>3</sup>.

Rates per cubic metre assume an energy content of 37.69 MJ/m <sup>3</sup> .	
	Billing Month
	January
	to
	December
Monthly Customer Charge	\$232.31
Delivery Charge per cubic metre	
For the first 20,000 m³ per month	14.1337 ¢/m³
For all over 20,000 m <sup>3</sup> per month	13.4601 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.5873 ¢/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.

#### 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"), of a specified annual volume of natural gas of not less than 340,000 cubic metres to be delivered at a specified maximum daily rate.

#### 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/m³.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$116.18
Delivery Charge	
Per cubic metre of Contract Demand	8.0000 ¢/m³
For the first 14,000 m³ per month	4.7760 ¢/m³
For the next 28,000 m³ per month	3.4170 ¢/m³
For all over 42,000 m³ per month	2.8580 ¢/m³
Gas Supply Load Balancing Charge	4.3027 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.6433 ¢/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 average 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):

9.0168 ¢/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.

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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 183 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/m³.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$569.93
Delivery Charge	
Per cubic metre of Contract Demand	22.8000 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m³ per month	0.4891 ¢/m³
For all over 1,000,000 m³ per month	0.3391 ¢/m³
Gas Supply Load Balancing Charge	3.7955 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.5873 ¢/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 average 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):

4.2227 ¢/m3

In determining the Annual Volume Deficiency, the minimum bill multiplier shall not be less than 183.

#### 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	\$624.81
Delivery Charge	
Per cubic metre of Contract Demand	24.9900 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m³ per month	0.2515 ¢/m³
For all over 1,000,000 m <sup>3</sup> per month	0.1515 ¢/m³
Gas Supply Load Balancing Charge	3.6499 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.5873 ¢/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 average 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):

3.8395 ¢/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 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 9.0020 ¢/m³

Contract Demand, as applicable, per month

Direct Purchase Administration Charge \$50.00

Forecast Unaccounted For Gas Percentage 0.3%

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). 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
- 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:

$$P_{n} = (P_{m} * E_{r} * 100 * 0.03769 / 1.055056) * 1.5$$

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

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

1.055056 = Conversion factor from mmBtu to GJ.

0.03769 = Conversion factor from GJ to cubic metres.

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

$$P_{ij} = (P_i * E_r * 100 * 0.03769 / 1.055056) * 0.5$$

P<sub>I</sub> = 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).

#### **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 (also referred to as Banked Gas Account):

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 = 0.8624 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance
- Tier 2 = 1.0349 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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The customers shall also pay any Load 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 title transfer gas from their Cumulative Imbalances Account (Banked Gas Account) into a Rate 316 storage account of the customer provided that the customer has space available in the storage account to accommodate the transfer.

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 cannot title transfer gas from their Cumulative Imbalances Account (Banked Gas Account) in whole or in part to storage the Company shall deem the excess imbalance to be Unauthorized Overrun or Underrun gas, as appropriate.

The Cumulative Imbalance Fee shall be equal to 1.0071 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.

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### APPLICABILITY:

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

#### **CHARACTER OF SERVICE:**

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

### RATE:

Rates per cubic metre assume an energy content of 37.69 MJ/m³.

	Billing Mon		
	December	April	
	to	to	
	March	November	
Monthly Customer Charge	\$113.40	\$113.40	
Delivery Charge			
For the first 14,000 m³ per month	6.6622 ¢/m³	1.9622 ¢/m³	
For the next 28,000 m³ per month	5.4622 ¢/m³	1.2622 ¢/m³	
For all over 42,000 m³ per month	5.0622 ¢/m³	1.0622 ¢/m³	
Gas Supply Load Balancing Charge	3.6049 ¢/m³	3.6049 ¢/m³	
System Sales Gas Supply Charge per cubic metre (If applicable)	26.6504 ¢/m³	26.6504 ¢/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 average 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 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.

### **SEASONAL CREDIT:**

Rate per cubic metre of Mean Daily Volume from December to March

\$ 0.77 /m<sup>3</sup>

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### **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 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 and the maximum Delivery Charge.

Seasonal Overrun Charges:

December and March 20.5342 ¢/m³

January and February 51.3355 ¢/m³

#### **MINIMUM BILL:**

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

7.0718 ¢/m<sup>3</sup>

# TERMS AND CONDITIONS OF SERVICE:

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

### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2008 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2008 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2007 and that indicates as the Board Order, EB-2007-0701.





RATE NUMBER: 145 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 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. 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 72 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.

	January
	to
	December
Monthly Customer Charge	\$118.06
Delivery Charge	
Per cubic metre of Firm Contract Demand	8.0000 ¢/m³
For the first 14,000 m³ per month	2.7884 ¢/m³
For the next 28,000 m³ per month	1.4294 ¢/m³
For all over 42,000 m <sup>3</sup> per month	0.8704 ¢/m³
Gas Supply Load Balancing Charge	4.0551 ¢/m³
System Sales Gas Supply Charge per cubic metre	26.6845 ¢/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:**

(If applicable)

Rate for 16 hours of notice per cubic metre of Mean Daily Volume from December to March \$ 0.50 /m<sup>3</sup> Rate for 72 hours of notice per cubic metre of Mean Daily Volume from December to March \$ 0.11 /m<sup>3</sup>

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**Billing Month** 

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. For any location presently served or any new Applicant for service pursuant to this Rate Schedule in these areas, the Company shall purchase the rights to take service hereunder at 1.25 ¢/m³ per unit of Daily Capacity Repurchase Quantity.

### **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 average 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.

The third instance of such failure 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.

#### MINIMUM BILL:

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

6.7815 ¢/m<sup>3</sup>

# TERMS AND CONDITIONS OF SERVICE:

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

# **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2008 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2008 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2007 and that indicates as the Board Order, EB-2007-0701.

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### APPLICABILITY:

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of a specified maximum daily volume of natural gas of not less than 30,000 cubic metres and a minimum annual volume of 5,000,000 cubic metres to a single terminal location ("Terminal Location") which can accommodate the total interruption of gas service when required by the Company. The Company, 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/m³.

	Billing Month
	January
	to
	December
Monthly Customer Charge	\$271.40
Delivery Charge	
Per cubic metre of Contract Demand	4.0700 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m³ per month	0.4840 ¢/m³
For all over 1,000,000 m³ per month	0.2840 ¢/m³
Gas Supply Load Balancing Charge	3.8285 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	26.5873 ¢/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. For any location presently served or any new Applicant for service pursuant to this Rate Schedule in these areas, the Company shall purchase the rights to take service hereunder at 1.25 ¢/m³ per unit of Daily Capacity Repurchase Quantity.

### **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 average 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.

The third instance of such failure 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.

#### MINIMUM BILL:

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

4.2506 ¢/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 January 1, 2008 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2008 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2007 and that indicates as the Board Order, EB-2007-0701.

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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/m³.

	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	14.2200 ¢/m³
Per cubic metre of gas delivered	0.9557 ¢/m³
Gas Supply Load Balancing Charge	4.2794 ¢/m³
System Sales Gas Supply Charge per cubic metre	26.5873 ¢/m³
(If applicable)  Buy/Sell Sales Gas Supply Charge per cubic metre (If applicable)	26.5687 ¢/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. For any location presently served or any new Applicant for service pursuant to this Rate Schedule in these areas, the Company shall purchase the rights to take service hereunder at 1.25 ¢/m³ per unit of Daily Capacity Repurchase Quantity.

### **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 average 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.

The third instance of such failure 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.

# MINIMUM BILL:

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

5.1732 ¢/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 January 1, 2008 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective January 1, 2008 and replaces the numbered rate schedule that specifies implementation Date, October 1, 2007 and that indicates as the Board Order, EB-2007-0701.

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# 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 24.6921 ¢/m³

Interruptible Service:

 $\begin{array}{ll} \mbox{Minimum Delivery Charge} & 0.3551 \ \mbox{$\phi/m^3$} \\ \mbox{Maximum Delivery Charge} & 0.9742 \ \mbox{$\phi/m^3$} \\ \end{array}$ 

Direct Purchase Administration Charge \$50.00

Forecast Unaccounted For Gas Percentage 0.3%

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

### TERMS AND CONDITIONS OF SERVICE:

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

### 2. Unaccounted for Gas (UFG) Adjustment Factor.

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

#### 3. Nominations:

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

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

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

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Customer may nominate gas to a contractually specified Primary Delivery Area that may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA). 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\*\*.

\* 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. \$/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<sub>II</sub> 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).

#### 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 (also referred to as Banked Gas Account):

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 0.8624 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.0349 cents/m3

The customers shall also pay any Load 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 Overrun or Underrun gas, as appropriate.

The Cumulative Imbalance Fee shall be equal to of 0.465 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.

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RATE NUMBER: 315 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 the storage space algorithm [(customer's average winter demand – customer's average annual demand) x 151]. Gas fired power generation customers have the option to have storage space determined based on the methodology approved in EB-2005-0551.

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 0.0369 ¢/m³

Monthly Storage Deliverability/Injection Demand Charge 12.4131 ¢/m³

Injection & Withdrawal Unit Charge: 0.4734 ¢/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:**

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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, which may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA).

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 th of the daily Storage Demand.

Storage space shall be based on the storage space algorithm [(customer's average winter demand – customer's average annual demand) x 151]. Gas fired power generation customers have the option to have storage space determined based on the methodology approved in EB-2005-0551.

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 0.0369 ¢/m³

Monthly Storage Deliverability/Injection Demand Charge 3.4994 ¢/m³

Injection & Withdrawal Unit Charge: 0.1376 ¢/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 TransCanad 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, which may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA).

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:

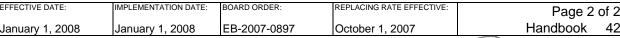
If the customer elects to use the contracted storage capacity at less than the full volumetric capacity of the storage, the Company may inject its own gas provided that such injection does not reduce the right of the customer to withdraw the full amount of gas injected on any day during the withdrawal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





#### 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

30.6997 ¢/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 January 1, 2008 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2008 and replaces the identically numbered rate schedule that specifies implementation date, October 1, 2007 and that indicates as the Board Order. EB-2007-0701.

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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 & Compression \$/10³m³	Pool Storage \$/10³m³
Demand Charge for: Annual Turnover Volume	0.1765	0.2115
Maximum Daily Withdrawal Volume	15.9550	19.1853
Commodity Charge	1.2400	0.4710

### **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	2.3295	0.5245
Unauthorized	-	210.6062
Pool Storage		
Authorized	2.7920	0.6307
Unauthorized	-	253.2461

(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.

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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.

	Full Cycle		Short Cycle	
	Firm	Interruptible		
	\$/10 <sup>3</sup> m <sup>3</sup>	\$/10³m³	\$/10 <sup>3</sup> m <sup>3</sup>	
Monthly Demand Charge per unit of				
Annual Turnover Volume:				
Minimum	0.3880	0.3880	-	
Maximum	1.9400	1.9400	-	
Monthly Demand Charge per unit of Contracted Daily Withdrawal:				
Minimum	35.1403	28.1123	_	
Maximum	175.7016	140.5613	_	
Maximum	173.7010	140.5015	-	
Commodity Charge per unit of gas				
delivered to / received from storage:				
Minimum	1.7110	1.7110	0.7835	
Maximum	8.5550	8.5550	39.0738	

### **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 \$/10³m³	\$/10³m³	
Authorized Overrun	· · · · · · · · · · · · · · · · · · ·	·		
Annual Turnover Volume				
Negotiable, not to exceed:	39.0738	39.0738	39.0738	
Authorized Overrun				
Daily Injection/Withdrawal				
Negotiable, not to exceed:	39.0738	39.0738	39.0738	
Unauthorized Overrun				
Annual Turnover Volume				
Excess Storage Balance				
September 1 - November 30	390.7378	390.7378	390.7378	
December 1 - October 31	39.0738	39.0738	39.0738	

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.
- 3. The Customers daily injections or withdrawals will be adjusted to provide for the fuel ratio stated in the Fuel Ratio Section. In the event that a Short Cycle service does not require fuel for injection and/or withdrawal, the fuel ratio commodity charge may be waived.

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# **TECUMSEH TRANSMISSION SERVICE**

### APPLICABILITY:

To any Applicant who enters into a Contract with the Company for transportation on the Company's Tecumseh Transmission System.

### **CHARACTER OF SERVICE:**

Service under this rate is for firm transportation service as may be available from time to time.

### RATE:

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

	Firm \$/10³m³	Interruptible \$/10³m³
Monthly Demand Charge per unit of Maximum Contracted Daily Delivery:	4.9480	-
Commodity Charge per unit of gas delivered:	-	0.1950

### **MINIMUM BILL:**

The minimum monthly bill shall be the sum of the applicable Demand Charges.

### TERMS AND CONDITIONS OF SERVICE:

- 1. Delivery of the volume of natural gas by the Applicant shall be at the interconnection of the Company's Tecumseh transmission facilities with that of Niagara Gas Transmission Limited at the Tecumseh Compressor Station.
- 2. Re-delivery of the volume of natural gas shall be at the interconnection of the Company's facilities with those of interconnecting pipelines in Dawn Township.

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APPENDIX:	AREAS OF CAPACITY CONSTRAIN
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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
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### APPLICABILITY:

This rider is applicable to any Applicant who enters into Gas Transportation Agreement with the Company under any rate other than Rates 125 and 300.

### MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:

Base Charge \$50.00 per month
Maximum Charge \$815.00 per month

**Account Charge** 

New Accounts\$0.50 per month per accountRenewal Accounts\$0.15 per month per account

The above Basic Charge shall be increased up to the maximum charge, by the new account charge for each new account and by the Renewal Account charge for each renewal account in a Direct Purchase Contract.

### T-SERVICE CREDIT:

In T-Service Arrangements excluding Ontario ABC-T arrangements, between the Company and an Applicant, and with a T-Service Arrangement and a contractually specified Point of Acceptance as indicated below, the Company shall pay or charge the Applicant the Transportation Service Credit or Debit shown for any volumes of natural gas owned by the Applicant and received by the Company at the Point of Acceptance. The ability of the Company to accept deliveries under FT-type arrangements at Dawn is constrained and the availability of this service is at the Company's sole discretion.

TOLLS CREDIT	Type of Arrangement				
Point of Acceptance	Firm Transportation	Firm Service			
	(FT)	Tendered (FST)			
Western Canada	0.0000 ¢/m³	0.0000 ¢/m³			
CDA, EDA	3.6049 ¢/m³	0.0000 ¢/m³			
Dawn	3.3860 ¢/m³	0.0000 ¢/m³			
Intra-Alberta	-0.5180 ¢/m³	N/A			

Effective February 1, 2001, in Ontario ABC-T arrangements with a contractually specified Point of Acceptance in the CDA and/or EDA, the toll credit shall equal the Eastern Zone Firm Transportation tolls approved by the National Energy Board for TCPL at a 100% load factor.

## TCPL FT CAPACITY TURNBACK:

### APPLICABILITY:

To Ontario 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 from customers to the extent that the Company is allowed to turnback FT capacity to TCPL.

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RIDER:

- The Company will accommodate all TCPL FT capacity turnback requests in a manner that minimizes stranded and other transitional costs. The Company is committed to maintaining the integrity of its distribution system and the sanctity of all contracts.
- 3. The Company may amend any contracts to accommodate a customer's request to turnback capacity.
- 4. Notice of TCPL FT turnback capacity will be accepted on Enbridge's Election for Enbridge Firm Transportation Assignment form or other authorized written notice.
- 5. The daily contractual right to receive natural gas would still be subject to the delivery, on a firm basis, of the full Mean Daily Volume into the Company's Central Delivery Area (CDA) and/or Eastern Delivery Area (EDA). The delivery area must match the area in which consumption will occur.
- 6. The proportion of TCPL FT capacity that an eligible customer may request to be turned back each year ("percentage turnback") shall not exceed the proportion of the TCPL capacity that Enbridge is entitled to turn back that year. This percentage turnback will be applied to calculate the customer's turnback capacity limit based on the renewal volume of the direct purchase agreement.
- 7. If the Company is unable to accommodate all or a portion of an eligible customer's request to turnback TCPL FT capacity in the month requested by the customer, the Company will indicate the month(s) when such customer request can be fully satisfied and the costs, if any, associated with accommodating this request. The customer may then advise the Company as to whether or not they wish to proceed with the TCPL FT capacity turnback request.
- 8. All TCPL FT capacity turnback requests will be treated on an equitable basis.
- 9. Customers may withdraw their original election given they provide notice to the Company a minimum of one week prior to the deadline specified in the TransCanada tariff for FT contract extension.
- 10. The percentage turnback of TCPL FT capacity will be applied at the Direct Purchase Agreement level.
- 11. 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:**

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RIDER:	В	BUY / SELL SERVICE RIDER

### 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:

Base Charge \$50.00 per month Maximum Charge \$815.00 per month

**Account Charge** 

New Accounts \$0.50 per month per account Renewal Accounts \$0.15 per month per account

The above Basic Charge shall be increased up to the maximum charge, by the new account charge for each new account and by the Renewal Account charge for each renewal account in a Direct Purchase Contract.

### **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.

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RIDER:	GAS COST ADJUSTMENT RIDER
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The following adjustment is applicable to all gas sold or delivered during the period January 1, 2008 to December 31, 2008.

Rate Class	Sales Service ( ¢/m³)	Transportation Service (¢/m³)
Rate 1	(2.2612)	0.0000
Rate 6	(2.0918)	0.0000
Rate 9	(4.6158)	0.0000
Rate 100	(2.7906)	0.0000
Rate 110	(4.1042)	0.0000
Rate 115	(4.4049)	0.0000
Rate 135	(4.6407)	0.0000
Rate 145	(2.7039)	0.0000
Rate 170	(3.8424)	0.0000
Rate 200	(2.3229)	0.0000

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REVENUE ADJUSTMENT RIDER

Rate Class Sales Service Transportation Service

Rate 1

Rate 6

Rate 9

Rate 100

Rate 110

Rate 115

Rate 135

Rate 145

Rate 170

Rate 200

Rate 300

 $(\phi/m^3)$   $(\phi/m^3)$ 

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C PRESSURE FACTORS
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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 27	0.9966 0.9975
28	0.9975
26 29	0.9983
30	0.9983
31	0.9992
32	1.0000
33	1.0017
34	1.0017
35	1.0023
36	1.0054
37	1.0059
38	1.0170

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RIDER:

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# **SERVICE CHARGES**

Rate (excluding GST)

**New Account Or Activation** 

New Account Charge \$25.00

Turning on of gas, activating appliances, obtaining billing data and establishing an opening meter reading for new customers in premises where gas has been previously supplied

Appliance Activation Charge - Commercial Customers Only

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.

Total Amount depends on time required

Meter Unlock Charge - Seasonal or Pool Heater \$65.00

Seasonal for all other revenue classes, or

Pool Heater for residential only

**Statement of Account** 

Lawyer Letter Handling Charge \$15.00

Provide the customer's lawyer with gas bill information.

Statement of Account Charge (for one year history) \$10.00

Cheques Returned Non-Negotiable Charge \$20.00

Gas Termination

Red Lock Charge \$65.00

Locking meter or shutting off service by closing the street shut-off valve (when work can be performed by Field Collector)

Removal of Meter

Removing meter by Construction & Maintenance crew

January 1, 2008

Cut Off At Main Charge \$1,200.00

Cutting service off at main by Construction &

Maintenance Crew

Valve Lock Charge

January 1, 2008

Shutting off service by closing the street

shut-off valve - work performed by Field Investigator \$125.00
- work performed by Construction & Maintenance \$260.00

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\$260.00

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### Safety Inspection

Inspection Not Ready Charge (safety inspection) When a builder requests an unlock and the appliance(s) are not ready for inspection, this charge will apply to cover the cost of returning to the same property for the additional inspection.

Inspection Reject Charge (safety inspection)
Energy Board Inspection rejects are billed to the meter installer or homeowner.

### 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 \$97.50

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)

Labour Hourly Charge-Out Rate \$130.00

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 \$1,200.00

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)) \$260.00

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 \$260.00

As requested by customers.

Damage Meter Charge \$360.00

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\$65.00

\$65.00

BALANCING SERVICE RIDER	Н	RIDER:

### APPLICABILITY:

This rider is applicable to any Applicant who enters into Gas Transportation Agreement with the Company under any rate.

### **ENHANCED TITLE TRANSFER SERVICE:**

In any Gas Transportation Agreement between the Company and the Applicant, the Applicant may elect to initiate a transfer of natural gas between the Company and another utility, regulated by the Ontario Energy Board, at Dawn for the purposes of reducing an imbalance between the customer's deliveries and consumption within the Enbridge Gas Distribution franchise areas. The ability of the Company to accept such an election may be constrained at various points in time for customers obtaining services under any rate other than Rate 125 or 300 due to operational considerations of the Company.

The cost for this service is separated between an Administration Charge that is applicable to all Applicants and a Bundled Service Charge that is only applicable to Applicants obtaining services under any rate other than Rate 125 or 300.

**Administration Charge:** 

Base Charge \$50.00 per transaction Commodity Charge \$0.8555 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.

# 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 January 2008 - Qram Q1

£											
Total Unit Rate Col. 3	(¢/m³)	(2.2612)	(2.0918)	(4.6158)	(2.7906)	(4.1042)	(4.4049)	(4.6407)	(2.7039)	(3.8424)	(2.3229)
Inventory Adjustment Debit Unit Rate	(¢/m³)	2.3795	2.5489	0.0249	1.8501	0.5365	0.2358	0.0000	1.9368	0.7983	2.3178
PGVA Year-End Balance Unit Rate	(¢/m³)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)
Ę	-	System and Buy/sell									
Description		Kate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 135	Rate 145	Rate 170	Rate 200
No.	•	<u>.</u> : ,	2	က်	4	ć.	9	7.	<b>ω</b>	о́	10.

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

Filed: 2007-11-30 EB-2007-0897 Exhibit Q1-3 Tab 4 Schedule 8 Page 2 of 3

Derivation of Forecast Inventory Adjustment Unit Rates January 2008 - Qram Q1

(1) Col.4 = Col.2 \* \$113,142,644 (Inventory Adjustment) (2) Col.5 = Col.4 / Col.1 Notes:

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Derivation of Forecast PGVA Year End Balance Unit Rates January 2008 - Qram Q1

(3)											
Forecast PGVA Year-End Balance Unit Rate Col. 5	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	(4.6407)	
Allocated PGVA Year-End Balance (1) Col. 4 (\$)	(129,148,481)	(75,132,747)	(92,795)	(4,077,351)	(1,113,023)	(2,142,951)	(153,936)	(1,427,789)	(2,881,452)	(5,407,216)	(221,577,742)
Forecast PGVA Year-End Balance Col. 3 (\$)											(221,577,742)
Percentage Distribution of Volumes Col. 2 (%)	58.29%	33.91%	0.04%	1.84%	0.50%	0.97%	0.07%	0.64%	1.30%	2.44%	100.00%
Forecast Volumes Jan-Dec 2008 (12mths volume) Col. 1 (m3)	2,782,953,597	1,618,996,571	1,999,582	87,860,713	23,983,951	46,177,335	3,317,096	30,766,693	62,090,916	116,517,300	4,774,663,754
lon	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.	ω̈	တ်	10.	<del>.</del>

Notes: (1) Col.4 = Col.2 \* (\$ 221,577,742) (Forecasted Year End PGVA Balance) (2) Col.5 = Col.4 / Col.1