



# **Ontario Energy Board Commission de l'énergie de l'Ontario**

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## **DECISION AND RATE ORDER**

**EB-2017-0087**

**UNION GAS LIMITED**

Application for 2018 Rates for the Distribution, Transmission and Storage of Natural Gas Effective January 1, 2018

**BEFORE: Michael Janigan**  
Presiding Member

**Susan Frank**  
Member

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**January 18, 2018**

## 1 INTRODUCTION AND SUMMARY

Through this Decision and Order, the Ontario Energy Board (OEB) approves certain elements of the incentive rate-setting mechanism (IRM) application filed by Union Gas Limited (Union) on September 26, 2017, as amended during the course of the proceeding.

Union is a natural gas storage, distribution and transmission company regulated by the Ontario Energy Board (OEB). It serves approximately 1.5 million customers in more than 400 communities across northern, southwestern and eastern Ontario through an integrated network of over 67,000 kilometers of natural gas distribution pipelines.

In July 2013, Union Gas filed an application requesting approval of a multi-year Incentive Ratemaking Framework (the Framework) under File Number EB-2013-0202. The application included a comprehensive settlement agreement between Union Gas and stakeholders. On October 7, 2013, the OEB accepted the settlement agreement as filed. Union's current application for 2018 rates is based on the Framework agreed to in the settlement agreement and approved by the OEB.

Union filed an application dated September 26, 2017 with the Ontario Energy Board (OEB) pursuant to section 36 of the *Ontario Energy Board Act, 1998* (Act), for an order or orders approving rates for the distribution, transmission and storage of natural gas, effective January 1, 2018.

Union filed a partial settlement proposal on December 21, 2017, along with a draft Rate Order reaching a settlement with the parties on two issues in the proceeding. The settlement included a partial agreement on the Panhandle Reinforcement Project costs. The final allocation of Panhandle Reinforcement Project costs for 2018 proceeded to oral argument.

The OEB held an oral hearing in which it accepted the partial settlement proposal filed by Union and also heard oral arguments on the impact of using the existing cost allocation methodology with respect to Panhandle Project costs and the approaches that should be considered for correcting any perceived inequity. The Industrial Gas Users Association (IGUA) urged that 2018 rates be declared interim to correct what was termed an inequitable allocation of costs to large users (T2, C1 and M16 customers). This was opposed by the London Property Management Association (LPMA), Consumers Council of Canada (CCC), School Energy Coalition (SEC), Building Owners and Managers Association (BOMA), Vulnerable Energy Consumers Coalition (VECC)

and OEB Staff. The OEB will not declare 2018 rates interim for the reasons set out elsewhere in this decision.

The OEB accepts the proposal of Union with respect to the other issues that are not addressed in the settlement proposal and the rate implementation plan as outlined in the draft rate order. As a result of the OEB's findings in this Decision, the net bill impact for a typical Union South (Windsor to Hamilton) residential customer purchasing gas from Union and consuming 2,200 m<sup>3</sup> per year will be \$9.34 per year. The rate impact for a typical Union customer in the Union North West Zone consuming 2,200 m<sup>3</sup> per year will be \$10.84 and in the Union North East Zone, it will be \$14.15 per year.

## 2 THE PROCESS

Union filed an application dated September 26, 2017 with the Ontario Energy Board (OEB) pursuant to section 36 of the *Ontario Energy Board Act, 1998* (Act), for an order or orders approving rates for the distribution, transmission and storage of natural gas, effective January 1, 2018. Union's application is consistent with the multi-year Incentive Ratemaking Framework (the Framework) approved in EB-2013-0202.

The application was supported by pre-filed written evidence. During the course of the proceeding, the applicant responded to interrogatories and, where required, updated and clarified the evidence. The OEB issued Procedural Order No. 1 on October 27, 2017, that approved a list of intervenors in the proceeding. The OEB also declared current approved rates of Union interim pending the issuance of OEB's final rate order in this proceeding.

IGUA filed evidence on November 27, 2017. The evidence provided an overview of the rate impact on IGUA members because of the current cost allocation methodology used to allocate Panhandle Reinforcement project costs. Consistent with the Panhandle Reinforcement Leave to Construct decision<sup>1</sup>, where the OEB determined that a change in cost allocation methodology should not be considered during the IRM term, the OEB in Procedural Order No 3 did not accept the filing of IGUA's proposed evidence.

By a letter dated December 6, 2017, IGUA requested a review under Part VII of the OEB's *Rules of Practice and Procedure* for a part of Procedural Order No. 3. Although IGUA accepted the OEB's determination that it would not be making changes to cost allocation methodology in this proceeding, it submitted that it should not be precluded from exploring other possible options for the OEB to consider in addressing what would, in its view, be a very significant and negative impact on IGUA members. The OEB in a Decision and Order dated December 11, 2017 dismissed IGUA's request for a review pursuant to Rule 43.01. The OEB noted that it did not believe that IGUA's evidence was necessary to put forth potential remedies that would not involve direct changes to cost allocation methodology in this proceeding.

A settlement conference between Union and intervenors was held on December 13, 2017. Union filed a settlement proposal on December 21, 2017, along with a draft Rate Order reaching a settlement with the parties on two issues in the proceeding (Updates to the Rate M12 Schedule C and partial settlement on Panhandle Reinforcement

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<sup>1</sup> EB-2016-0186

Project costs). The final allocation of Panhandle Reinforcement Project costs for 2018 proceeded to argument. ,

OEB staff filed a submission on the settlement proposal on January 4, 2018. The submission supported the settlement proposal filed by Union and expressed no specific concerns with all the other issues that were not addressed in the settlement proposal. OEB staff noted some discrepancies between the original filing and the draft rate order filed along with the settlement proposal. Union addressed these concerns to the satisfaction of OEB staff at the oral hearing.

The OEB held an oral hearing on January 8, 2018 to hear the settlement proposal and seek clarifications from the parties on the settlement. The OEB accepted the settlement proposal and dealt with the unsettled issue (final allocation of Panhandle Reinforcement project costs) through oral arguments on January 9, 2018. All parties made oral submissions with the exception of LPMA and the Canadian Manufacturers and Exporters (CME), which both filed written submissions in advance of the oral hearing.

### 3 OEB DECISIONS

#### Treatment of 2018 Panhandle Reinforcement Project Costs

##### Background

The allocation of the Panhandle Reinforcement Project costs for 2018 was an unsettled issue in the settlement agreement. By Procedural Order 3, the OEB had ruled that changes to the existing cost allocation methodology would not be considered in this hearing that concerns the last year of the IRM. Parties and the applicant made oral and written submissions as to the appropriate treatment of Panhandle Reinforcement Project costs in rates for 2018.

IGUA urged that the OEB consider mechanisms other than changes to the cost allocation methodology to address what it maintained was an inequitable result of the existing cost allocation methodology approved by the OEB in 2013. According to IGUA, this inequitable result is shown in Table 1 in Exhibit B IGUA 4 that shows the Design Day Demands by rate classes T2, C1 and M16 upon the Panhandle System compared to the OEB Approved cost allocation to those rate classes.

Table 1  
Comparison of the St. Clair and Panhandle System Design Day Demands

Line No.	Rate Class	Design Day Demands		OEB-Approved Cost Allocation As-Filed	Difference
		St. Clair System	Panhandle System		
		(%)	(%)	(%)	(%)
		(a)	(b)	(c)	(d) = (c-b)
1	Rate M1	7%	40%	21%	-19%
2	Rate M2	2%	14%	7%	-7%
3	Rate M4	0%	14%	7%	-7%
4	Rate M5	-	0%	0%	0%
5	Rate M7	-	4%	2%	-2%
6	Rate T1	9%	5%	6%	1%
7	Rate T2	82%	23%	42%	19%
8	Total In-franchise	100%	100%	85%	-15%
9	Rate C1	-	-	13%	13%
10	Rate M16	-	-	3%	3%
11	Total Ex-franchise	-	-	15%	15%
12	Total	100%	100%	100%	-

In EB-2016-0186 (“the Panhandle leave to construct decision”), Union proposed a change to the existing cost allocation methodology to allocate Panhandle Reinforcement Project costs with Panhandle System Day demands. The OEB rejected the Union proposal finding it inappropriate to consider a change to one project in isolation during the last 14 months of an IRM period.

IGUA noted that Union planned to prepare a new cost allocation model for Panhandle – Ojibway costs for the purpose of setting 2019 rates. IGUA proposed that until this new model was considered, the rates associated with the recovery of 2018 Panhandle costs in the final IRM year should be interim.

In support of this request for interim rates, IGUA submitted that this is a rate proceeding, and fairness in rate setting requires that a sound cost allocation exists. A fair apportionment of costs must be in accordance with the use of the system, avoiding subsidies and intra-customer burdens. As the current cost allocation methodology yields what IGUA described as a fundamentally inequitable result for the recovery of these costs, IGUA maintained that the 2018 rates should be made interim in respect of the 2018 Panhandle Reinforcement project costs. The final allocation of such costs would then be dependent upon a proper review of the methodology for allocating costs by the OEB in its setting of 2019 rates.

LPMA, in its written submission, maintained that IGUA’s requested relief would be inconsistent with the Panhandle leave to construct decision and good regulatory practice by using a “back-door approach” to alter the previously approved cost allocation methodology. As cost allocation is a zero sum exercise, it is first required that a comprehensive review of all projects undertaken and changes in allocations of costs on other Union transmission pipeline systems. A change based on usage shifts for one project, in LPMA’s submission, would be unfair.

VECC stated that the IGUA position was essentially a re-argument of the issue that was before the OEB in the Panhandle Project decision and the relief sought by IGUA was a reversal of the OEB’s decision in that proceeding not to alter 2018 results that are based on the application of existing cost allocation methodology. This requested relief is thus retrospective in nature. VECC warned that making rates interim and adjusting them retrospectively, as IGUA has suggested, may be contrary to accepted ratemaking principles that provide stability and predictability of rates as desirable outcomes.

SEC also viewed the IGUA request as an attempt to revisit the same issues dealt with in the Panhandle Project decision despite the fact that IGUA had taken no steps to have the OEB’s decision reviewed through the various mechanisms that might have been available. SEC submitted that the issue of the appropriate cost allocation methodology should be resolved by a full review. This review was envisioned by the OEB’s rejection

of the Union proposal for an interim change to that methodology in the 2016 Panhandle Project decision.

CCC supported the positions advanced by LPMA, VECC and SEC noting that in its view nothing had changed since the Panhandle Project leave to construct decision. CCC further submitted that there were significant changes to the Union system and fuel sources since the last cost allocation. Accordingly, other changes to the OEB's 2013 cost allocation methodology will likely have to be made, and to focus on one item for ultimate correction in 2018 rates would be unfair.

OEB Staff was opposed to the relief sought by IGUA. While regulatory practice is to try to avoid undue subsidies where practical, even in an annual cost of service environment cross subsidies can arise that are unavoidable. This is particularly the case in an IRM regime where rates are decoupled from costs. Those costs and their cost drivers may change within the IRM term without triggering a change in rates, other than a mechanistic update. OEB Staff submitted that while interim rates are permissible, the OEB does try to avoid retrospective rate adjustments where possible.

Energy Probe and CME took no position on the proper cost allocation of the Panhandle Reinforcement Project.

BOMA opposed IGUA's proposal. It noted that changes to the cost allocation methodology during the term of an IRM goes against the integrity of the IRM regime. Further, the adoption of interim rates will provide a retrospective adjustments that BOMA's constituents and their customers will have difficulty accommodating in the course of their business relationships. BOMA also argued that any change to the cost allocation methodology must look at all the changes to the system and not just the incremental costs of this project.

Union submitted that for large volume T2, C1, and M16 customers the existing cost allocation methodology does not reflect their usage of the system, and they are being burdened with costs associated with a project whose need they did not drive. Union indicated that it intended to bring forward a proposal to address the allocation of Panhandle project costs in its 2019 rates application but did not propose to do a full cost allocation study, examining the allocation of costs to rate classes across the entire Union system. Union characterized the IGUA proposal as an indirect attack upon the EB-2016-0186 decision, and the OEB has been clear that the cost allocation issue should be put off until 2019. Union also opposed the use of the Panhandle Deferral Account to deal with allocation issues.

IGUA, in its reply, reiterated that this is a 2018 rates case and the terms of the settlement agreement contemplated that the parties could present argument on this issue. IGUA now seeks relief notwithstanding that the term of the IRM has a year to run.



IGUA argued that the only prejudice to the opposing parties associated with the interim rate remedy it sought was the fact that their constituents might actually have to pay the costs for the facilities built to serve them. IGUA submitted that there was an inequity pending in the determination of 2018 rates in that the application of existing cost allocation methodology would result in an additional \$4.142 million paid by certain classes of customers for benefits enjoyed by other customer rate classes

## Findings

The OEB will not provide for interim rates associated with Panhandle Project costs. The issue of the allocation of these costs on a going-forward basis to Union rate classes will be dealt with in Union's 2019 rates proceeding as provided by the OEB decision in the Panhandle leave to construct decision.

As IGUA emphasizes, this is a rates proceeding, albeit one that is setting rates for the final year of an IRM term. IGUA is not proposing a change to the cost allocation model for the rates collected for Panhandle Reinforcement Project costs for the 2018 IRM term at this time. IGUA instead urged that the use of the existing cost allocation methodology to devise 2018 rates to collect for the Panhandle Reinforcement Project costs presents an inequity that must be corrected retrospectively when the allocation of those costs are made in Union's proposed 2019 rates proceeding.

The OEB is of the view that any change to the existing cost allocation model should be done with the assistance of a comprehensive system-wide full cost allocation study. Cost allocation is a zero sum exercise. A full study ensures that all changes to facilities, operations and use in the transmission system since the development of the previous cost allocation model are recognized across all customer classes. This form of study provides that positive and negative changes in costs throughout the system are accounted for. A finding that current rates are inequitable because of the underlying allocation of costs for one project could introduce other inequalities by an incomplete analysis of the changing cost impacts on customers. Equitable cost causality is only possible with a full study. The OEB will not vary the Panhandle leave to construct decision that declined to change the cost allocation methodology for Panhandle Project costs and directed that any change should be considered in the next Union rates proceeding. Consistency in OEB decisions is important to regulatory clarity and predictability.

## **Other Issues**

The OEB reviewed and addressed the following additional issues and provided approvals for the reasons set out in the findings below

- Revenue Requirement adjustments including Price Cap Adjustment, Z and Y Factor Adjustments, Normalized Average Consumption (NAC) Adjustment, 2018 Parkway Delivery Obligation
- Panhandle Reinforcement Project Cost Deferral Account
- Deferral Account Closure

## **Revenue Requirement Adjustments**

There are a number of requested revenue requirement components that were not addressed in the settlement proposal as noted at the oral hearing. The OEB relied on the evidence filed, its analysis of these issues and the submission of OEB staff to arrive at its decision to approve each of these components. These issues, and the OEB's findings, are discussed below:

### **Price Cap Adjustments**

The inflation factor used in Union's PCI mechanism is the actual year-over-year percentage change in the annualized average of four quarters of Statistic Canada's Gross Domestic Product Implicit Price Index Final Domestic Demand (GDP IPI FDD). For 2018 rates, the inflation factor is 1.27%. The approved annual productivity factor is 60% of the inflation factor. For 2018 rates, the X factor is 0.76% and the PCI is 0.51%. This translates to an addition of \$4.638 million<sup>2</sup> to the 2018 revenue requirement.

### **Z Factor Adjustments**

There is a symmetrical sharing of tax changes over the IRM term. The financial impact to 2018 rates is approximately \$2,000 subject to 50:50 sharing. Due to materiality, Union has not reflected this amount in 2018 rates.

### **Y Factor Adjustments**

The OEB- approved settlement agreement provides for a number of Y factors that are passed through to customers in rates. The Y factors include:

- Cost of gas and upstream transportation costs as defined in EB-2011-0210;

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<sup>2</sup> Rate Order Working Papers, Schedule 2, December 21, 2017

- Demand Side Management (DSM) budget changes as determined in EB-2015-0029;
- Loss Revenue Adjustment Mechanism (LRAM) for the contract rate classes; and,
- Major capital additions

Cost of gas and upstream transportation costs are as filed in Union's January 1, 2018 Quarterly Rate Adjustment Mechanism (QRAM) application. Changes in upstream gas costs will continue to be determined using the OEB approved QRAM methodology.

Union has included an approved DSM budget of \$63.3 million in 2018 rates. The difference between actual and budgeted amounts for 2018 will be captured in the DSM variance account. The DSM budget for 2018 is \$4.7 million higher than that approved for 2017 rates and this amount has been included in 2018 rates.

For the contract rate classes, Union will continue to adjust volumes and calculate rates to capture the LRAM volume impacts. As the audit processes associated with the 2015 and 2016 DSM program results are not yet complete, the variance related to the difference between the 2015 and 2016 pre-audit and post-audit results will be captured in the LRAM deferral account.

The major component of Y factor adjustments is the capital pass-throughs. Union has included the 2018 revenue requirements in rates for the following projects:

- 1) Parkway West Project – EB-2012-0433
- 2) Brantford-Kirkwall / Parkway D Project – EB-2013-0074
- 3) Dawn Parkway 2016 System Expansion Project – EB-2014-0261
- 4) Burlington Oakville Pipeline Project – EB-2014-0182;
- 5) 2017 Dawn Parkway Project – EB-2015-0200; and
- 6) Panhandle Reinforcement Project – EB-2016-0186

The total capital pass-throughs included in 2018 rates is \$50.871 million. The forecasted capital costs and the associated revenue requirement have been approved in prior leave to construct proceedings. The difference between the revenue requirement included in rates and the actual net revenue requirement is captured in the associated deferral and variance accounts that are reviewed as part of the deferral account and earnings sharing proceeding. The amount related to major capital additions includes the Panhandle Reinforcement Project that was part of the settlement proposal approved by the OEB.

### Normalized Average Consumption (NAC) Adjustment

NAC incorporates all volume changes, including changes due to average use and DSM activities (LRAM) for general service rate classes. Consistent with the 2017 methodology, Union has adjusted the general service storage and delivery rates for the 2016 actual NAC, using the OEB approved weather normal methodology blend of 50:50 (30-year average and 20-year declining trend). For 2018, the NAC adjustment is the variance between 2015 actual NAC and 2016 actual NAC.

### Union North Cost Allocation and Rate Design Implementation

Union has implemented changes to Union North storage and transportation rates in accordance with the Dawn Reference Price (EB-2015-0181) settlement agreement. Union proposed to use a Dawn-based reference price versus the current Empress price of gas. The changes to storage and transportation rates are based on a detailed cost allocation for each of the new Union North West and Union North East Zones. The update to the gas supply plan has an impact of \$193,000 to 2018 rates.

### 2018 Parkway Delivery Obligation

In Union's 2014 rates application<sup>3</sup>, the OEB approved a framework for reduction of the Parkway Delivery Obligation (PDO). Union's large volume direct purchase customers east of Dawn have an obligation to deliver gas at Parkway (the Parkway Delivery Obligation). In the 2013 rates proceeding (EB-2011-0210), Union's direct purchase customers requested that Union eliminate PDO and allow customers to deliver gas at Dawn. Parties agreed that the cost to eliminate the PDO and move the required supply from Dawn to Parkway would be borne by all customers and included in rates. The amount included in 2018 rates related to the PDO is a credit of \$1.05 million.

## **Findings**

The OEB finds that Union's requested adjustments are in accordance with the IRM framework and previous decisions by the OEB. The adjustments are approved effective January 1, 2018.

The OEB approves the requested changes discussed above and the associated amounts. The amounts approved are listed in the table below:

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<sup>3</sup> Eb-2013-0365

<u>Summary Change in Revenue</u>	(\$000's)
2018 Proposed Revenue in Evidence and Settlement	1,270,267
2017 Approved in EB-2017-0351	1,210,913
<b>NET CHANGE</b>	<b>59,354</b>
<u>Detail Change in Revenue</u>	
2018 Price Cap Index (0.51%)	4,638
2018 DSM Budget Change	4,702
2018 Capital Pass-throughs (Capital pass throughs include Panhandle Reinforcement Costs)	50,871
2018 Parkway Delivery Obligation	(1,050)
2018 Gas Supply Plan	193
<b>TOTAL</b>	<b>59,354</b>

*Rate Order Working Papers, Schedule 5, Page 4*

### **Panhandle Reinforcement Project Cost Deferral Account**

Consistent with the Panhandle Reinforcement Leave to Construct decision<sup>4</sup>, Union has provided the accounting order<sup>5</sup> that tracks the variance between actual and net delivery revenue requirement for the Panhandle Reinforcement Project. Union has requested approval for this new deferral account.

### **Findings**

The OEB finds that Union's requested deferral account is consistent with the direction in EB-2016-0186. The Panhandle Reinforcement Project Cost Deferral Account is approved.

<sup>4</sup> EB-2016-0186

<sup>5</sup> Draft Rate Order, Appendix F, Page 38

**Deferral Account Closure Requests**

The Energy East Pipeline Consultation Costs (EEPCC) Deferral Account (No. 179-139) was established in 2014 as part of Union's 2015 Rates proceeding. The OEB allowed Union to create a deferral account for its allocation of Energy East consultation costs. No further consultation costs are expected. Accordingly, Union has requested approval to close the EEPCC Deferral Account effective January 1, 2018. There is no balance in the deferral account.

**Findings**

The OEB approves the closing of the Energy East Pipeline Consultation Costs Deferral Account.

## 4 RATE ORDER

Union provided a draft rate order and working papers as part of the settlement proposal. This draft rate order is consistent with the decisions rendered above. OEB staff have verified that the draft rate order and its attached schedules are compliant with the settlement proposal and OEB approvals granted in this proceeding.

### Findings

The OEB approves the draft rate order. The OEB finds that it accurately reflects the OEB's decision. The approved rate schedules are attached as Appendix B.

## 5 IMPLEMENTATION

The rates resulting from the OEB's decision are effective January 1, 2018 and are to be implemented on the first billing cycle on or after February 1, 2018. The OEB accepts Union's proposed approach to recover the rate adjustments for the period January 1, 2018 to January 31, 2018 from general service rate classes through a temporary charge or credit in rates for the period February 1, 2018 to December 31, 2018. All other rate classes will be billed effective January 1, 2018 and no rate adjustment is required, with the exception of customer-supplied fuel variances for the period January 1, 2018 to January 31, 2018.

The appropriate customer notices are attached as Appendix D to the Decision and Rate Order.



## 6 COST AWARDS

The OEB may grant cost awards to eligible parties pursuant to its power under section 30 of the *Ontario Energy Board Act, 1998*. When determining the amount of the cost awards, the OEB will consider the provisions of the Notice of Application in this proceeding and apply the principles set out in section 5 of the OEB's *Practice Direction on Cost Awards*. The filings related to cost awards shall be made in accordance with the schedule noted in the Order section.

## 7 ORDER

### THE ONTARIO ENERGY BOARD ORDERS THAT:

1. The settlement proposal attached as Schedule 1 is approved.
2. The rate changes set out in Appendix A and the rate schedules set out in Appendix B are approved and shall be effective January 1, 2018. Union shall implement these rates in the first billing cycle on or after February 1, 2018.
3. The rates pursuant to all contracts for interruptible service under Rates 25, M4, M5A, M7, T1, and T2 shall be adjusted effective January 1, 2018, by the amounts set out in Appendix C. The rates pursuant to contracts for interruptible service under Rate 25 shall be negotiated within the range as adjusted in Appendix C.
4. The appropriate form of customer notice as set out in Appendix D shall accompany each customer's first bill or invoice following the implementation of this Decision and Rate Order
5. Union shall charge the fees as set out in Appendix E for non-energy charges.
6. Union shall close the following deferral account effective January 1, 2018:  
  
179-139            Energy East Pipeline Consultation Costs
7. Union shall establish the following deferral account in accordance with Appendix F:  
  
179-156            Panhandle Reinforcement Project Costs
8. Intervenor shall file with the OEB, and forward to Union, their respective cost claims on or before **February 8, 2018**.
9. Union shall file with the OEB, and forward to intervenors, any objections to the claimed costs by **February 16, 2018**.
10. Intervenor shall file with the OEB, and forward to Union, any responses to any objections for cost claims by **February 23, 2018**.
11. Union shall pay the OEB's costs incidental to this proceeding upon receipt of the OEB's invoice.

All filings to the OEB must quote the file number, **EB-2017-0087** and be made electronically in searchable/unrestricted PDF format through the OEB's web portal at <https://pes.ontarioenergyboard.ca/eservice/>. Two paper copies must also be filed. Filings must clearly state the sender's name, postal address and telephone number, fax number and e-mail address. Parties must use the document naming conventions and document submission standards outlined in the RESS Document Guideline found at <http://www.ontarioenergyboard.ca/OEB/Industry>. If the web portal is not available, parties may email their documents to the address below.

All communications should be directed to the attention of the Board Secretary at the address below, and be received no later than 4:45 p.m. on the required date.

With respect to distribution lists for all electronic correspondence and materials related to this proceeding, parties must include the Case Manager, Khalil Viraney at [Khalil.Viraney@oeb.ca](mailto:Khalil.Viraney@oeb.ca) and Board Counsel, Michael Millar at [Michael.Millar@oeb.ca](mailto:Michael.Millar@oeb.ca).

**ADDRESS**

Ontario Energy Board  
P.O. Box 2319  
2300 Yonge Street, 27th Floor  
Toronto ON M4P 1E4  
Attention: Board Secretary

E-mail: [boardsec@ontarioenergyboard.ca](mailto:boardsec@ontarioenergyboard.ca)  
Tel: 1-888-632-6273 (Toll free)  
Fax: 416-440-7656

**DATED** at Toronto, **January 18, 2018**

**ONTARIO ENERGY BOARD**

*Original Signed By*

Kirsten Walli  
Board Secretary

**SCHEDULE 1**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**SETTLEMENT PROPOSAL**

**ONTARIO ENERGY BOARD**

**IN THE MATTER OF** the *Ontario Energy Board Act 1998*, S.O.1998, c.15, (Schedule B);

**AND IN THE MATTER OF** an Application by Union Gas Limited, pursuant to section 36(1) of the *Ontario Energy Board Act, 1998*, for an order or orders approving or fixing just and reasonable rates and other charges for the sale, distribution, transmission and storage of gas as of January 1, 2018.

**SETTLEMENT PROPOSAL**

**December 21, 2017**

This Settlement Proposal (“Proposal”) is for the consideration of the Ontario Energy Board (the “OEB” or “Board”) in its determination, under Docket No. EB-2017-0087, of an Application by Union Gas Limited (“Union”) for an Order or Orders of the OEB approving or fixing just and reasonable rates and other charges for the sale, distribution, transmission and storage of natural gas as of January 1, 2018. This document is called a “Settlement Proposal” because it is a proposal by the Parties to the OEB to settle certain of the issues in this proceeding. It is termed a proposal as between the Parties and the OEB. However, as between the Parties, and subject only to the OEB’s approval of this Settlement Proposal, this document is intended to be a legal agreement (“Agreement”), creating mutual obligations, and binding and enforceable in accordance with its terms. As set forth later in this Preamble, this Agreement is subject to a condition subsequent, that if it is not accepted by the OEB in its entirety, then unless amended by the Parties it is null and void and of no further effect. In the event the OEB directs the Parties to make reasonable efforts to revise the Settlement Proposal, the Parties agree to use reasonable efforts to discuss any potential revisions, but no party will be obligated to accept any proposed revision. The Parties agree that all of the Parties who took on a position on a particular issue must agree with any revised Settlement Proposal as it relates to that issue prior to its re-submission to the OEB.

In entering into this Agreement, the Parties understand and agree that, pursuant to the Act, the OEB has exclusive jurisdiction with respect to the interpretation and enforcement of the terms hereof.

By Procedural Order No. 1 dated October 27, 2017, the OEB scheduled a Settlement Conference to commence on December 13 and 14, 2017 at 9:30 a.m. The Settlement Conference was duly

convened, in accordance with the Procedural Order No. 1, with Mr. Chris Haussmann as facilitator. The Settlement Conference commenced on December 13, 2017 at 9:30 a.m. and concluded on December 13, 2017 at 2:00pm.

The following Parties participated in the Settlement Conference:

Building Owners and Managers Association Toronto (“BOMA”)

Canadian Manufacturers & Exporters (“CME”)

Kitchener Utilities (“Kitchener”)

Consumers Council of Canada (“CCC”)

Energy Probe Research Foundation (“Energy Probe”)

Federation of Rental-housing Providers of Ontario (“FRPO”)

Industrial Gas User’s Association (“IGUA”)

London Property Management Association (“LPMA”)

School Energy Coalition (“SEC”)

Six Nations Natural Gas Company Limited (“SNNG”)

TransCanada PipeLines Limited (“TransCanada”)

Vulnerable Energy Consumers Coalition (“VECC”)

TransCanada takes no position on any of the issues.

The following issues were addressed by the Parties during the Settlement Conference: 1) Updates to the Rate M12 Schedule “C”; and, 2) The Panhandle Reinforcement Project. No other issues are addressed in this Settlement Proposal. For the purposes of settlement of the issues, listed above, the Parties have reached full agreement on Updates to the Rate M12 Schedule “C”, and

partial agreement in respect of The Panhandle Reinforcement Project. References to the pre-filed evidence and the interrogatories are provided in relation to each of the agreed items contained in this Agreement.

The Parties acknowledge that this Settlement Conference is confidential in accordance with the OEB's Practice Direction on Settlement Conferences (the "Practice Direction"). The Parties understand that confidentiality in that context does not have the same meaning as confidentiality in the OEB's Practice Direction on Confidential Filings, and the rules of that latter document do not apply. Instead, in this Settlement Conference, and in this Settlement Proposal, the Parties have interpreted "confidential" to mean that the documents and other information provided during the course of the Settlement Conference, the discussion of each issue, the offers and counter-offers, and the negotiations leading to the settlement – or not – of each issue during the Settlement Conference are strictly privileged and without prejudice. None of the foregoing is admissible as evidence in this proceeding, or otherwise, with one exception; the need to resolve a subsequent dispute over the interpretation of any provision of this Settlement Proposal. Further, the Parties shall not disclose those documents or other information to persons who were not attendees at the Settlement Conference. However, the Parties agree that "attendees" is deemed to include, in this context, persons who were not physically in attendance at the Settlement Conference but were; a) any persons or entities that the Parties engaged to assist them with the Settlement Conference; or b) any persons or entities from whom they seek instructions with respect to the negotiations; in each case provided that any such persons or entities have agreed to be bound by the same confidentiality provisions.



The role adopted by OEB Staff in Settlement Conferences is set out on pp. 6-7 of the OEB's October 28, 2016 Practice Direction on Settlement Conferences. Although OEB Staff are not a party to this Agreement as noted in the Guidelines, "*Board staff who participate in the settlement conference in any way are bound by the same confidentiality standards that apply to the parties to the proceeding*".

The evidence supporting the agreement on each issue is cited in each section of the Agreement. Abbreviations will be used when identifying exhibit references. For example, Exhibit A, Tab 4, Schedule 1, Page 1 will be referred to as A/T4/S1/p.1. The structure and presentation of the settled issues is consistent with settlement proposals which have been accepted by the OEB in prior cases. The Parties agree that this Agreement forms part of the record in this proceeding. The identification and listing of the evidence that relates to each issue is provided to assist the OEB. The identification and listing of the evidence that relates to each settled issue is not intended to limit any party who wishes to assert, either in any other proceeding, or in a hearing in this proceeding, that other evidence is relevant to a particular settled issue, or that evidence listed is not relevant to the issue, or that the concise description of the issue prepared by Union is incorrect or incomplete.

According to the Practice Direction, p. 4, the Parties must consider whether a Settlement Proposal should include an appropriate adjustment mechanism for any settled issue that may be affected by external factors. The Parties who participated in the settlement discussions agree that no settled issue requires an adjustment mechanism.

None of the Parties can withdraw from this Settlement Proposal except in accordance with Rule 30.05 of the OEB's Rules of Practice and Procedure. Moreover, the settlement of any particular issue in this proceeding and the positions of the Parties in this Settlement Proposal are without prejudice to the rights of the Parties to raise the same issue and/or to take any position thereon in any other proceeding, whether or not Union is a party to such proceeding.

**1. UPDATES TO THE RATE M12 SCHEDULE 'C'**  
(Complete Settlement)

The Parties accept Union's proposal to update the Rate M12 Schedule "C", effective January 1, 2018. Union's proposal includes updates to: the fuel ratio and fuel rate for westerly transportation from Kirkwall to Dawn available under the M12-X service, the authorized overrun Kirkwall to Dawn fuel ratio and fuel rate for Rate M12 and Rate C1, and to remove the VT3 Westerly Parkway to Kirkwall and Parkway to Dawn fuel ratio and fuel rate.

Union introduced the M12-X service as part of the C1 Kirkwall to Dawn and M12-X proceeding (EB-2010-0296). Union's proposal is to set the M12-X Kirkwall to Dawn fuel ratio at 0.158%, which is consistent with the Rate C1 Kirkwall to Dawn transportation fuel ratio. The proposed change results in a decrease to the fuel ratio customers are currently charged. There is no impact to customers as a result of this proposal as the difference between the fuel provided in-kind for M12-X Kirkwall to Dawn transportation and the actual fuel usage for each customer had previously been trued-up quarterly through the Yearly Commodity Required ("YCR") process. Union's proposal will clarify for M12-X customers the applicable fuel requirement by setting it out clearly in the approved tariff.

The current approved authorized overrun Kirkwall to Dawn fuel ratio for Rate C1 is 0.157%.

Union's proposal is to set the Rate C1 Kirkwall to Dawn authorized overrun fuel ratio and to introduce an M12 Kirkwall to Dawn authorized overrun fuel ratio at 0.778%. This proposed fuel ratio is consistent with the authorized overrun fuel ratio in the winter months for westerly transportation from Parkway to Kirkwall or Dawn, under both Rate C1 and Rate M12-X.

Union is proposing to remove the VT3 Westerly Parkway to Kirkwall and Parkway to Dawn fuel ratio and fuel rate from the Rate M12 Schedule "C" as Union no longer offers this service under Rate M12. The last Rate M12 contract for Parkway to Dawn service expired in 2014. Union only offers transportation from Parkway to Kirkwall and Dawn under Rate C1 or as part of the M12-X service. There is no impact of removing this service option as Union currently offers and will continue to offer long-term westerly transportation from Parkway to Kirkwall or Dawn under Rate C1 and as part of the Rate M12-X service.

The following Parties agree with the settlement of this issue: BOMA, CME, CCC, Energy Probe, FRPO, IGUA, Kitchener, LPMA, SEC, VECC, SNNG, Union.

Evidence references: A/T1/pp. 14-15; B.Staff.5; B.Staff.6; BOMA.1; BOMA.3; FRPO.3; FRPO.4; FRPO.5; FRPO.6; VECC.2.

## **2. THE PANHANDLE REINFORCEMENT PROJECT**

(Partial Settlement)

The Panhandle Reinforcement Project was approved by the OEB on February 23, 2017 with a capital cost of \$264.5 million. The Panhandle Reinforcement Project was placed into service commercially on November 1, 2017 and operationally on November 11, 2017.

The Parties agree to include in 2018 rates the Panhandle Reinforcement Project net revenue requirement calculated in accord with the Board's Decision and Order in Union's Panhandle Reinforcement Project Leave to Construct application (EB-2016-0186), subject to an update to the capital cost to reflect Union's latest total forecast capital cost of \$242.8 million, as provided in Exhibit B.BOMA.4, and subject to the issue of final allocation of Panhandle Reinforcement Project costs to rates, including in respect of the 2018 test year, as outlined below. The Parties also agree that any variance between actual and forecast net delivery revenue requirement (positive or negative) will continue to be captured in the Panhandle Reinforcement Project Costs Deferral Account (No. 179-156). These costs will be disposed of through a future proceeding.

There is no agreement as to the final allocation of Panhandle Reinforcement Project costs for 2018. As the Board has noted in its December 11, 2017 Decision on Motion to Vary Part of Procedural Order No. 3, IGUA has suggested potential remedies to what it views as an inequity arising from the Board approved cost allocation of Panhandle Reinforcement Project costs which potential remedies would not involve changes to cost allocation methodology in this proceeding. The parties agree that no further evidence is required in respect of this issue, and it should proceed to argument.

The following Parties agree with the settlement of this issue: BOMA, CME, CCC, Energy Probe, FRPO, IGUA, Kitchener, LPMA, SEC, VECC, SNNG, Union.

Evidence references: A/T1/pp. 8-11; B.Staff.4; B.Staff.8; B.BOMA.4; B.BOMA.5; B.BOMA.6; B.CME.1; B.Energy Probe.10; B.IGUA.1; B.IGUA.2; B.IGUA.3; B.IGUA.4; B.VECC.1.

**APPENDIX A**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**SUMMARY OF CHANGES TO SALES RATES**

UNION GAS LIMITED  
Union North  
Summary of Changes to Sales Rates  
Rate 01A - Small Volume General Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
1	Monthly Charge - All Zones	\$21.00		\$21.00
	Monthly Delivery Charge - All Zones			
2	First 100 m <sup>3</sup>	9.0997	0.2878	9.3875
3	Next 200 m <sup>3</sup>	8.8667	0.2809	9.1476
4	Next 200 m <sup>3</sup>	8.4990	0.2693	8.7683
5	Next 500 m <sup>3</sup>	8.1615	0.2586	8.4201
6	Over 1,000 m <sup>3</sup>	7.8827	0.2497	8.1324
7	Delivery - Price Adjustment (All Volumes)	1.2219 (1)	0.0644	1.2863 (2)
	Cap-and-Trade Charges			
8	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
9	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
	Gas Transportation Service			
10	Union North West Zone	6.8558	0.0008	6.8566
11	Union North East Zone	2.9991	0.0282	3.0273
12	Transportation - Price Adjustment (Union North West)	0.7080 (3)	0.0002	0.7082 (4)
13	Transportation - Price Adjustment (Union North East)	0.8819 (3)	0.0067	0.8886 (5)
	Storage Service			
14	Union North West Zone	2.0541	0.2083	2.2624
15	Union North East Zone	6.6687	0.3323	7.0010
16	Storage - Price Adjustment (Union North West)	-	0.0493	0.0493 (6)
17	Storage - Price Adjustment (Union North East)	-	0.0787	0.0787 (7)
	Commodity Cost of Gas and Fuel			
18	Union North West Zone	10.1887	(0.0009)	10.1878
19	Union North East Zone	13.9084	(0.0009)	13.9075
20	Commodity and Fuel - Price Adjustment (Union North West)	0.2388 (8)	(0.0002)	0.2386 (9)
21	Commodity and Fuel - Price Adjustment (Union North East)	0.6535 (8)	(0.0002)	0.6533 (9)
22	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Includes a temporary charge of 1.2219 cents/m<sup>3</sup> expiring March 31, 2018.
- (2) Includes a temporary charge of 1.2219 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0644 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (3) Prospective Recovery of gas supply deferral accounts, and a temporary charge of 0.7678 cents/m<sup>3</sup> expiring March 31, 2018.
- (4) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.7678 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0002 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (5) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.7678 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0067 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (6) Includes a temporary charge of 0.0493 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (7) Includes a temporary charge of 0.0787 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (8) Prospective Recovery of gas supply deferral accounts.
- (9) Prospective Recovery of gas supply deferral accounts, and a temporary credit of (0.0002) cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

UNION GAS LIMITED  
Union North  
Summary of Changes to Sales Rates  
Rate 10 - Large Volume General Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
1	Monthly Charge - All Zones	\$70.00		\$70.00
	Monthly Delivery Charge - All Zones			
2	First 1,000 m <sup>3</sup>	7.6284	0.2827	7.9111
3	Next 9,000 m <sup>3</sup>	6.1959	0.2296	6.4255
4	Next 20,000 m <sup>3</sup>	5.5243	0.2304	5.7547
5	Next 70,000 m <sup>3</sup>	4.9875	0.2080	5.1955
6	Over 100,000 m <sup>3</sup>	2.9538	0.1232	3.0770
7	Delivery - Price Adjustment (All Volumes)	1.0857 (1)	0.0404	1.1261 (2)
	Cap-and-Trade Charges			
8	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
9	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
	Gas Transportation Service			
10	Union North West Zone	6.0028	0.0002	6.0030
11	Union North East Zone	2.7609	0.0148	2.7757
12	Transportation - Price Adjustment (Union North West)	0.7845 (3)		0.7845 (3)
13	Transportation - Price Adjustment (Union North East)	0.9584 (3)	0.0027	0.9611 (4)
	Storage Service			
14	Union North West Zone	1.5431	0.1631	1.7062
15	Union North East Zone	4.7075	0.2725	4.9800
16	Storage - Price Adjustment (Union North West)	-	0.0316	0.0316 (5)
17	Storage - Price Adjustment (Union North East)	-	0.0502	0.0502 (6)
	Commodity Cost of Gas and Fuel			
18	Union North West Zone	10.1887	(0.0009)	10.1878
19	Union North East Zone	13.9084	(0.0009)	13.9075
20	Commodity and Fuel - Price Adjustment (Union North West)	0.2388 (7)	(0.0002)	0.2386 (8)
21	Commodity and Fuel - Price Adjustment (Union North East)	0.6535 (7)	(0.0002)	0.6533 (8)
22	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Includes a temporary charge of 1.0857 cents/m<sup>3</sup> expiring March 31, 2018.
- (2) Includes a temporary charge of 1.0857 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0404 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (3) Prospective Recovery of gas supply deferral accounts, and a temporary charge of 0.8439 cents/m<sup>3</sup> expiring March 31, 2018.
- (4) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.8439 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0027 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (5) Includes a temporary charge of 0.0316 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (6) Includes a temporary charge of 0.0502 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (7) Prospective Recovery of gas supply deferral accounts.
- (8) Prospective Recovery of gas supply deferral accounts, and a temporary credit of (0.0002) cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

UNION GAS LIMITED  
Union North  
Summary of Changes to Sales Rates  
Rate 20 - Medium Volume Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
1	Monthly Charge	\$884.46	(\$23.77)	\$860.69
	Delivery Demand Charge			
2	First 70,000 m <sup>3</sup>	28.6326	0.0189	28.6515
3	All over 70,000 m <sup>3</sup>	16.8374	0.0111	16.8485
	Delivery Commodity Charge			
4	First 852,000 m <sup>3</sup>	0.5408	(0.0005)	0.5403
5	All over 852,000 m <sup>3</sup>	0.3865	(0.0003)	0.3862
	Cap-and-Trade Charges			
6	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
7	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
	Monthly Gas Supply Demand Charge			
8	Union North West Zone	56.3934	0.8456	57.2390
9	Union North East Zone	50.1604	0.7275	50.8879
10	Gas Supply Demand - Price Adjustment (All Zones)	-		-
	Commodity Transportation 1			
11	Union North West Zone	3.6180	0.0024	3.6204
12	Union North East Zone	2.6489	(0.0048)	2.6441
13	Transportation 1 - Price Adjustment (Union North West)	(0.0449) (1)		(0.0449) (1)
14	Transportation 1 - Price Adjustment (Union North East)	0.1290 (1)		0.1290 (1)
	Commodity Transportation 2			
15	Union North West Zone	-		-
16	Union North East Zone	-		-
	Commodity Cost of Gas and Fuel			
17	Union North West Zone	9.9166	(0.0009)	9.9157
18	Union North East Zone	13.5351	(0.0009)	13.5342
19	Commodity and Fuel - Price Adjustment (Union North West)	0.2388 (1)		0.2388 (1)
20	Commodity and Fuel - Price Adjustment (Union North East)	0.6535 (1)		0.6535 (1)
	Bundled Storage Service (\$/GJ)			
21	Monthly Demand Charge	20.238	0.331	20.569
22	Commodity Charge	0.204	0.004	0.208
23	Storage Demand - Price Adjustment	-		-

Notes:

(1) Prospective Recovery of gas supply deferral accounts.



UNION GAS LIMITED  
Union North  
Summary of Changes to Sales Rates  
Rate 100 - Large Volume High Load Factor Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
1	Monthly Charge	\$1,372.75	(\$31.34)	\$1,341.41
2	Delivery Demand Charge All Zones	15.1083	(0.0206)	15.0877
3	Delivery Commodity Charge All Zones	0.2201	(0.0001)	0.2200
4	Cap-and-Trade Charges			
5	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
5	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
6	Monthly Gas Supply Demand Charge Union North West Zone	114.1225	(1.2902)	112.8323
7	Union North East Zone	161.4293	(0.7051)	160.7242
8	Gas Supply Demand - Price Adjustment (All Zones)	-		-
9	Commodity Transportation 1 Union North West Zone	6.4020	(0.0698)	6.3322
10	Union North East Zone	9.2321	(0.0364)	9.1957
11	Transportation 1 - Price Adjustment (Union North West)	-		-
12	Transportation 1 - Price Adjustment (Union North East)	-		-
13	Commodity Transportation 2 Union North West Zone	-		-
14	Union North East Zone	-		-
15	Commodity Cost of Gas and Fuel Union North West Zone	9.9166	(0.0009)	9.9157
16	Union North East Zone	13.5351	(0.0009)	13.5342
17	Commodity and Fuel - Price Adjustment (Union North West)	0.2388 (1)		0.2388 (1)
18	Commodity and Fuel - Price Adjustment (Union North East)	0.6535 (1)		0.6535 (1)
19	Bundled Storage Service (\$/GJ) Monthly Demand Charge	20.238	0.331	20.569
20	Commodity Charge	0.204	0.004	0.208
21	Storage Demand - Price Adjustment	-		-

Notes:

(1) Prospective Recovery of gas supply deferral accounts.

UNION GAS LIMITED  
Union North  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
1	<u>Rate 25 - Large Volume Interruptible Service</u> Monthly Charge	\$306.75	(\$16.99)	\$289.76
2	Delivery Charge - All Zones (1) Maximum	5.0546	0.1983	5.2529
3	Cap-and-Trade Charges Cap-and-Trade Customer-Related Charge	3.3181		3.3181
4	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
5	Gas Supply Charges - All Zones Minimum	1.4848		1.4848
6	Maximum	675.9484		675.9484

Notes:

(1) Refer to Appendix C.

UNION GAS LIMITED  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Utility Sales</u>			
1	Commodity and Fuel	13.6260	(0.0009)	13.6251
2	Commodity and Fuel - Price Adjustment	2.2893 (1)	(0.0002)	2.2891 (2)
3	Transportation	-		-
4	Total Gas Supply Commodity Charge	<u>15.9153</u>	<u>(0.0011)</u>	<u>15.9142</u>
	<u>M4 Firm Commercial/Industrial</u>			
5	Minimum annual gas supply commodity charge	0.1902	(0.0009)	0.1893
	<u>M4 / M5A Interruptible Commercial/Industrial</u>			
6	Minimum annual gas supply commodity charge	0.1902	(0.0009)	0.1893
	<u>Storage and Transportation Supplemental Services - Rate T1, Rate T2 &amp; Rate T3</u>	<u>\$/GJ</u>		<u>\$/GJ</u>
	Monthly demand charges: (\$/GJ)			
7	Firm gas supply service	60.300		60.300
8	Firm backstop gas	1.522	0.001	1.523
	Commodity charges:			
9	Gas supply	3.522		3.522
10	Backstop gas	3.934	0.040	3.974
11	Reasonable Efforts Backstop Gas	4.884	0.116	5.000
12	Supplemental Inventory	Note (3)		Note (3)
13	Supplemental Gas Sales Service (cents/m <sup>3</sup> )	16.5712	0.1565	16.7277
14	Failure to Deliver	2.714	0.115	2.829
15	Discretionary Gas Supply Service (DGSS)	Note (4)		Note (4)

Notes:

- (1) Prospective Recovery of gas supply deferral accounts, and a temporary charge of 0.2371 cents/m<sup>3</sup> expiring March 31, 2018.
- (2) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.2371 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary credit of (0.0002) cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (3) The charge for banked gas purchases shall be the higher of the daily spot gas cost at Dawn in the month of or the month following the month in which gas is sold under this rate and shall not be less than Union's approved weighted average cost of gas.
- (4) Reflects the "back to back" price plus gas supply administration charge.

UNION GAS LIMITED  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Rate M1 - Small Volume General Service Rate</u>			
1	Monthly Charge	\$21.00		\$21.00
2	First 100 m <sup>3</sup>	4.6590	0.4321	5.0911
3	Next 150 m <sup>3</sup>	4.4181	0.4090	4.8271
4	All over 250 m <sup>3</sup>	3.7957	0.3491	4.1448
5	Delivery - Price Adjustment (All Volumes)	0.5143 (1)	0.0825	0.5968 (2)
	Cap-and-Trade Charges			
6	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
7	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
8	Storage Service	0.7153	0.0178	0.7331
9	Storage - Price Adjustment	-	0.0039	0.0039 (3)
10	System Expansion Surcharge (if applicable)	23.0000		23.0000
	<u>Rate M2 - Large Volume General Service Rate</u>			
11	Monthly Charge	\$70.00		\$70.00
12	First 1,000 m <sup>3</sup>	4.6430	0.4200	5.0630
13	Next 6,000 m <sup>3</sup>	4.5553	0.4117	4.9670
14	Next 13,000 m <sup>3</sup>	4.3686	0.4169	4.7855
15	All over 20,000 m <sup>3</sup>	4.0495	0.3852	4.4347
16	Delivery - Price Adjustment (All Volumes)	0.3363 (4)	0.0854	0.4217 (5)
	Cap-and-Trade Charges			
17	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
18	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
19	Storage Service	0.6252	0.0231	0.6483
20	Storage - Price Adjustment	-	0.0049	0.0049 (6)
21	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Includes a temporary charge of 0.5143 cents/m<sup>3</sup> expiring March 31, 2018.
- (2) Includes a temporary charge of 0.5143 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0825 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (3) Includes a temporary charge of 0.0039 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (4) Includes a temporary charge of 0.3363 cents/m<sup>3</sup> expiring March 31, 2018.
- (5) Includes a temporary charge of 0.3363 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0854 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (6) Includes a temporary charge of 0.0049 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

UNION GAS LIMITED  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Rate M4 - Firm comm/ind contract rate</u>			
	Monthly demand charge:			
1	First 8,450 m <sup>3</sup>	56.9291	4.8156	61.7447
2	Next 19,700 m <sup>3</sup>	25.5256	2.1592	27.6848
3	All over 28,150 m <sup>3</sup>	21.4450	1.8140	23.2590
	Monthly delivery commodity charge:			
4	First block	1.3485	0.2106	1.5591
5	All remaining use	0.5281	0.0715	0.5996
6	Delivery - Price Adjustment (All Volumes)	-		-
	Cap-and-Trade Charges			
7	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
8	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
9	Minimum annual firm delivery commodity charge	1.5387	0.2097	1.7484
	<u>Interruptible contracts (1)</u>			
10	Monthly Charge	\$654.15	(\$9.81)	\$644.34
	Daily delivery commodity charge:			
11	2,400 m <sup>3</sup> to 17,000 m <sup>3</sup>	2.9609	0.0754	3.0363
12	17,000 m <sup>3</sup> to 30,000 m <sup>3</sup>	2.8310	0.0754	2.9064
13	30,000 m <sup>3</sup> to 50,000 m <sup>3</sup>	2.7627	0.0754	2.8381
14	50,000 m <sup>3</sup> to 60,000 m <sup>3</sup>	2.7148	0.0754	2.7902
15	Delivery - Price Adjustment (All Volumes)	-		-
	Cap-and-Trade Charges			
16	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
17	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
18	Minimum annual interruptible delivery commodity charge	3.1511	0.0745	3.2256
	<u>Rate M5A - interruptible comm/ind contract</u>			
	<u>Firm contracts (1)</u>			
19	Monthly demand charge	31.7959	2.6899	34.4858
20	Monthly delivery commodity charge	2.3019	0.0506	2.3525
21	Delivery - Price Adjustment (All Volumes)	-		-
	Cap-and-Trade Charges			
22	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
23	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
	<u>Interruptible contracts (1)</u>			
24	Monthly Charge	\$654.15	(\$9.81)	\$644.34
	Daily delivery commodity charge:			
25	2,400 m <sup>3</sup> to 17,000 m <sup>3</sup>	2.9609	0.0754	3.0363
26	17,000 m <sup>3</sup> to 30,000 m <sup>3</sup>	2.8310	0.0754	2.9064
27	30,000 m <sup>3</sup> to 50,000 m <sup>3</sup>	2.7627	0.0754	2.8381
28	50,000 m <sup>3</sup> to 60,000 m <sup>3</sup>	2.7148	0.0754	2.7902
29	Delivery - Price Adjustment (All Volumes)	-		-
	Cap-and-Trade Charges			
30	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
31	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
32	Minimum annual interruptible delivery commodity charge	3.1511	0.0745	3.2256

Notes:

(1) Price changes to individual interruptible and seasonal contract rates are provided in Appendix C.

UNION GAS LIMITED  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Rate M7 - Special large volume contract</u>			
	<u>Firm</u>			
1	Monthly demand charge	30.8246	3.8271	34.6517
2	Monthly delivery commodity charge	0.3792	(0.0253)	0.3539
3	Delivery - Price Adjustment	-		-
	<u>Interruptible (1)</u>			
4	Monthly delivery commodity charge: Maximum	5.5594	0.8907	6.4501
5	Delivery - Price Adjustment	-		-
	<u>Seasonal (1)</u>			
6	Monthly delivery commodity charge: Maximum	5.3153	0.8907	6.2060
7	Delivery - Price Adjustment	-		-
	<u>Cap-and-Trade Charges</u>			
8	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
9	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
	<u>Rate M9 - Large wholesale service</u>			
10	Monthly demand charge	22.3154	1.2274	23.5428
11	Monthly delivery commodity charge	0.2097	(0.0374)	0.1723
12	Delivery - Price Adjustment	-		-
	<u>Cap-and-Trade Charges</u>			
13	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
	<u>Rate M10 - Small wholesale service</u>			
14	Monthly delivery commodity charge	6.7203	0.4525	7.1728
	<u>Cap-and-Trade Charges</u>			
15	Cap-and-Trade Facility-Related Charge	0.0240		0.0240

Notes:

(1) Price changes to individual interruptible and seasonal contract rates are provided in Appendix C.

UNION GAS LIMITED  
Union South  
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Contract Carriage Service</u>			
	<u>Rate T1 - Storage and Transportation</u>			
	<u>Storage (\$ / GJ)</u>			
	Monthly demand charges:			
1	Firm space	0.011		0.011
	Firm Injection/Withdrawal Right			
2	Union provides deliverability inventory	1.457	(0.002)	1.455
3	Customer provides deliverability inventory	1.186	(0.002)	1.184
4	Firm incremental injection	1.186	(0.002)	1.184
5	Interruptible withdrawal	1.186	(0.002)	1.184
	Commodity charges:			
6	Withdrawal	0.022		0.022
7	Customer provides compressor fuel	0.008		0.008
8	Injection	0.022		0.022
9	Customer provides compressor fuel	0.008		0.008
10	Storage fuel ratio - customer provides fuel	0.406%	0.002%	0.408%
	<u>Transportation (cents / m<sup>3</sup>)</u>			
11	Monthly demand charge first 28,150 m <sup>3</sup>	35.4376	5.1545	40.5921
12	Monthly demand charge next 112,720 m <sup>3</sup>	24.4833	3.5612	28.0445
	Firm commodity charges:			
13	Union provides compressor fuel - All volumes	0.1740	(0.0188)	0.1552
14	Customer provides compressor fuel - All volumes	0.1322	(0.0213)	0.1109
	Interruptible commodity charges: (1)			
15	Maximum - Union provides compressor fuel	5.5594	0.8907	6.4501
16	Maximum - customer provides compressor fuel	5.5176	0.8882	6.4058
	Cap-and-Trade Charges			
17	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
18	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
19	Transportation fuel ratio - customer provides fuel	0.305%	0.018%	0.323%
	<u>Authorized overrun services</u>			
	<u>Storage (\$ / GJ)</u>			
	Commodity charges			
20	Injection / Withdrawals	0.086	0.100%	0.087
21	Customer provides compressor fuel	0.056		0.056
22	Transportation commodity charge (cents/m <sup>3</sup> )	1.3391	0.1506	1.4897
23	Customer provides compressor fuel	1.2973	0.1481	1.4454
24	<u>Monthly Charge</u>	\$1,905.94	(\$9.66)	\$1,896.28

Notes:

(1) Price changes to individual interruptible contract rates are provided in Appendix C.

UNION GAS LIMITED  
Union South  
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Contract Carriage Service</u>			
	<u>Rate T2 - Storage and Transportation</u>			
	<u>Storage (\$ / GJ)</u>			
	Monthly demand charges:			
1	Firm space	0.011		0.011
	Firm Injection/Withdrawal Right			
2	Union provides deliverability inventory	1.457	(0.002)	1.455
3	Customer provides deliverability inventory	1.186	(0.002)	1.184
4	Firm incremental injection	1.186	(0.002)	1.184
5	Interruptible withdrawal	1.186	(0.002)	1.184
	Commodity charges:			
6	Withdrawal	0.022		0.022
7	Customer provides compressor fuel	0.008		0.008
8	Injection	0.022		0.022
9	Customer provides compressor fuel	0.008		0.008
10	Storage fuel ratio - customer provides fuel	0.406%	0.002%	0.408%
	<u>Transportation (cents / m<sup>3</sup>)</u>			
11	Monthly demand charge first 140,870 m <sup>3</sup>	26.4455	5.5743	32.0198
12	Monthly demand charge all over 140,870 m <sup>3</sup>	13.9884	2.9485	16.9369
	Firm commodity charges:			
13	Union provides compressor fuel - All volumes	0.0773	(0.0102)	0.0671
14	Customer provides compressor fuel - All volumes	0.0385	(0.0119)	0.0266
	Interruptible commodity charges: (1)			
15	Maximum - Union provides compressor fuel	5.5594	0.8907	6.4501
16	Maximum - customer provides compressor fuel	5.5206	0.8890	6.4096
	Cap-and-Trade Charges			
17	Cap-and-Trade Customer-Related Charge	3.3181		3.3181
18	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
19	Transportation fuel ratio - customer provides fuel	0.283%	0.012%	0.295%
	<u>Authorized overrun services</u>			
	<u>Storage (\$ / GJ)</u>			
	Commodity charges			
20	Injection / Withdrawals	0.086	0.001	0.087
21	Customer provides compressor fuel	0.056		0.056
22	Transportation commodity charge (cents/m <sup>3</sup> )	0.9467	0.1731	1.1198
23	Customer provides compressor fuel	0.9079	0.1714	1.0793
24	<u>Monthly Charge</u>	\$5,513.81	(\$72.93)	\$5,440.88

Notes:

(1) Price changes to individual interruptible contract rates are provided in Appendix C.



UNION GAS LIMITED  
Union South  
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>Rate T3 - Storage and Transportation</u>			
	<u>Storage (\$ / GJ)</u>			
	Monthly demand charges:			
1	Firm space	0.011		0.011
	Firm Injection/Withdrawal Right			
2	Union provides deliverability inventory	1.457	(0.002)	1.455
3	Customer provides deliverability inventory	1.186	(0.002)	1.184
4	Firm incremental injection	1.186	(0.002)	1.184
5	Interruptible withdrawal	1.186	(0.002)	1.184
	Commodity charges:			
6	Withdrawal	0.022		0.022
7	Customer provides compressor fuel	0.008		0.008
8	Injection	0.022		0.022
9	Customer provides compressor fuel	0.008		0.008
10	Storage fuel ratio - Customer provides fuel	0.406%	0.002%	0.408%
	<u>Transportation (cents / m<sup>3</sup>)</u>			
11	Monthly demand charge	16.7213	1.2685	17.9898
12	Union provides compressor fuel - All volumes	0.1560	(0.0328)	0.1232
13	Customer provides compressor fuel - All volumes	0.1039	(0.0372)	0.0667
	Cap-and-Trade Charges			
14	Cap-and-Trade Facility-Related Charge	0.0240		0.0240
15	Transportation fuel ratio - Customer provides fuel	0.380%	0.032%	0.412%
	<u>Authorized overrun services</u>			
	<u>Storage (\$ / GJ)</u>			
	Commodity charges			
16	Injection / Withdrawals	0.086	0.001	0.087
17	Customer provides compressor fuel	0.056		0.056
18	Transportation commodity charge (cents/m <sup>3</sup> )	0.7057	0.0089	0.7146
19	Customer provides compressor fuel	0.6536	0.0045	0.6581
	<u>Monthly Charge</u>			
20	City of Kitchener	\$19,968.19	(\$124.23)	\$19,843.96
21	Natural Resource Gas	\$3,065.32	(\$19.07)	\$3,046.25
22	Six Nations	\$1,021.77	(\$6.36)	\$1,015.42

UNION GAS LIMITED  
Union South  
Summary of Changes to Unbundled Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>U2 Unbundled Service</u>			
	<u>Storage (\$ / GJ)</u>			
	Monthly demand charges:			
	Standard Storage Service (SSS)			
1	Combined Firm Space & Deliverability	0.023		0.023
	Standard Peaking Service (SPS)			
2	Combined Firm Space & Deliverability	0.114		0.114
3	Incremental firm injection right	1.030	(0.002)	1.028
4	Incremental firm withdrawal right	1.030	(0.002)	1.028
	Commodity charges:			
5	Injection customer provides compressor fuel	0.026		0.026
6	Withdrawal customer provides compressor fuel	0.026		0.026
7	Storage fuel ratio - Customer provides fuel	0.406%	0.002%	0.408%
	<u>Authorized overrun services</u>			
	<u>Storage (\$ / GJ)</u>			
	Commodity charges:			
8	Injection customer provides compressor fuel	0.060		0.060
9	Withdrawal customer provides compressor fuel	0.060		0.060

UNION GAS LIMITED  
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>M12 Transportation Service</u>			
	<u>Firm transportation</u>			
	Monthly demand charges:			
1	Dawn to Kirkwall	2.865	0.289	3.154
2	Dawn to Parkway	3.402	0.314	3.716
3	Kirkwall to Parkway	0.537	0.024	0.561
4	F24-T	0.070		0.070
	<u>M12-X Firm Transportation</u>			
5	Between Dawn, Kirkwall and Parkway	4.239	0.351	4.590
	Commodity charges:			
6	Easterly	Note (1)		Note (1)
7	Westerly	Note (1)		Note (1)
8	Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar	Note (1)		Note (1)
	<u>Cap-and-Trade Facility-Related Charges:</u>			
9	Dawn to Kirkwall / Parkway (Cons) / Lisgar	0.006		0.006
10	Dawn to Parkway (TCPL / EGT)	0.006		0.006
11	Kirkwall to Parkway (Cons) / Lisgar	0.006		0.006
12	Kirkwall to Parkway (TCPL / EGT)	0.006		0.006
13	Parkway to Dawn / Kirkwall	0.006		0.006
14	Kirkwall to Dawn	0.006		0.006
15	Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar	0.006		0.006
	<u>Limited Firm/Interruptible</u>			
	Monthly demand charges:			
16	Maximum	8.165	0.753	8.918
17	Commodity charges :			
	Others	Note (1)		Note (1)
	<u>Authorized Overrun</u>			
	Transportation commodity charges:			
	Easterly:			
18	Dawn to Kirkwall - Union supplied fuel	Note (1)		Note (1)
19	Dawn to Parkway - Union supplied fuel	Note (1)		Note (1)
20	Kirkwall to Parkway - Union supplied fuel	Note (1)		Note (1)
21	Dawn to Kirkwall - Shipper supplied fuel	0.094 (1)	0.010	0.104 (1)
22	Dawn to Parkway - Shipper supplied fuel	0.112 (1)	0.010	0.122 (1)
23	Kirkwall to Parkway - Shipper supplied fuel	0.018 (1)		0.018 (1)
	<u>M12-X Firm Transportation</u>			
24	Between Dawn, Kirkwall and Parkway - Union supplied fuel	Note (1)		Note (1)
25	Between Dawn, Kirkwall and Parkway - Shipper supplied fuel:	0.139 (1)	0.012	0.151 (1)
	<u>M13 Transportation of Locally Produced Gas</u>			
26	Monthly fixed charge per customer station	\$952.72	4.860	\$957.58
27	Transmission commodity charge to Dawn	0.035		0.035
28	Commodity charge - Union supplied fuel	0.006		0.006
29	Commodity charge - Shipper supplied fuel	Note (2)		Note (2)
30	Cap-and-Trade Facility-Related Charge	0.006		0.006
31	Authorized Overrun - Union supplied fuel	0.074	0.061	0.135
32	Authorized Overrun - Shipper supplied fuel	0.069 (2)	0.061	0.130 (2)

Notes:

- (1) Monthly fuel rates and fuel and commodity ratios per Schedule "C".  
(2) Plus shipper supplied fuel per rate schedule.

UNION GAS LIMITED  
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
	<u>M16 Storage Transportation Service</u>			
1	Monthly fixed charge per customer station	\$1,515.67	7.730	\$1,523.40
	Monthly demand charges:			
2	East of Dawn	0.770	0.004	0.774
3	West of Dawn	1.045	1.843	2.888
4	Transmission commodity charge to Dawn	0.035		0.035
	Transportation Fuel Charges to Dawn:			
5	East of Dawn - Union supplied fuel	0.006		0.006
6	West of Dawn - Union supplied fuel	0.006		0.006
7	East of Dawn - Shipper supplied fuel	Note (1)		Note (1)
8	West of Dawn - Shipper supplied fuel	Note (1)		Note (1)
	Transportation Fuel Charges to Pools:			
9	East of Dawn - Union supplied fuel	0.007	(0.001)	0.006
10	West of Dawn - Union supplied fuel	0.016		0.016
11	East of Dawn - Shipper supplied fuel	Note (1)		Note (1)
12	West of Dawn - Shipper supplied fuel	Note (1)		Note (1)
	Cap-and-Trade Facility-Related Charges to Dawn:			
13	East of Dawn - All Shippers	0.006		0.006
14	West of Dawn - All Shippers	0.006		0.006
	Cap-and-Trade Facility-Related Charges to Pool:			
15	East of Dawn - All Shippers	0.006		0.006
16	West of Dawn - All Shippers	0.006		0.006
	<u>Authorized Overrun</u>			
	Transportation Fuel Charges to Dawn:			
17	East of Dawn - Union supplied fuel	0.065	0.001	0.066
18	West of Dawn - Union supplied fuel	0.074	0.061	0.135
19	East of Dawn - Shipper supplied fuel	0.060 (1)		0.060 (1)
20	West of Dawn - Shipper supplied fuel	0.069 (1)	0.061	0.130 (1)
	Transportation Fuel Charges to Pools:			
21	East of Dawn - Union supplied fuel	0.032		0.032
22	West of Dawn - Union supplied fuel	0.050	0.061	0.111
23	East of Dawn - Shipper supplied fuel	0.025 (1)		0.025 (1)
24	West of Dawn - Shipper supplied fuel	0.034 (1)	0.061	0.095 (1)
	<u>C1 - Cross Franchise Transportation Service</u>			
	<u>Transportation service</u>			
	Monthly demand charges:			
25	St. Clair / Bluewater & Dawn	1.045	1.843	2.888
26	Ojibway & Dawn	1.045	1.843	2.888
27	Parkway to Dawn	0.837	0.037	0.874
28	Parkway to Kirkwall	0.837	0.037	0.874
29	Kirkwall to Dawn	1.475	0.067	1.542
30	Dawn to Kirkwall	2.865	0.289	3.154
31	Dawn to Parkway	3.402	0.314	3.716
32	Kirkwall to Parkway	0.537	0.024	0.561
33	Dawn to Dawn-Vector	0.029	0.001	0.030
34	Dawn to Dawn-TCPL	0.138	0.001	0.139
	Commodity charges:			
35	St. Clair / Bluewater & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.009		0.009
36	St. Clair / Bluewater & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.007		0.007
37	Ojibway & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.011		0.011
38	Ojibway & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.016		0.016
39	Parkway to Kirkwall / Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.006		0.006
40	Parkway to Kirkwall / Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.010	0.001	0.011
41	Kirkwall to Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.006		0.006
42	Kirkwall to Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.006		0.006
43	Dawn to Kirkwall - Union supplied fuel (Nov. 1 - Mar. 31)	0.027		0.027
44	Dawn to Kirkwall - Union supplied fuel (Apr. 1 - Oct. 31)	0.011		0.011
45	Dawn to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.036	0.001	0.037
46	Dawn to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.020	0.001	0.021
47	Kirkwall to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.015		0.015
48	Kirkwall to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.014	0.001	0.015

Notes:

(1) Plus shipper supplied fuel per rate schedule.

UNION GAS LIMITED  
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2017-0351 Approved January 1, 2018 Rate (a)	Rate Change (b)	EB-2017-0087 Approved January 1, 2018 Rate (c)
<u>C1 - Cross Franchise Transportation Service</u>				
<u>Transportation service cont'd</u>				
1	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
2	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
3	Ojibway & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
4	Ojibway & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
5	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
6	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
7	Kirkwall to Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
8	Kirkwall to Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
9	Dawn to Kirkwall - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
10	Dawn to Kirkwall - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
11	Dawn to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
12	Dawn to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	Note (1)		Note (1)
13	Kirkwall to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
14	Kirkwall to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	Note (1)		Note (1)
15	Dawn to Dawn-Vector - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
16	Dawn to Dawn-Vector - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
17	Dawn to Dawn-TCPL - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
18	Dawn to Dawn-TCPL - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
19	Dawn(Tecumseh), Dawn(Facilities or TCPL), Dawn (Vector) and Dawn (TSLE)	Note (1)		Note (1)
20	Interruptible and Short Term (1 year or less) Firm Transportation: Maximum	75.00		75.00
<u>Cap-and-Trade Facility-Related Charges:</u>				
21	St. Clair / Bluewater & Dawn	0.006		0.006
22	Ojibway & Dawn	0.006		0.006
23	Parkway to Dawn	0.006		0.006
24	Parkway to Kirkwall	0.006		0.006
25	Kirkwall to Dawn	0.006		0.006
26	Dawn to Kirkwall / Parkway (Cons) / Lisgar	0.006		0.006
27	Dawn to Parkway (TCPL)	0.006		0.006
28	Kirkwall to Parkway (Cons) / Lisgar	0.006		0.006
29	Kirkwall to Parkway (TCPL)	0.006		0.006
30	Dawn to Dawn-Vector	0.006		0.006
31	Dawn to Dawn-TCPL	0.006		0.006
<u>Authorized Overrun</u>				
Firm transportation commodity charges:				
32	St. Clair / Bluewater & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.044	0.060	0.104
33	St. Clair / Bluewater & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.042	0.060	0.102
34	Ojibway & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.045	0.061	0.106
35	Ojibway & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.050	0.061	0.111
36	Parkway to Kirkwall / Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.139	0.011	0.150
37	Parkway to Kirkwall / Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.144	0.011	0.155
38	Kirkwall to Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.054	0.024	0.078
39	Kirkwall to Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.054	0.024	0.078
40	Dawn to Kirkwall - Union supplied fuel (Nov. 1 - Mar. 31)	0.143	0.009	0.152
41	Dawn to Kirkwall - Union supplied fuel (Apr. 1 - Oct. 31)	0.127	0.010	0.137
42	Dawn to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.170	0.011	0.181
43	Dawn to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.154	0.011	0.165
44	Kirkwall to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.054	0.002	0.056
45	Kirkwall to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.054	0.001	0.055
46	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.034 (1)	0.061	0.095 (1)
47	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.034 (1)	0.061	0.095 (1)
48	Ojibway & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.034 (1)	0.061	0.095 (1)
49	Ojibway & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.034 (1)	0.061	0.095 (1)
50	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.112 (1)	0.010	0.122 (1)
51	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.112 (1)	0.010	0.122 (1)
52	Kirkwall to Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.049 (1)	0.002	0.051 (1)
53	Kirkwall to Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.049 (1)	0.002	0.051 (1)
54	Dawn to Kirkwall - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.094 (1)	0.010	0.104 (1)
55	Dawn to Kirkwall - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.094 (1)	0.010	0.104 (1)
56	Dawn to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.112 (1)	0.010	0.122 (1)
57	Dawn to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	0.112 (1)	0.010	0.122 (1)
58	Kirkwall to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.018 (1)		0.018 (1)
59	Kirkwall to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	0.018 (1)		0.018 (1)
60	Dawn to Dawn-Vector - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.001 (1)		0.001 (1)
61	Dawn to Dawn-Vector - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.001 (1)		0.001 (1)
62	Dawn to Dawn-TCPL - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.005 (1)		0.005 (1)
63	Dawn to Dawn-TCPL - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.005 (1)		0.005 (1)

Notes:

(1) Plus shipper supplied fuel per rate schedule.

**APPENDIX B**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**RATE SCHEDULES**



Effective  
2018-01-01  
Rate 01A  
Page 1 of 2

RATE 01A - SMALL VOLUME GENERAL FIRM SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end user whose total gas requirements at that location are equal to or less than 50,000 m<sup>3</sup> per year.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery and Gas Supply Charges shall apply.

(b) **Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer and transported by TransCanada under a firm transportation service tariff or equivalent National Energy Board Order. For this service, the Monthly and Delivery Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

(c) **Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, and Delivery Charges, as well as the Storage and Transportation Charges of the Gas Supply Charge shall apply.

**MONTHLY RATES AND CHARGES**

<u>APPLICABLE TO ALL SERVICES</u>	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$21.00	\$21.00
<u>DELIVERY CHARGE</u>	<u>¢ per m<sup>3</sup></u>	<u>¢ per m<sup>3</sup></u>
First 100 m <sup>3</sup> per month @	9.3875	9.3875
Next 200 m <sup>3</sup> per month @	9.1476	9.1476
Next 200 m <sup>3</sup> per month @	8.7683	8.7683
Next 500 m <sup>3</sup> per month @	8.4201	8.4201
Over 1,000 m <sup>3</sup> per month @	8.1324	8.1324
Delivery-Price Adjustment (All Volumes) (1)	1.2863	1.2863
<u>CAP-AND-TRADE CHARGES (in addition to Delivery Charge)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	3.3181
Cap-and-Trade Facility-Related Charge	0.0240	0.0240

Notes:

(1) Includes a temporary charge of 1.2219 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0644 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.



Effective  
2018-01-01  
**Rate 01A**  
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## ADDITIONAL CHARGES FOR SALES SERVICE

### GAS SUPPLY CHARGES

#### Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

#### SYSTEM EXPANSION SURCHARGE ("SES") (if applicable)

The system expansion surcharge is applied to all volumes consumed for a defined term and is applicable to customers within the following approved community expansion project areas:

Community Expansion Project  
Prince Township

SES Rate (¢ per m<sup>3</sup>)  
23.0000

SES Term Expiry  
December 31, 2039

### MONTHLY BILL

The monthly bill will equal the sum of the monthly charges plus the rates multiplied by the applicable gas quantities delivered plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply.

### MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be the Monthly Charge.

### DELAYED PAYMENT

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

### SERVICE AGREEMENT

Customers providing their own gas supply in whole or in part, for transportation by Union, must enter into a Service Agreement with Union.

### TERMS AND CONDITIONS OF SERVICE

1. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly Charge, the Delivery Charge and any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the monthly billing data of individual end-users to generate a single bill which is less than the sum of the monthly bills of the individual end-users involved.
2. Customers must enter into a Service Agreement with Union prior to the commencement of service.
3. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.





Effective  
2018-01-01  
Rate 10  
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RATE 10 - LARGE VOLUME GENERAL FIRM SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user whose total firm gas requirements at one or more Company-owned meters at one location exceed 50,000 m<sup>3</sup> per year.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery and Gas Supply Charges shall apply.

(b) **Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer and transported by TransCanada under a firm transportation service tariff or equivalent National Energy Board Order. For this service, the Monthly, and Delivery Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems. Customers may reduce their assignment of transportation capacity in compliance with Union's Turnback Policy.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

(c) **Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, and Delivery Charges, as well as the Storage and Transportation Charges of the Gas Supply Charge shall apply.

**MONTHLY RATES AND CHARGES**

<u>APPLICABLE TO ALL SERVICES</u>	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$70.00	\$70.00
<u>DELIVERY CHARGE</u>	<u>¢ per m<sup>3</sup></u>	<u>¢ per m<sup>3</sup></u>
First 1,000 m <sup>3</sup> per month @	7.9111	7.9111
Next 9,000 m <sup>3</sup> per month @	6.4255	6.4255
Next 20,000 m <sup>3</sup> per month @	5.7547	5.7547
Next 70,000 m <sup>3</sup> per month @	5.1955	5.1955
Over 100,000 m <sup>3</sup> per month @	3.0770	3.0770
Delivery-Price Adjustment (All Volumes) (1)	1.1261	1.1261
<u>CAP-AND-TRADE CHARGES (in addition to Delivery Charge)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	3.3181
Cap-and-Trade Facility-Related Charge	0.0240	0.0240

Notes:

- (1) Includes a temporary charge of 1.0857 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0404 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.



Effective  
2018-01-01  
**Rate 10**  
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#### ADDITIONAL CHARGES FOR SALES SERVICE

##### GAS SUPPLY CHARGES

###### Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

###### SYSTEM EXPANSION SURCHARGE ("SES") (if applicable)

The system expansion surcharge is applied to all volumes consumed for a defined term and is applicable to customers within the following approved community expansion project areas:

Community Expansion Project  
Prince Township

SES Rate (¢ per m<sup>3</sup>)  
23.0000

SES Term Expiry  
December 31, 2039

##### MONTHLY BILL

The monthly bill will equal the sum of the monthly charges plus the rates multiplied by the applicable gas quantities delivered plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply.

##### MINIMUM MONTHLY BILL

The Minimum Monthly Bill shall be the Monthly Charge.

##### DELAYED PAYMENT

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

##### SERVICE AGREEMENT

Customers providing their own gas supply in whole or in part, for transportation by Union and customers purchasing gas from Union with maximum daily requirements in excess of 3,000 m<sup>3</sup> per day must enter into a Service Agreement with Union.

##### TERMS AND CONDITIONS OF SERVICE

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly Charge, the Delivery Charge and any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the monthly billing data of individual end-users to generate a single bill which is less than the sum of the monthly bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

RATE 20 - MEDIUM VOLUME FIRM SERVICE**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user or who is authorized to serve an end-user of gas through one or more Company-owned meters at one location, and whose total maximum daily requirements for firm or combined firm and interruptible service is 14,000 m<sup>3</sup> or more.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

**(a) Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery and Gas Supply Charges shall apply.

**(b) Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer. The customer is responsible for obtaining the requisite regulatory approvals for the supply and transmission of such gas to Union's distribution system. For this service, the Monthly, Delivery, Transportation Account and Diversion Transaction Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems. Customers may reduce their assignment of transportation capacity in compliance with Union's Turnback Policy.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

**(c) Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, Delivery, Gas Supply Demand and Commodity Transportation Charges shall apply.

**(d) Storage Service**

For load balancing purposes for customers using Transportation Service on this rate schedule. If at the sole discretion of Union, adequate supplies exist, bundled and unbundled storage and delivery/redelivery services will be provided.

The charge for Bundled Storage Service will consist of the charges for Transportation Service plus the charges for Bundled Storage Service.

Note: Union has a short-term intermittent gas supply service under Rate 30 of which customers may avail themselves, if they qualify for use of the service.

**MONTHLY RATES AND CHARGES**APPLICABLE TO ALL SERVICES – ALL ZONES (1)

<u>MONTHLY CHARGE</u>	\$860.69
<u>DELIVERY CHARGES</u> (cents per month per m <sup>3</sup> )	
Monthly Demand Charge for first 70,000 m <sup>3</sup> of Contracted Daily Demand	28.6515
Monthly Demand Charge for all units over 70,000 m <sup>3</sup> of Contracted Daily Demand	16.8485
Commodity Charge for first 852,000 m <sup>3</sup> of gas volumes delivered	0.5403
Commodity Charge for all units over 852,000 m <sup>3</sup> of gas volumes delivered	0.3862
<u>CAP-AND-TRADE CHARGES</u> (in addition to Delivery Charges)	
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181
Cap-and-Trade Facility-Related Charge	0.0240

Notes:

- (1) Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates, charges and terms and conditions applicable thereto, different from the rates, charges and terms and conditions specified herein if changed rates, charges and terms and conditions are considered by either party to be necessary, desirable and in the public interest.

ADDITIONAL CHARGES FOR SALES SERVICE

## Gas Supply Charge

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

## Commodity Transportation

Charge 1 applies for all gas volumes delivered in the billing month up to the volume represented by the Contract Demand multiplied by the number of days in the billing month multiplied by 0.4.

Charge 2 applies for all additional gas volumes delivered in the billing month.

**HEAT CONTENT ADJUSTMENT**

The gas supply commodity charges hereunder will be adjusted upwards or downwards as described below if the average total heating value of the gas per cubic metre (m<sup>3</sup>) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m<sup>3</sup>, respectively.

The adjustment shall be determined by multiplying the amount otherwise payable by a fraction, where the numerator is the monthly weighted average total heating value per cubic meter and the denominator 37.89.



Effective  
2018-01-01  
**Rate 20**  
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#### COMMISSIONING AND DECOMMISSIONING RATE

The contract may provide that the Monthly Demand Charges specified above shall not apply on all or part of the daily contracted demand used by the customer either during the testing, commissioning and phasing in of gas using equipment or, alternatively, in the decommissioning and phasing out of gas using equipment being displaced by other gas using equipment, for a period not to exceed one year ("the transition period"). To be eligible the new or displaced gas using equipment must be separately meterable. In such event, the contract will provide the following rates that such volume during the transitional period will be charged.

	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$860.69	\$860.69
<u>DELIVERY CHARGES</u>	<u>cents per m<sup>3</sup></u>	<u>cents per m<sup>3</sup></u>
Commodity Charge for each unit of gas volumes delivered	2.4242	2.4242
<u>CAP-AND-TRADE CHARGES (in addition to Delivery Charges)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	3.3181
Cap-and-Trade Facility-Related Charge	0.0240	0.0240

#### GAS SUPPLY CHARGES

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

#### ADDITIONAL CHARGES FOR TRANSPORTATION AND STORAGE SERVICES – ALL ZONES

##### MONTHLY TRANSPORTATION ACCOUNT CHARGE

For customers that currently have installed or will require installing telemetering equipment	\$226.76
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##### BUNDLED (T-SERVICE) STORAGE SERVICE CHARGES

Monthly Demand Charge for each unit of Contracted Daily Storage Withdrawal Entitlement (\$/GJ/Month)	\$20.569
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Monthly Storage Demand- Price Adjustment for each unit of Contracted Daily Storage Withdrawal Entitlement: (\$/GJ/Month)	-
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Commodity Charge for each unit of gas withdrawn from storage (\$/GJ)	\$0.208
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Authorized Overrun Commodity Charge on each additional unit of gas Union authorizes for withdrawal from storage (\$/GJ)	\$0.884
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The Authorized Overrun Commodity Charge is payable on all quantities on any Day in excess of the customer's contractual rights, for which authorization has been received. Overrun will be authorized by Union at its sole discretion.

##### DIVERSION TRANSACTION CHARGE

Charge to a customer Receiving Delivery of diverted gas each time such customer requests a diversion and Union provides the service:	\$10.00
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2018-01-01  
**Rate 20**  
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## THE BILL

The bill will equal the sum of the charges for all services selected plus the rates multiplied by the applicable gas quantities delivered or withdrawn for each service chosen plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply. If the customer selects Union's Sales Service which includes the Gas Supply Charge, no additional charges for Transportation and Storage Services will apply.

## MINIMUM BILL

The minimum bill shall be the Monthly Charge, the Transportation Account Charge and the Demand Charges, as applicable.

## DELAYED PAYMENT

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

## SERVICE AGREEMENT

All customers must enter into a Service Agreement with Union before receiving service under this rate schedule.

## TERMS AND CONDITIONS OF SERVICE

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly Charge, the Delivery Charge, the Transportation Account Charge and any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the billing data of individual end-users to generate a single bill which is less than the sum of the bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.



RATE 25 - LARGE VOLUME INTERRUPTIBLE SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user or who is authorized to serve an end-user of gas through one or more Company-owned meters at one location, and whose total maximum daily interruptible requirement is 3,000 m<sup>3</sup> or more or the interruptible portion of a maximum daily requirement for combined firm and interruptible service is 14,000 m<sup>3</sup> or more and whose operations, in the judgement of Union, can readily accept interruption and restoration of gas service.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For interruptible supply of natural gas by Union and associated transportation services necessary to ensure its delivery in accordance with customer's needs. For this service, the Monthly, Delivery and Gas Supply Charges shall apply.

(b) **Transportation Service**

For delivery of natural gas owned by the customer on Union's distribution system from the Point of Receipt from TransCanada's system to the Point of Consumption on the customer's or end-user's premises, providing that, in the judgement of Union, acting reasonably, the customer-owned gas does not displace service from Union under a Rate 20 or Rate 100 contract specific to that location. The customer is responsible for obtaining the requisite regulatory approvals for the supply and transmission of such gas to Union's distribution system. For this service, the Monthly, Delivery, Transportation Account and Diversion Transaction Charges shall apply.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

NOTE: Union has a short-term intermittent gas supply service under Rate 30 which customers may avail themselves of, if they qualify for use of the service.

**MONTHLY RATES AND CHARGES**

APPLICABLE TO ALL SERVICES – ALL ZONES (1)

<u>MONTHLY CHARGE</u>	\$289.76
<u>DELIVERY CHARGES</u>	<u>cents per m<sup>3</sup></u>
A Delivery Price for all volumes delivered to the customer to be negotiated between Union and the customer and the average price during the period in which these rates remain in effect shall not exceed:	5.2529
<u>CAP-AND-TRADE CHARGES (in addition to Delivery Charges)</u>	
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181
Cap-and-Trade Facility-Related Charge	0.0240
<u>UNAUTHORIZED OVERRUN NON - COMPLIANCE RATE</u>	<u>cents per m<sup>3</sup></u>
Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect.	233.7000

Notes:

- (1) Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates, charges and terms and conditions applicable thereto, different from the rates, charges and terms and conditions specified herein if changed rates, charges and terms and conditions are considered by either party to be necessary, desirable and in the public interest.



Effective  
2018-01-01  
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#### ADDITIONAL CHARGES FOR SALES SERVICE

##### Gas Supply Charge

As per applicable rate provided in Schedule "A".

##### Interruptible Service

Applicable all year at a price agreed upon between Union and the customer and the average price during the period in which these rates remain in effect.

#### **HEAT CONTENT ADJUSTMENT**

The gas supply commodity charges hereunder will be adjusted upwards or downwards as described below if the average total heating value of the gas per cubic metre (m<sup>3</sup>) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m<sup>3</sup>, respectively.

The adjustment shall be determined by multiplying the amount otherwise payable by a fraction, where the numerator is the monthly weighted average total heating value per cubic meter and the denominator 37.89.

#### ADDITIONAL CHARGES FOR TRANSPORTATION – ALL ZONES

##### MONTHLY TRANSPORTATION ACCOUNT CHARGE:

For customers that currently have installed or will require installing telemetering equipment.

\$226.76

#### **THE BILL**

The bill will equal the sum of the monthly charges for all services selected plus the rates multiplied by the applicable gas volumes delivered or withdrawn for each service chosen plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply. If the customer selects Union's Sales Service which includes the Gas Supply Charge, no additional charges for Transportation will apply.

#### **MINIMUM BILL**

The minimum bill shall be the Monthly Charge and the Transportation Account Charge, if applicable.

#### **DELAYED PAYMENT**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

#### **SERVICE AGREEMENT**

All customers must enter into a Service Agreement with Union before receiving service under this rate schedule.





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2018-01-01  
Rate 25  
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#### TERMS AND CONDITIONS OF SERVICE

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly Charge, the Delivery Charge, the Transportation Account Charge and any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the volumes or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the monthly billing data of individual end-users to generate a single bill which is less than the sum of the monthly bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total volumes of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

**RATE 30 - INTERMITTENT GAS SUPPLY SERVICE AND SHORT TERM STORAGE / BALANCING SERVICE****ELIGIBILITY**

Any customer in Union's North West and North East Zones already connected to Union's gas distribution system who is an end-user or is authorized to serve an end-user.

**SERVICE AVAILABLE**

For intermittent, short-term gas supply which will be a substitute for energy forms other than Company owned gas sold under other rate schedules. This may include situations where customer-owned gas supplies are inadequate and short-term backstopping service is requested or during a situation of curtailment on the basis of price when the purchase price of Spot gas is outside the interruptible service price range. The gas supply service available hereunder is offered only in conjunction with service to the customer under an applicable firm or interruptible service rate schedule of Union. The service is for intermittent gas supply and short term storage / balancing service and will be billed in combination with Monthly, Delivery, and other applicable charges for such services under the applicable rate schedule. Gas supply under this rate will be provided when, at the sole discretion of Union, adequate supplies are available.

**GAS SUPPLY CHARGE**

The gas supply charge shall be \$5.00 per 10<sup>3</sup>m<sup>3</sup> plus the greater of the incremental cost of gas for Union and the customer's gas supply charge.

**SHORT TERM STORAGE / BALANCING SERVICE**

Short Term Storage / Balancing Service is:

- i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
- ii) short-term firm deliverability, OR
- iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) the minimum amount of storage service to which a customer is willing to commit,
- ii) whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) utilization of facilities, and
- iv) competition.

A commodity charge to be negotiated between Union and the customer not to exceed \$6.000/GJ.

**THE BILL**

The bill for gas supply and/or short term supplemental services under this rate shall be rendered in conjunction with the billing for delivery and other services under the customer's applicable rate for such services.

**SERVICE AGREEMENT**

All customers must enter into a Service Agreement with Union for this service and must agree therein to curtail or interrupt use of gas under this rate schedule whenever requested to do so by Union.

**TERMS AND CONDITIONS OF SERVICE**

1. Failure of the customer to interrupt or curtail use of gas on this rate as requested by Union shall be subject to the Unauthorized Overrun Gas Penalty as provided in Union's Terms and Conditions. Anytime the customer has such failure, Union reserves the right to cancel service under this rate.
2. The Terms and Conditions of the applicable rate schedule for delivery of the gas sold hereunder shall also apply.
3. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

RATE 100 – LARGE VOLUME HIGH LOAD FACTOR FIRM SERVICE**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user or who is authorized to serve an end-user of gas through one or more Company-owned meters at one location, and whose maximum daily requirement for firm service is 100,000 m<sup>3</sup> or more, and whose annual requirement for firm service is equal to or greater than its maximum daily requirement multiplied by 256.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

**(a) Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery and Gas Supply Charges shall apply.

**(b) Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer. The customer is responsible for obtaining the requisite regulatory approvals for the supply and transmission of such gas to Union's distribution system. For this service, the Monthly, Delivery, Transportation Account and Diversion Transaction Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems. Customers may reduce their assignment of transportation capacity in compliance with Union's Turnback Policy.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

**(c) Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, Delivery, Gas Supply Demand and Commodity Transportation Charges shall apply.

**(d) Storage Service**

For load balancing purposes for customers using Transportation Service on this rate schedule. If at the sole discretion of Union, adequate supplies exist, bundled and unbundled storage and delivery/redelivery services will be provided.

The charge for Bundled Storage Service will consist of the charges for Transportation Service plus the charges for Bundled Storage Service.

NOTE: Union has a short-term intermittent gas supply service under Rate 30 which customers may avail themselves of, if they qualify for use of the service.

**MONTHLY RATES AND CHARGES**APPLICABLE TO ALL SERVICES – ALL ZONES (1)

<u>MONTHLY CHARGE</u>	\$1,341.41
<u>DELIVERY CHARGES</u> (cents per Month per m <sup>3</sup> of Daily Contract Demand)	
Monthly Demand Charge for each unit of Contracted Daily Demand	15.0877
Commodity Charge for each unit of gas volumes delivered (cents/m <sup>3</sup> )	0.2200
<u>CAP-AND-TRADE CHARGES</u> (in addition to Delivery Charges)	
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181
Cap-and-Trade Facility-Related Charge	0.0240

Notes:

- (1) Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates, charges and terms and conditions applicable thereto, different from the rates, charges and terms and conditions specified herein if changed rates, charges and terms and conditions are considered by either party to be necessary, desirable and in the public interest.

ADDITIONAL CHARGES FOR SALES SERVICEGas Supply Charges

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

Commodity Transportation

Charge 1 applies for all gas volumes delivered in the billing month up to the volume represented by the Contract Demand multiplied by the number of days in the billing month multiplied by 0.3.

Charge 2 applies for all additional gas volumes delivered in the billing month.

**HEAT CONTENT ADJUSTMENT**

The gas supply commodity charges hereunder will be adjusted upwards or downwards as described below if the average total heating value of the gas per cubic metre (m<sup>3</sup>) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m<sup>3</sup>, respectively.

The adjustment shall be determined by multiplying the amount otherwise payable by a fraction, where the numerator is the monthly weighted average total heating value per cubic meter and the denominator 37.89.



## COMMISSIONING AND DECOMMISSIONING RATE

The contract may provide that the Monthly Demand Charges specified above shall not apply on all or part of the daily contracted demand used by the customer either during the testing, commissioning and phasing in of gas using equipment or, alternatively, in the decommissioning and phasing out of gas using equipment being displaced by other gas using equipment, for a period not to exceed one year ("the transitional period"). To be eligible the new or displaced gas using equipment must be separately meterable. In such event, the contract will provide the following rates that such volume during the transitional period will be charged.

	Union <u>North West</u>	Union <u>North East</u>
<u>MONTHLY CHARGE</u>	\$1,341.41	\$1,341.41
<u>DELIVERY CHARGES (cents per m<sup>3</sup>)</u>		
Commodity Charge for each unit of gas volumes delivered	0.9286	0.9286
<u>CAP-AND-TRADE CHARGES (in addition to Delivery Charges)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	3.3181
Cap-and-Trade Facility-Related Charge	0.0240	0.0240

### GAS SUPPLY CHARGES

The gas supply charge is comprised of charges for transportation and for commodity and fuel.

The applicable rates are provided in Schedule "A".

## ADDITIONAL CHARGES FOR TRANSPORTATION AND STORAGE SERVICES – ALL ZONES

### MONTHLY TRANSPORTATION ACCOUNT CHARGE

For customers that currently have installed or will require installing telemetering equipment	\$226.76
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### BUNDLED (T-SERVICE) STORAGE SERVICE CHARGES

Monthly Demand Charge for each unit of Contracted Daily Storage Withdrawal Entitlement (\$/GJ/Month)	\$20.569
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Monthly Storage Demand- Price Adjustment for each unit of Contracted Daily Storage Withdrawal Entitlement: (\$/GJ/Month)	-
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Commodity Charge for each unit of gas withdrawn from storage (\$/GJ)	\$0.208
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Authorized Overrun Commodity Charge on each additional unit of gas Union authorizes for withdrawal from storage (\$/GJ)	\$0.884
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The Authorized Overrun Commodity Charge is payable on all quantities on any Day in excess of the customer's contractual rights, for which authorization has been received. Overrun will be authorized by Union at its sole discretion.

### DIVERSION TRANSACTION CHARGE

Charge to a customer Receiving Delivery of diverted gas each time such customer requests a diversion and Union provides the service	\$10.00
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**THE BILL**

The bill will equal the sum of the charges for all services selected plus the rates multiplied by the applicable gas quantities delivered or withdrawn for each service chosen plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply. If the customer selects Union's Sales Service which includes the Gas Supply Charge, no additional charges for Transportation and Storage Services will apply.

**MINIMUM BILL**

The minimum bill shall be the Monthly Charge, the Transportation Account Charge and the Demand Charges, as applicable.

**DELAYED PAYMENT**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**SERVICE AGREEMENT**

All customers must enter into a Service Agreement with Union before receiving service under this rate schedule.

**TERMS AND CONDITIONS OF SERVICE**

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly Charge, the Delivery Charge, the Transportation Account Charge and any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the billing data of individual end-users to generate a single bill which is less than the sum of the bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.



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Schedule "A"  
Page 1 of 2

Union Gas Limited  
Union North  
Gas Supply Charges

(A) Availability

Available to customers in Union's North West and North East Delivery Zones.

(B) Applicability:

To all sales customers served under Rate 01A, Rate 10, Rate 20, Rate 100 and Rate 25.

(C) Rates

Utility Sales

Rate 01A (cents / m<sup>3</sup>)

	<u>Union North West</u>	<u>Union North East</u>
Storage	2.2624	7.0010
Storage - Price Adjustment	0.0493 (1)	0.0787 (2)
Commodity and Fuel (3)	10.1878	13.9075
Commodity and Fuel - Price Adjustment (4)	0.2386	0.6533
Transportation	6.8566	3.0273
Transportation - Price Adjustment	0.7082 (5)	0.8886 (6)
Total Gas Supply Charge	<u>20.3029</u>	<u>25.5564</u>

Rate 10 (cents / m<sup>3</sup>)

Storage	1.7062	4.9800
Storage - Price Adjustment	0.0316 (7)	0.0502 (8)
Commodity and Fuel (3)	10.1878	13.9075
Commodity and Fuel - Price Adjustment (4)	0.2386	0.6533
Transportation	6.0030	2.7757
Transportation - Price Adjustment (6)	0.7845 (9)	0.9611 (10)
Total Gas Supply Charge	<u>18.9517</u>	<u>23.3278</u>

Notes:

- (1) Includes a temporary charge of 0.0493 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (2) Includes a temporary charge of 0.0787 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (3) The Commodity and Fuel rate includes a gas supply administration charge of 0.1893 cents/m<sup>3</sup>.
- (4) Prospective Recovery of gas supply deferral accounts, and a temporary credit of (0.0002) cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (5) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.7678 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0002 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (6) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.7678 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0067 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (7) Includes a temporary charge of 0.0316 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (8) Includes a temporary charge of 0.0502 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (9) Prospective Recovery of gas supply deferral accounts, and a temporary charge of 0.8439 cents/m<sup>3</sup> expiring March 31, 2018.
- (10) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.8439 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0027 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.



Effective  
2018-01-01  
Schedule "A"  
Page 2 of 2

Union Gas Limited  
Union North  
Gas Supply Charges

Utility Sales

Rate 20 (cents / m<sup>3</sup>)

	<u>Union North West</u>	<u>Union North East</u>
Commodity and Fuel (1)	9.9157	13.5342
Commodity and Fuel - Price Adjustment (2)	0.2388	0.6535
Commodity Transportation - Charge 1	3.6204	2.6441
Transportation 1 - Price Adjustment (2)	(0.0449)	0.1290
Commodity Transportation - Charge 2	-	-
Monthly Gas Supply Demand	57.2390	50.8879
Gas Supply Demand - Price Adjustment	-	-
Commissioning and Decommissioning Rate	6.6241	5.5645

Rate 100 (cents / m<sup>3</sup>)

Commodity and Fuel (1)	9.9157	13.5342
Commodity and Fuel - Price Adjustment (2)	0.2388	0.6535
Commodity Transportation - Charge 1	6.3322	9.1957
Commodity Transportation - Charge 2	-	-
Monthly Gas Supply Demand	112.8323	160.7242
Commissioning and Decommissioning Rate	8.0132	11.4897

Rate 25 (cents / m<sup>3</sup>)

Gas Supply Charge:		
Interruptible Service	1.4848	1.4848
Minimum	675.9484	675.9484
Maximum		

Natural Gas Liquefaction Service (\$ / GJ) (3)

Gas Supply Charge:		
Interruptible Service		
Minimum		0.3919
Maximum		178.3976

Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.1893 cents/m<sup>3</sup>.
- (2) Prospective Recovery of gas supply deferral accounts.
- (3) Billing in energy (\$/GJ) will only apply to the Natural Gas Liquefaction Service.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.



### SMALL VOLUME GENERAL SERVICE RATE

#### (A) Availability

Available to customers in Union's Southern Delivery Zone.

#### (B) Applicability

To general service customers whose total consumption is equal to or less than 50,000 m<sup>3</sup> per year.

#### (C) Rates

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

a) Monthly Charge \$21.00

b) Delivery Charge

First	100 m <sup>3</sup>	5.0911	¢ per m <sup>3</sup>
Next	150 m <sup>3</sup>	4.8271	¢ per m <sup>3</sup>
All Over	250 m <sup>3</sup>	4.1448	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes) (1) 0.5968 ¢ per m<sup>3</sup>

Cap-and-Trade Charges (in addition to Delivery Charge)

Cap-and-Trade Customer-Related Charge (if applicable) 3.3181 ¢ per m<sup>3</sup>

Cap-and-Trade Facility-Related Charge 0.0240 ¢ per m<sup>3</sup>

c) Storage Charge (if applicable) 0.7331 ¢ per m<sup>3</sup>

Storage - Price Adjustment (All Volumes) (2) 0.0039 ¢ per m<sup>3</sup>

Applicable to all bundled customers (sales and bundled transportation service).

d) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

e) System Expansion Surcharge ("SES") (if applicable)

The system expansion surcharge is applied to all volumes consumed for a defined term and is applicable to customers within the following approved community expansion project areas:

<u>Community Expansion Project</u>	<u>SES Rate (¢ per m<sup>3</sup>)</u>	<u>SES Term Expiry</u>
Kettle and Stony Point First Nation and Lambton Shores	23.0000	December 31, 2029
Milverton, Rostock and Wartburg	23.0000	December 31, 2032
Delaware Nation of Moraviantown First Nation	23.0000	December 31, 2057

During any month in which a customer terminates service or begins service, the fixed charge for the month will be prorated to such customer.

#### Notes:

(1) Includes a temporary charge of 0.5143 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0825 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

(2) Includes a temporary charge of 0.0039 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

#### (D) Supplemental Service to Commercial and Industrial Customers Under Group Meters

Combination of readings from several meters may be authorized by the Company and the Company will not reasonably withhold authorization in cases where meters are located on contiguous pieces of property of the same owner not divided by a public right-of-way.



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Rate M1  
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**(E) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(F) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(G) Overrun Charge**

In the event that a direct purchase customer fails to deliver its contracted volumes to Union, and Union has the capability to continue to supply the customer, Union will do so. The customer may pay for the identified delivery charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, plus 7¢ per m<sup>3</sup>.

Overrun Delivery Charge	5.8242	¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Delivery Charge)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

**(H) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule, the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union. Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

**(I) Company Policy Relating to Terms of Service**

- Customers who temporarily discontinue service during any twelve consecutive months without payment of the monthly fixed charge for the months in which the gas is temporarily disconnected shall pay for disconnection and reconnection.
- When gas is delivered at an absolute pressure in excess of 101.325 kilopascals, then for purposes of measurement, hereunder, such volume of gas shall be corrected to an absolute pressure of 101.325 kilopascals. Atmospheric pressure is assumed to be the levels shown below in kilopascals (absolute) regardless of the actual atmospheric pressure at which the gas is measured and delivered.

<u>Zone</u>	<u>Assumed Atmospheric Pressure kPa</u>		<u>Assumed Atmospheric Pressure kPa</u>
1	100.148	7	97.582
2	99.494	8	97.065
3	98.874	9	96.721
4	98.564	10	100.561
5	98.185	11	99.321
6	97.754	12	98.883

Effective January 1, 2018  
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Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

LARGE VOLUME GENERAL SERVICE RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To general service customers whose total consumption is greater than 50,000 m<sup>3</sup> per year.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

a) Monthly Charge \$70.00

b) Delivery Charge

First	1 000 m <sup>3</sup>	5.0630	¢ per m <sup>3</sup>
Next	6 000 m <sup>3</sup>	4.9670	¢ per m <sup>3</sup>
Next	13 000 m <sup>3</sup>	4.7855	¢ per m <sup>3</sup>
All Over	20 000 m <sup>3</sup>	4.4347	¢ per m <sup>3</sup>

Delivery – Price Adjustment (All Volumes) (1) 0.4217 ¢ per m<sup>3</sup>

Cap-and-Trade Charges (in addition to Delivery Charge)

Cap-and-Trade Customer-Related Charge (if applicable) 3.3181 ¢ per m<sup>3</sup>

Cap-and-Trade Facility-Related Charge 0.0240 ¢ per m<sup>3</sup>

c) Storage Charge (if applicable) 0.6483 ¢ per m<sup>3</sup>

Storage - Price Adjustment (All Volumes) (2) 0.0049 ¢ per m<sup>3</sup>

Applicable to all bundled customers (sales and bundled transportation service).

d) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

e) System Expansion Surcharge ("SES") (if applicable)

The system expansion surcharge is applied to all volumes consumed for a defined term and is applicable to customers within the following approved community expansion project areas:

<u>Community Expansion Project</u>	<u>SES Rate (¢ per m<sup>3</sup>)</u>	<u>SES Term Expiry</u>
Kettle and Stony Point First Nation and Lambton Shores	23.0000	December 31, 2029
Milverton, Rostock and Wartburg	23.0000	December 31, 2032
Delaware Nation of Moraviantown First Nation	23.0000	December 31, 2057

During any month in which a customer terminates service or begins service, the fixed charge for the month will be prorated to such customer.

Notes:

(1) Includes a temporary charge of 0.3363 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary charge of 0.0854 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

(2) Includes a temporary charge of 0.0049 cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.

**(D) Supplemental Service to Commercial and Industrial Customers Under Group Meters**

Combination of readings from several meters may be authorized by the Company and the Company will not reasonably withhold authorization in cases where meters are located on contiguous pieces of property of the same owner not divided by a public right-of-way.



(E) Delayed Payment

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

(F) Direct Purchase

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

(G) Overrun Charge

In the event that a direct purchase customer fails to deliver its contracted volumes to Union, and Union has the capability to continue to supply the customer, Union will do so. The customer may pay for the identified delivery charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, plus 7¢ per m<sup>3</sup>.

Overrun Delivery Charge	5.7113	¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Delivery Charge)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

(H) Bundled Direct Purchase Delivery

Where a customer elects transportation service under this rate schedule, the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union. Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

(I) Company Policy Relating to Terms of Service

- a. Customers who temporarily discontinue service during any twelve consecutive months without payment of the monthly fixed charge for the months in which the gas is temporarily disconnected shall pay for disconnection and reconnection.
- b. When gas is delivered at an absolute pressure in excess of 101.325 kilopascals, then for purposes of measurement, hereunder, such volume of gas shall be corrected to an absolute pressure of 101.325 kilopascals. Atmospheric pressure is assumed to be the levels shown below in kilopascals (absolute) regardless of the actual atmospheric pressure at which the gas is measured and delivered.

<u>Zone</u>	<u>Assumed Atmospheric Pressure kPa</u>		<u>Assumed Atmospheric Pressure kPa</u>
1	100.148	7	97.582
2	99.494	8	97.065
3	98.874	9	96.721
4	98.564	10	100.561
5	98.185	11	99.321
6	97.754	12	98.883

Effective January 1, 2018  
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Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.



Effective  
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FIRM INDUSTRIAL AND COMMERCIAL CONTRACT RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer who enters into a contract for the purchase or transportation of gas for a minimum term of one year that specifies a daily contracted demand between 2 400 m<sup>3</sup> and 60 000 m<sup>3</sup>.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

1. Bills will be rendered monthly and shall be the total of:

(i) A Monthly Demand Charge

First	8 450 m <sup>3</sup> of daily contracted demand	61.7447	¢ per m <sup>3</sup>
Next	19 700 m <sup>3</sup> of daily contracted demand	27.6848	¢ per m <sup>3</sup>
All Over	28 150 m <sup>3</sup> of daily contracted demand	23.2590	¢ per m <sup>3</sup>

(ii) A Monthly Delivery Commodity Charge

First 422 250 m <sup>3</sup> delivered per month	1.5591	¢ per m <sup>3</sup>
Next volume equal to 15 days use of daily contracted demand	1.5591	¢ per m <sup>3</sup>
For remainder of volumes delivered in the month	0.5996	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes)	-	¢ per m <sup>3</sup>
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Cap-and-Trade Charges (in addition to Delivery Commodity Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

(iii) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

2. Overrun Charge

Authorized overrun gas is available provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization. Overrun means gas taken on any day in excess of 103% of contracted daily demand. Authorized overrun will be available April 1 through October 31 at the identified authorized overrun delivery charge and, if applicable, the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all volumes purchased.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun delivery charge for the delivery and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all gas supply volumes purchased.

Authorized Overrun Delivery Charge	3.5891	¢ per m <sup>3</sup>
Unauthorized Overrun Delivery Charge	5.8242	¢ per m <sup>3</sup>

Cap-and-Trade Charges (in addition to Delivery Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Authorized Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>
Unauthorized Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

### 3. Firm Minimum Annual Charge

In each contract year, the customer shall purchase from Union or pay for a minimum volume of gas or transportation services equivalent to 146 days use of firm contracted demand. Overrun gas volumes will not contribute to the minimum volume. In the event that the customer shall not take such minimum volume the customer shall pay an amount equal to the deficiency from the minimum volume times the identified firm minimum annual delivery charge and, if applicable a gas supply commodity charge provided in Schedule "A".

Firm Minimum Annual Delivery Charge	1.7484	¢ per m <sup>3</sup>
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In the event that the contract period exceeds one year the annual minimum volume will be prorated for any part year.

### 4. Interruptible Service

Union may agree, in its sole discretion, to combine a firm service with an interruptible service provided that the amount of interruptible volume to be delivered and agreed upon by Union and the customer shall be no less than 350,000 m<sup>3</sup> per year.

The price of all gas delivered by Union pursuant to any contract, contract amendment, or contract renewal shall be determined on the basis of the following schedules:

#### a) (i) Monthly Delivery Commodity Charge

##### Daily Contracted Demand Level (CD)

2 400 m <sup>3</sup> ≤ CD < 17 000 m <sup>3</sup>	3.0363	¢ per m <sup>3</sup>
17 000 m <sup>3</sup> ≤ CD < 30 000 m <sup>3</sup>	2.9064	¢ per m <sup>3</sup>
30 000 m <sup>3</sup> ≤ CD < 50 000 m <sup>3</sup>	2.8381	¢ per m <sup>3</sup>
50 000 m <sup>3</sup> ≤ CD ≤ 60 000 m <sup>3</sup>	2.7902	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes)	-	¢ per m <sup>3</sup>
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##### Cap-and-Trade Charges (in addition to Delivery Commodity Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

#### (ii) Days Use of Interruptible Contract Demand

The price determined under Paragraph 4(a) of "Rates" will be reduced by the amount based on the number of Days Use of Contracted Demand as scheduled below:

For 75 days use of contracted demand	0.0530	¢ per m <sup>3</sup>
For each additional days use of contracted demand up to a maximum of 275 days, an additional discount of	0.00212	¢ per m <sup>3</sup>

#### (iii) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

(iv) Monthly Charge	\$644.34	per month
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- b) In each contract year, the customer shall take delivery from Union, or in any event pay for, if available and not accepted by the customer, a minimum volume of gas or transportation services as specified in the contract between the parties and which will not be less than 350 000 m<sup>3</sup> per annum. Overrun volumes will not contribute to the minimum volume. In the event that the customer shall not take such minimum volume, the customer shall pay an amount equal to the deficiency from the minimum volume times the identified interruptible minimum annual delivery charge, and if applicable, a gas supply charge provided in Schedule "A".

In the event that the contract period exceeds one year, the annual minimum volume will be prorated for any part year.

Interruptible Minimum Annual Delivery Charge	3.2256	¢ per m <sup>3</sup>
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- c) Overrun gas is available without penalty provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization. Overrun means gas taken on any day in excess of 105% of contracted daily demand.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun delivery charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	5.8242	¢ per m <sup>3</sup>
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Cap-and-Trade Charges (in addition to Delivery Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
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Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>
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Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 233.7000 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems for all volumes. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

## INTERRUPTIBLE INDUSTRIAL AND COMMERCIAL CONTRACT RATE

### (A) Availability

Available to customers in Union's Southern Delivery Zone.

### (B) Applicability

To a customer who enters into a contract for the purchase or transportation of gas for a minimum term of one year that specifies a daily contracted demand between 2 400 m<sup>3</sup> and 60 000 m<sup>3</sup> inclusive.

### (C) Rates

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

#### 1. Interruptible Service

The price of all gas delivered by Union pursuant to any contract, contract amendment, or contract renewal shall be determined on the basis of the following schedules:

#### (i) Monthly Delivery Commodity Charge

##### Daily Contracted Demand Level (CD)

2 400 m <sup>3</sup> ≤ CD < 17 000 m <sup>3</sup>	3.0363	¢ per m <sup>3</sup>
17 000 m <sup>3</sup> ≤ CD < 30 000 m <sup>3</sup>	2.9064	¢ per m <sup>3</sup>
30 000 m <sup>3</sup> ≤ CD < 50 000 m <sup>3</sup>	2.8381	¢ per m <sup>3</sup>
50 000 m <sup>3</sup> ≤ CD ≤ 60 000 m <sup>3</sup>	2.7902	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes)	-	¢ per m <sup>3</sup>
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##### Cap-and-Trade Charges (in addition to Delivery Commodity Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

#### (ii) Days Use of Interruptible Contract Demand

The price determined under Paragraph 1(a) of "Rates" will be reduced by the amount based on the number of Days Use of Contracted Demand as scheduled below:

For 75 days use of contracted demand	0.0530	¢ per m <sup>3</sup>
For each additional days use of contracted demand up to a maximum of 275 days, an additional discount of	0.00212	¢ per m <sup>3</sup>

#### (iii) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

#### (iv) Monthly Charge \$644.34 per month

2. In each contract year, the customer shall take delivery from Union, or in any event pay for, if available and not accepted by the customer, a minimum volume of gas or transportation services as specified in the contract between the parties and which will not be less than 350 000 m<sup>3</sup> per annum. Overrun volumes will not contribute to the minimum volume. In the event that the customer shall not take such minimum volume, the customer shall pay an amount equal to the deficiency from the minimum volume times the identified interruptible minimum annual delivery charge, and if applicable, a gas supply charge provided in Schedule "A".

In the event that the contract period exceeds one year, the annual minimum volume will be prorated for any part year.

Interruptible Minimum Annual Delivery Charge	3.2256	¢ per m <sup>3</sup>
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3. Overrun gas is available without penalty provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization. Overrun means gas taken on any day in excess of 105% of contracted daily demand.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun delivery charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	5.8242	¢ per m <sup>3</sup>
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Cap-and-Trade Charges (in addition to Delivery Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
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Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>
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Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 233.7000 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

4. Non-Interruptible Service

Union may agree, in its sole discretion, to combine an interruptible service with a firm service in which case the amount of firm daily demand to be delivered shall be agreed upon by Union and the customer.

- a) The monthly demand charge for firm daily deliveries will be 34.4858 ¢ per m<sup>3</sup>.
- b) The commodity charge for firm service shall be the rate for firm service at Union's firm rates net of a monthly demand charge of 34.4858 ¢ per m<sup>3</sup> of daily contracted demand. The commodity charge includes cap-and-trade facility-related charges related to the firm service.
- c) The interruptible commodity charge will be established under Clause 1 of this schedule.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

SPECIAL LARGE VOLUME INDUSTRIAL AND COMMERCIAL CONTRACT RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a Customer

- a) who enters into a contract for the purchase or transportation of gas for a minimum term of one year that specifies a combined maximum daily requirement for firm, interruptible and seasonal service of at least 60 000 m<sup>3</sup>; and
- b) who has site specific energy measuring equipment that will be used in determining energy balances.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

1. Bills will be rendered monthly and shall be the total of:

(i) A Monthly Demand Charge

A negotiated Monthly Demand Charge for each m<sup>3</sup> of daily contracted firm demand up to 34.6517 ¢ per m<sup>3</sup>

(ii) A Monthly Delivery Commodity Charge

(1) A Monthly Firm Delivery Commodity Charge for all firm volumes of	0.3539 ¢ per m <sup>3</sup>
and a Delivery - Price Adjustment of	- ¢ per m <sup>3</sup>

(2) A Monthly Interruptible Delivery Commodity Charge for all interruptible volumes to be negotiated between Union and the customer not to exceed an annual average of	6.4501 ¢ per m <sup>3</sup>
and a Delivery - Price Adjustment of	- ¢ per m <sup>3</sup>

(3) A Monthly Seasonal Delivery Commodity Charge for all seasonal volumes to be negotiated between Union and the customer not to exceed an annual average of	6.2060 ¢ per m <sup>3</sup>
and a Delivery - Price Adjustment of	- ¢ per m <sup>3</sup>

Cap-and-Trade Charges (in addition to Delivery Commodity Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181 ¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240 ¢ per m <sup>3</sup>

(iii) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

(iv) Overrun Gas

Overrun gas is available without penalty provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization.

Unauthorized overrun gas taken in any month shall be paid for at the M1 rate in effect at the time the overrun occurs, plus, if applicable, the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all the gas supply volumes purchased.

Cap-and-Trade Charges (in addition to Delivery Charge)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181 ¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240 ¢ per m <sup>3</sup>

Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 233.7000 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

2. In negotiating the Monthly Interruptible and Seasonal Commodity Charges, the matters to be considered include:
  - (a) The volume of gas for which the customer is willing to contract,
  - (b) The load factor of the customer's anticipated gas consumption, the pattern of annual use, and the minimum annual quantity of gas which the customer is willing to contract to take or in any event pay for,
  - (c) Interruptible or curtailment provisions, and
  - (d) Competition.
3. In each contract year, the customer shall take delivery from Union, or in any event, pay for if available and not accepted by the customer, a minimum volume of gas as specified in the contract between the parties. Overrun gas volumes will not contribute to the minimum volume.
4. The contract may provide that the Monthly Demand Charge specified in Rate Section 1 above shall not apply on all or part of the daily contracted firm demand used by the customer during the testing, commissioning, phasing in, decommissioning and phasing out of gas-using equipment for a period not to exceed one year (the "transition period"). In such event, the contract will provide for a Monthly Delivery Commodity Charge to be applied on such volume during the transition at the identified commissioning and decommissioning rate and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, if applicable.

Commissioning and Decommissioning Rate	4.6213	¢ per m <sup>3</sup>
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Cap-and-Trade Charges (in addition to Commissioning and Decommissioning Rate)

Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
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Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>
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5. Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates and other charges different from the rates and other charges specified herein if the changed rates and other charges are considered by either party to be necessary, desirable and in the public interest.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Bundled Direct Purchase Delivery and Short Term Supplemental Services**

Where a customer elects transportation service and/or a short term supplemental service under this rate schedule, the customer must enter into a Contract under rate schedule R1.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

LARGE WHOLESALE SERVICE RATE**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a distributor who enters into a contract to purchase and/or receive delivery of a firm supply of gas for distribution to its customers and who agrees to take or pay for an annual quantity of at least two million cubic metres.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

(i) A Monthly Demand Charge of established daily demand determined in accordance with the service contract, such demand charge to be computed on a calendar month basis and a pro-rata charge to be made for the fraction of a calendar month which will occur if the day of first regular delivery does not fall on the first day of a month.	23.5428 ¢ per m <sup>3</sup>
(ii) A Delivery Commodity Charge for gas delivered of and a Delivery - Price Adjustment of	0.1723 ¢ per m <sup>3</sup> - ¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Delivery Commodity Charge)</u> Cap-and-Trade Facility-Related Charge	0.0240 ¢ per m <sup>3</sup>

**(iii) Gas Supply Charge (if applicable)**

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.



**(F) Overrun Charge**

Authorized:

For all quantities on any day in excess of 103% of the customer's contractual rights, for which authorization has been received, the customer will be charged at the identified authorized overrun delivery charge. Overrun will be authorized by Union at its sole discretion.

Unauthorized:

For all quantities on any day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged at the identified unauthorized overrun delivery charge.

Authorized Overrun Delivery Charge	0.9463 ¢ per m <sup>3</sup>
Unauthorized Overrun Delivery Charge	36.0000 ¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Delivery Charge)</u>	
Cap-and-Trade Facility-Related Charge	0.0240 ¢ per m <sup>3</sup>

**(G) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.



SMALL WHOLESALE SERVICE RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a non-contract distributor who purchases and/or receives delivery of a firm supply of gas for distribution only to its own customers.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

1. A Delivery Commodity Charge of 7.1728 ¢ per m<sup>3</sup>

Cap-and-Trade Charges (in addition to Delivery Commodity Charge)  
Cap-and-Trade Facility-Related Charge 0.0240 ¢ per m<sup>3</sup>

2. Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Overrun Charge**

In the event that a direct purchase customer fails to deliver its contracted volumes to Union, and Union has the capability to continue to supply the customer, Union will do so. This gas shall be paid for at the identified unauthorized overrun delivery charge and, if applicable, the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, plus 7¢ per m<sup>3</sup> for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge 5.8242 ¢ per m<sup>3</sup>

Cap-and-Trade Charges (in addition to Delivery Charge)  
Cap-and-Trade Facility-Related Charge 0.0240 ¢ per m<sup>3</sup>

**(G) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule, the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

BUNDLED DIRECT PURCHASE CONTRACT RATE
**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer who enters into a Receipt Contract or Gas Purchase Contract for delivery and/or sale of gas to Union.

**(C) Rates**

	<u>Demand Charge Rate/GJ/month</u>	<u>Commodity Charges/Credits Rate/GJ</u>
a) Transportation by Union For gas delivered to Union at any point other than the Ontario Point(s) of Receipt, Union will charge a customer all approved tolls and charges, incurred by Union to transport the gas to the		
b) Firm Backstop Gas Applied to the contracted Firm Backstop Gas Supply Service	\$1.523	
Backstop Gas Commodity Charge On all quantities supplied by Union to the Ontario Point(s) of Receipt		\$3.974
c) Reasonable Efforts Backstop Gas Paid on all quantities of gas supplied by Union to the customer's Point(s) of Consumption		\$5.000
d) Banked Gas Purchase  T-service		Note (1)
e) Failure to Deliver Applied to all quantities not delivered to Union in the event the customer's supply fails		\$2.829
f) Short Term Storage / Balancing Service (2)  Maximum		\$6.000
g) Discretionary Gas Supply Service ("DGSS")		Note (3)
h) Parkway Delivery Commitment Incentive ("PDCI")		\$(0.156)



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Notes:

(1) The charge for banked gas purchases shall be the higher of the daily spot cost at Dawn in the month of or the month following the month in which gas is sold under this rate and shall not be less than Union's approved weighted average cost of gas.

(2) Short Term Storage / Balancing Service is:

- i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
- ii) short-term firm deliverability, OR
- iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for short term storage services, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

(3) Discretionary Gas Supply Service price reflects the "back-to-back" price plus gas supply administration charge.

Effective January 1, 2018  
Implemented February 1, 2018  
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Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.



STORAGE AND TRANSPORTATION RATES FOR CONTRACT CARRIAGE CUSTOMERS

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer:

- a) whose qualifying annual transportation volume for combined firm and interruptible service is at least 2 500 000 m<sup>3</sup> or greater and has a daily firm contracted demand up to 140,870 m<sup>3</sup>; and
- b) who enters into a Carriage Service Contract with Union for the transportation or the storage and transportation of Gas for use at facilities located within Union's gas franchise area; and
- c) who has meters with electronic recording at each Point of Consumption; and
- d) who has site specific energy measuring equipment that will be used in determining energy balances; and
- e) for whom Union has determined transportation and/or storage capacity is available.

For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.

**(C) Rates**

The following rates shall be charged for all quantities contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE:**

	Demand Charge <u>Rate/GJ/mo</u>	Commodity Charge <u>Rate/GJ</u>	<u>For Customers Providing Their Own Compressor Fuel</u>	
			<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
a) Annual Firm Storage Space Applied to contracted Maximum Annual Storage Space	\$0.011			
b) Annual Firm Injection/Withdrawal Right: Applied to the contracted Maximum Annual Firm Injection/Withdrawal Right				
Union provides deliverability Inventory	\$1.455			
Customer provides deliverability Inventory (4)	\$1.184			
c) Incremental Firm Injection Right: Applied to the contracted Maximum Incremental Firm Injection Right	\$1.184			
d) Annual Interruptible Withdrawal Right: Applied to the contracted Maximum Annual Interruptible Withdrawal Right	\$1.184			



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		For Customers Providing Their Own Compressor Fuel		
	<u>Demand Charge Rate/GJ/mo</u>	<u>Commodity Charge Rate/GJ</u>	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
e)	Withdrawal Commodity Paid on all quantities withdrawn from storage up to the Maximum			
	Daily Storage Withdrawal Quantity	\$0.022	0.408%	\$0.008
f)	Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity	\$0.022	0.408%	\$0.008
g)	Short Term Storage / Balancing Service Maximum	\$6.000		

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Annual Firm Injection Rights are equal to 100% of their respective Annual Firm Withdrawal Rights. Injection Rights in excess of the Annual Firm Injection Rights will be charged at the Incremental Firm Injection Right.
3. Annual Firm Storage Space

The maximum storage space available to a customer at the rates specified herein is determined by one of the following storage allocation methodologies:

3.1 Aggregate Excess

Aggregate excess is the difference between the customer's total 151-day winter consumption (November 1 through March 31) and the customer's average daily consumption (Daily Contract Quantity) for the contract year multiplied by 151 days of winter. This calculation will be done using two years of historical data (with 25% weighting for each year) and one year of forecast data (with 50% weighting). If a customer is new, or an existing customer is undergoing a significant change in operations, the allocation will be based on forecast consumption only, as negotiated between Union and the customer. Once sufficient historical information is available for the customer, the standard calculation will be done. At each contract renewal, the aggregate excess calculation will be performed to set the new space allocation.

3.2 Obligated daily contract quantity multiple of 15

Obligated daily contract quantity is the firm daily quantity of gas which the customer must deliver to Union. The 15 x obligated daily contract quantity calculation will be done using the daily contract quantity for the upcoming contract year. At each contract renewal, the 15 x obligated daily contract quantity calculation will be performed to set the new space allocation.

Customers may contract for less than their maximum entitlement of firm storage space.

4. Annual Injection/Withdrawal Right

The maximum level of deliverability available to a customer at the rates specified herein is determined by one of the following methodologies:

4.1 The greater of obligated daily contract quantity or firm daily contract demand less obligated daily contract quantity.

Customers may contract for less than their maximum entitlement of deliverability. A customer may contract up to this maximum entitlement with a combination of firm and interruptible deliverability as specified in Section (C) Storage Service.

5. Additional storage space or deliverability, in excess of the allocated entitlements per Notes 3 and 4, may be available at market prices.
6. Storage Space and Withdrawal Rights are not assignable to any other party without the prior written consent of Union.

7. Deliverability Inventory being defined as 20% of annual storage space.
8. Short Term Storage / Balancing Service is:
- i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, or
  - ii) short-term firm deliverability, or
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

#### TRANSPORTATION CHARGES:

	Demand Charge	Union Providing Compressor Fuel Commodity Charge	For Customers Providing Their Own Compressor Fuel	
			Fuel Ratio (5)	Commodity Charge
	<u>Rate/m<sup>3</sup>/mo</u>	<u>Rate/m<sup>3</sup></u>		<u>Rate/m<sup>3</sup></u>
a) Annual Firm Transportation Applied to the Firm Daily Contract Demand				
First 28,150 m <sup>3</sup> per month	40.5921 ¢			
Next 112,720 m <sup>3</sup> per month	28.0445 ¢			
b) Firm Transportation Commodity Paid on all firm quantities redelivered to the customer's Point(s) of Consumption Commodity Charge (All volumes)		0.1552 ¢	0.323%	0.1109 ¢
c) Interruptible Transportation Commodity Paid on all interruptible quantities redelivered to the customer's Point(s) of Consumption Maximum		6.4501 ¢	0.323%	6.4058 ¢
<u>Cap-and-Trade Charges (in addition to Transportation Commodity Charge)</u>				
Cap-and-Trade Customer-Related Charge (if applicable)		3.3181 ¢		3.3181 ¢
Cap-and-Trade Facility-Related Charge		0.0240 ¢		0.0240 ¢

#### Notes:

- All demand charges are paid monthly during the term of the contract for not less than one year unless Union, at its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
- In negotiating the rate to be charged for the transportation of gas under Interruptible Transportation, the matters that are to be considered include:
  - The amount of the interruptible transportation for which customer is willing to contract,
  - The anticipated load factor for the interruptible transportation quantities,
  - Interruptible or curtailment provisions, and
  - Competition.
- In each contract year, the customer shall pay for a Minimum Interruptible Transportation Activity level as specified in the Contract. Overrun activity will not contribute to the minimum activity level.
- Transportation fuel ratios do not apply to customers served from dedicated facilities directly connected to third party transmission systems with custody transfer metering at the interconnect.
- Either Union or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates and other charges different from the rates and other charges specified herein if the changed rates and other charges are considered by either party to be necessary, desirable and in the public interest.

**SUPPLEMENTAL CHARGES:**

Rates for supplemental services are provided in Schedule "A".

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year.

**OVERRUN SERVICE:**
**1. Annual Storage Space**

## Authorized

Authorized Overrun is provided as Storage/Balancing Service. It is payable on all quantities on any Day in excess of the customer's contracted Maximum Storage Space. Overrun will be authorized by Union at its sole discretion. Storage Space Overrun equal to the customer's firm deliveries from TCPL: less the customer's Firm Daily Contract Demand, all multiplied by the Days of Interruption called during the period of November 1 to March 31, will be automatically authorized until the following July 1.

## Unauthorized

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space, and which has not been authorized by Union or provided for under a short term supplemental storage service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate will be \$6.000 per GJ applied to the greatest excess for each occurrence.

If on any Day the gas storage balance for the account of the customer is less than zero, the Unauthorized Overrun charge will apply for each GJ of gas below a zero inventory level and this amount of gas shall be deemed not to have been withdrawn from storage. The gas shall be deemed to have been sold to the customer at the highest spot price at Dawn in the month of occurrence and the month following occurrence as identified in the Canadian Gas Price Reporter and shall not be less than Union's approved weighted average cost of gas. If the customer has contracted to provide its own deliverability inventory, the zero inventory level shall be deemed to mean twenty percent (20%) of the Annual Firm Storage Space.

**2. Injection, Withdrawals and Transportation**

## Authorized

The following Overrun rates are applied to any quantities transported, injected or withdrawn in excess of 103% of the Contract parameters. Overrun will be authorized by Union at its sole discretion.

Automatic authorization of Injection Overrun will be given during all Days a customer has been interrupted.

	<u>Firm or Interruptible Service</u>		
	<u>Union Providing Compressor Fuel Commodity Charge</u>	<u>For Customers Providing Their Own Compressor Fuel Fuel Ratio</u>	<u>Commodity Charge</u>
Storage Injections	\$0.087/GJ	0.881%	\$0.056/GJ
Storage Withdrawals	\$0.087/GJ	0.881%	\$0.056/GJ
Transportation	1.4897 ¢/m <sup>3</sup>	0.323%	1.4454 ¢/m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Transportation Charge)</u>			
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181 ¢/m <sup>3</sup>		3.3181 ¢/m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240 ¢/m <sup>3</sup>		0.0240 ¢/m <sup>3</sup>

#### Unauthorized

For all quantities on any Day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged the identified unauthorized overrun charge, as appropriate.

Unauthorized Overrun Storage Injections and Withdrawals Charge	\$1.495	per GJ
Unauthorized Overrun Transportation Charge	5.8242	¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Transportation Charge)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

#### Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 233.7000 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

### 3. Storage / Balancing Service

#### Authorized

The following Overrun rates are applied to any quantities stored in excess of the Contract parameters. Overrun will be authorized by Union Gas at its sole discretion.

	Firm Service
	<u>Rate/GJ</u>
Space	\$6.000
Injection / Withdrawal Maximum	\$6.000

#### OTHER SERVICES & CHARGES:

##### 1. Monthly Charge

In addition to the rates and charges described previously for each Point of Consumption, a Monthly Charge shall be applied as follows:

Monthly Charge	\$1,896.28
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##### 2. Diversion of Gas

The availability of the right to divert gas will be based on Union's ability to accommodate the diversion. The price to be charged for the right to divert shall be determined through negotiation.

##### 3. Delivery Obligations

Unless otherwise authorized by Union, all other customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**4. Additional Service Information**

Additional information on Union's T1 service offering can be found at:  
[www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features](http://www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features)

The additional information consists of, but is not limited to, the following:

- i. Storage space and deliverability entitlement;
- ii. The determination of gas supply receipt points and delivery obligations;
- iii. The nomination schedule;
- iv. The management of multiple redelivery points by a common fuel manager; and
- v. The availability of supplemental transactional services including title transfers.

**5. Parkway Delivery Commitment Incentive ("PDCI")**

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.

Rate/GJ

PDCI

\$(0.156)

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

STORAGE AND TRANSPORTATION RATES FOR CONTRACT CARRIAGE CUSTOMERS**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer:

- a) who has a daily firm contracted demand of at least 140 870 m<sup>3</sup>. Firm and/or interruptible daily contracted demand of less than 140,870 m<sup>3</sup> cannot be combined for the purposes of qualifying for this rate class; and
- b) who enters into a Carriage Service Contract with Union for the transportation or the storage and transportation of Gas for use at facilities located within Union's gas franchise area; and
- c) who has meters with electronic recording at each Point of Consumption; and
- d) who has site specific energy measuring equipment that will be used in determining energy balances; and
- e) for whom Union has determined transportation and/or storage capacity is available.

For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.

**(C) Rates**

The following rates shall be charged for all quantities contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE:**

	Demand Charge <u>Rate/GJ/mo</u>	Commodity Charge <u>Rate/GJ</u>	<u>For Customers Providing Their Own Compressor Fuel</u>	
			<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
a) Annual Firm Storage Space Applied to contracted Maximum Annual Storage Space	\$0.011			
b) Annual Firm Injection/Withdrawal Right: Applied to the contracted Maximum Annual Firm Injection/Withdrawal Right Union provides deliverability Inventory	\$1.455			
Customer provides deliverability Inventory (4)	\$1.184			
c) Incremental Firm Injection Right: Applied to the contracted Maximum Incremental Firm Injection Right	\$1.184			
d) Annual Interruptible Withdrawal Right: Applied to the contracted Maximum Annual Interruptible Withdrawal Right	\$1.184			

	Demand Charge <u>Rate/GJ/mo</u>	Commodity Charge <u>Rate/GJ</u>	<u>For Customers Providing Their Own Compressor Fuel</u> Fuel <u>Ratio</u>	Commodity Charge <u>Rate/GJ</u>
e) Withdrawal Commodity Paid on all quantities withdrawn from storage up to the Maximum Daily Storage Withdrawal Quantity		\$0.022	0.408%	\$0.008
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.022	0.408%	\$0.008
g) Short Term Storage / Balancing Service Maximum		\$6.000		
h) Daily Variance Account Interruptible Injections/Withdrawals Paid on all quantities withdrawn from and injected into the Daily Variance Account up to the Maximum Injection/Withdrawal Quantity		\$0.087	0.881%	\$0.056

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Annual Firm Injection Rights are equal to 100% of their respective Annual Firm Withdrawal Rights. Injection Rights in excess of the Annual Firm Injection Rights will be charged at the Incremental Firm Injection Right.
3. Annual Firm Storage Space

The maximum storage space available to a customer at the rates specified herein is determined by one of the following storage allocation methodologies:

3.1 Aggregate Excess

Aggregate excess is the difference between the customer's total 151-day winter consumption (November 1 through March 31) and the customer's average daily consumption (Daily Contract Quantity) for the contract year multiplied by 151 days of winter. This calculation will be done using two years of historical data (with 25% weighting for each year) and one year of forecast data (with 50% weighting). If a customer is new, or an existing customer is undergoing a significant change in operations, the allocation will be based on forecast consumption only, as negotiated between Union and the customer. Once sufficient historical information is available for the customer, the standard calculation will be done. At each contract renewal, the aggregate excess calculation will be performed to set the new space allocation.

3.2 Obligated daily contract quantity multiple of 15

Obligated daily contract quantity is the firm daily quantity of gas which the customer must deliver to Union. The 15 x obligated daily contract quantity calculation will be done using the daily contract quantity for the upcoming contract year. At each contract renewal, the 15 x obligated daily contract quantity calculation will be performed to set the new space allocation.

3.3 For new, large (daily firm transportation demand requirements in excess of 1,200,000 m<sup>3</sup>/day) gas fired power generation customers, storage space is determined by peak hourly consumption x 24 x 4 days. Should the customer elect firm deliverability less than their maximum entitlement (see Note 4.2), the maximum storage space available at the rates specified herein is 10 x firm storage deliverability contracted, not to exceed peak hourly consumption x 24 x 4 days.

3.4 Contract Demand multiple of 10

For customers with non-obligated supply and who are not eligible for Section 3.3 above, the maximum storage space is determined as 9 x firm daily Contract Demand and the Daily Variance Account maximum storage space is determined as 1 x firm daily Contract Demand.

Customers may contract for less than their maximum entitlement of firm storage space.



#### 4. Annual Injection/Withdrawal Right

The maximum level of deliverability available to a customer at the rates specified herein is determined by one of the following methodologies:

4.1 The greater of obligated daily contract quantity or firm daily contract demand less obligated daily contract quantity.

4.2 For new, large (daily firm transportation demand requirements in excess of 1,200,000 m<sup>3</sup>/day) gas fired power generation customers, the maximum entitlement of firm storage deliverability is 24 times the customer's peak hourly consumption, with 1.2% firm deliverability available at the rates specified herein.

4.3 For customers with non-obligated supply and are not eligible for Section 4.2 above, the firm storage deliverability is determined as 1.2% of firm storage space, excluding the firm storage space associated with the Daily Variance Account. For the Daily Variance Account, the storage deliverability is available on an interruptible basis up to the customer's firm contracted demand.

Customers may contract for less than their maximum entitlement of deliverability. A customer may contract up to this maximum entitlement with a combination of firm and interruptible deliverability as specified in Section (C) Storage Service.

5. Additional storage space or deliverability, in excess of the allocated entitlements per Notes 3 and 4, may be available at market prices.

6. Storage Space and Withdrawal Rights are not assignable to any other party without the prior written consent of Union.

7. Deliverability Inventory being defined as 20% of annual storage space.

8. Short Term Storage / Balancing Service is:

- i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, or
- ii) short-term firm deliverability, or
- iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

#### TRANSPORTATION CHARGES:

	Demand Charge	Union Providing Compressor Fuel Commodity Charge	For Customers Providing Their Own Compressor Fuel Fuel Ratio (5)	Commodity Charge
	<u>Rate/m<sup>3</sup>/mo</u>	<u>Rate/m<sup>3</sup></u>		<u>Rate/m<sup>3</sup></u>
a) Annual Firm Transportation Demand Applied to the Firm Daily Contract Demand				
First 140,870 m <sup>3</sup> per month	32.0198 ¢			
All over 140,870 m <sup>3</sup> per month	16.9369 ¢			
b) Firm Transportation Commodity Paid on all firm quantities redelivered to the customer's Point(s) of Consumption Commodity Charge (All volumes)		0.0671 ¢	0.295%	0.0266 ¢
c) Interruptible Transportation Commodity Paid on all interruptible quantities redelivered to the customer's Point(s) of Consumption Maximum		6.4501 ¢	0.295%	6.4096 ¢
<u>Cap-and-Trade Charges (in addition to Transportation Commodity Charge)</u>				
Cap-and-Trade Customer-Related Charge (if applicable)		3.3181 ¢		3.3181 ¢
Cap-and-Trade Facility-Related Charge		0.0240 ¢		0.0240 ¢

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, at its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Effective January 1, 2007, new customers and existing customers with incremental daily firm demand requirements in excess of 1,200,000 m<sup>3</sup>/day and who are directly connected to i) the Dawn-Trafalgar transmission system in close proximity to Parkway or ii) a third party pipeline, have the option to pay for service using a Billing Contract Demand. The Billing Contract Demand shall be determined by Union such that the annual revenues over the term of the contract will recover the invested capital, return on capital and operating and maintenance costs associated with the dedicated service in accordance with Union's system expansion policy. The firm transportation demand charge will be applied to the Billing Contract Demand. For customers choosing the Billing Contract Demand option, the authorized transportation overrun rate will apply to all volumes in excess of the Billing Contract Demand but less than the daily firm demand requirement.
3. In negotiating the rate to be charged for the transportation of gas under Interruptible Transportation, the matters that are to be considered include:
  - a) The amount of the interruptible transportation for which customer is willing to contract,
  - b) The anticipated load factor for the interruptible transportation quantities,
  - c) Interruptible or curtailment provisions, and
  - d) Competition.
4. In each contract year, the customer shall pay for a Minimum Interruptible Transportation Activity level as specified in the Contract. Overrun activity will not contribute to the minimum activity level.
5. Transportation fuel ratios do not apply to customers served from dedicated facilities directly connected to third party transmission systems with custody transfer metering at the interconnect.
6. Firm transportation fuel ratio does not apply to new customers or existing customers with incremental daily firm demand requirements in excess of 1,200,000 m<sup>3</sup>/day that contract for M12 Dawn to Parkway transportation service equivalent to 100% of their daily firm demand requirement. If a customer with a daily firm demand requirement in excess of 1,200,000 m<sup>3</sup>/day contracts for M12 Dawn to Parkway transportation service at less than 100% of their firm daily demand requirement, the firm transportation fuel ratio will be applicable to daily volumes not transported under the M12 transportation contract.
7. Either Union or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates and other charges different from the rates and other charges specified herein if the changed rates and other charges are considered by either party to be necessary, desirable and in the public interest.

**SUPPLEMENTAL CHARGES:**

Rates for supplemental services are provided in Schedule "A".

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year.

**OVERRUN SERVICE:****1. Annual Storage Space**

Authorized

Authorized Overrun is provided as Storage/Balancing Service. It is payable on all quantities on any Day in excess of the customer's contracted Maximum Storage Space. Overrun will be authorized by Union at its sole discretion. Storage Space Overrun equal to the customer's firm deliveries from TCPL: less the customer's Firm Daily Contract Demand, all multiplied by the Days of Interruption called during the period of November 1 to March 31, will be automatically authorized until the following July 1. Authorized Overrun is not applicable to the Daily Variance Account.

## Unauthorized

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space, and which has not been authorized by Union or provided for under a short term supplemental storage service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate will be \$6.000 per GJ applied to the greatest excess for each occurrence.

If on any Day the gas storage balance for the account of the customer is less than zero, the Unauthorized Overrun charge will apply for each GJ of gas below a zero inventory level and this amount of gas shall be deemed not to have been withdrawn from storage. The gas shall be deemed to have been sold to the customer at the highest spot price at Dawn in the month of occurrence and the month following occurrence as identified in the Canadian Gas Price Reporter and shall not be less than Union's approved weighted average cost of gas. If the customer has contracted to provide its own deliverability inventory, the zero inventory level shall be deemed to mean twenty percent (20%) of the Annual Firm Storage Space.

## 2. Injection, Withdrawals and Transportation

### Authorized

The following Overrun rates are applied to any quantities transported, injected or withdrawn in excess of 103% of the Contract parameters. Overrun will be authorized by Union at its sole discretion. The Authorized Overrun rates are not applicable to the Daily Variance Account.

Automatic authorization of Injection Overrun will be given during all Days a customer has been interrupted.

	Union Providing Compressor Fuel Commodity Charge	For Customers Providing Their Own Compressor Fuel Fuel Ratio	Commodity Charge
Storage Injections	\$0.087/GJ	0.881%	\$0.056/GJ
Storage Withdrawals	\$0.087/GJ	0.881%	\$0.056/GJ
Transportation	1.1198 ¢/m <sup>3</sup>	0.295%	1.0793 ¢/m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Transportation Charge)</u>			
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181 ¢/m <sup>3</sup>		3.3181 ¢/m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240 ¢/m <sup>3</sup>		0.0240 ¢/m <sup>3</sup>

### Unauthorized

For all quantities on any Day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged the identified unauthorized overrun charge, as appropriate. For the Daily Variance Account, this unauthorized storage overrun rate will be charged on all quantities in excess of the Daily Variance Account maximum injection/withdrawal quantity.

Unauthorized Overrun Storage Injections and Withdrawals Charge	\$1.495	per GJ
Unauthorized Overrun Transportation Charge	5.8242	¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Transportation Charge)</u>		
Cap-and-Trade Customer-Related Charge (if applicable)	3.3181	¢ per m <sup>3</sup>
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

### Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 233.7000 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

**3. Storage / Balancing Service**

Authorized

The following Overrun rates are applied to any quantities stored in excess of the Contract parameters. Overrun will be authorized by Union Gas at its sole discretion.

	Firm Service
	<u>Rate/GJ</u>
Space	\$6.000
Injection / Withdrawal Maximum	\$6.000

**OTHER SERVICES & CHARGES:**

**1. Monthly Charge**

In addition to the rates and charges described previously for each Point of Consumption, a Monthly Charge shall be applied as follows:

Monthly Charge	\$5,440.88
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**2. Diversion of Gas**

The availability of the right to divert gas will be based on Union's ability to accommodate the diversion. The price to be charged for the right to divert shall be determined through negotiation.

**3. Delivery Obligations**

The delivery options available to customers are detailed at:  
[www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features](http://www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features)

Unless otherwise authorized by Union, all other customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**4. Nominations**

Effective January 1, 2007, new customers and existing customers with incremental daily firm demand requirements in excess of 1,200,000 m<sup>3</sup>/day who have non obligated deliveries may contract to use Union's 5 additional nomination windows (13 in total) for the purposes of delivering gas to Union. These windows are in addition to the standard NAESB and TCPL STS nomination windows. Customers taking the additional nomination window service will pay an additional monthly demand charge of \$0.070/GJ/day/month multiplied by the non-obligated daily contract quantity.

**5. Additional Service Information**

Additional information on Union's T2 service offering can be found at:  
[www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features](http://www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features)

The additional information consists of, but is not limited to, the following:

- i. Storage space and deliverability entitlement;
- ii. The determination of gas supply receipt points and delivery obligations;
- iii. The nomination schedule;
- iv. The management of multiple redelivery points by a common fuel manager; and
- v. The availability of supplemental transactional services including title transfers.

**6. Parkway Delivery Commitment Incentive ("PDCI")**

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.

Rate/GJ

PDCI

\$(0.156)

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.



STORAGE AND TRANSPORTATION RATES FOR CONTRACT CARRIAGE CUSTOMERS

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a Distributor:

- a) whose minimum annual transportation of natural gas is 700 000 m<sup>3</sup> or greater; and
- b) who enters into a Carriage Service Contract with Union for the transportation or the storage and transportation of Gas for distribution to its customers; and
- c) who has meters with electronic recording at each Point of Redelivery; and
- d) for whom Union has determined transportation and/or storage capacity is available.

**(C) Rates**

The following rates shall be charged for all quantities contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE:**

	Demand Charge <u>Rate/GJ/mo</u>	Commodity Charge <u>Rate/GJ</u>	<u>For Customers Providing Their Own Compressor Fuel</u>	
			<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
a) Annual Firm Storage Space Applied to contracted Maximum Annual Storage Space	\$0.011			
b) Annual Firm Injection/Withdrawal Right: Applied to the contracted Maximum Annual Firm Injection/Withdrawal Right Union provides deliverability Inventory	\$1.455			
Customer provides deliverability Inventory (4)	\$1.184			
c) Incremental Firm Injection Right: Applied to the contracted Maximum Incremental Firm Injection Right	\$1.184			
d) Annual Interruptible Withdrawal Right: Applied to the contracted Maximum Annual Interruptible Withdrawal Right	\$1.184			
e) Withdrawal Commodity Paid on all quantities withdrawn from storage up to the Maximum Daily Storage Withdrawal Quantity		\$0.022	0.408%	\$0.008
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.022	0.408%	\$0.008
g) Short Term Storage / Balancing Service Maximum		\$6.000		

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Annual Firm Injection Rights are equal to 100% of their respective Annual Firm Withdrawal Rights. Injection Rights in excess of the Annual Firm Injection Rights will be charged at the Incremental Firm Injection Right.
3. Annual Firm Storage Space

The maximum storage space available to a customer at the rates specified herein is determined by one of the following storage allocation methodologies:

#### 3.1 Aggregate Excess

Aggregate excess is the difference between the customer's total 151-day winter consumption (November 1 through March 31) and the customer's average daily consumption (Daily Contract Quantity) for the contract year multiplied by 151 days of winter. This calculation will be done using two years of historical data (with 25% weighting for each year) and one year of forecast data (with 50% weighting). If a customer is new, or an existing customer is undergoing a significant change in operations, the allocation will be based on forecast consumption only, as negotiated between Union and the customer. Once sufficient historical information is available for the customer, the standard calculation will be done. At each contract renewal, the aggregate excess calculation will be performed to set the new space allocation.

#### 3.2 Obligated daily contract quantity multiple of 15

Obligated daily contract quantity is the firm daily quantity of gas which the customer must deliver to Union. The 15 x obligated daily contract quantity calculation will be done using the daily contract quantity for the upcoming contract year. At each contract renewal, the 15 x obligated daily contract quantity calculation will be performed to set the new space allocation.

Customers may contract for less than their maximum entitlement of firm storage space.

#### 4. Annual Injection/Withdrawal Right

The maximum level of deliverability available to a customer at the rates specified herein is determined to be the greater of obligated daily contract quantity or firm daily contract demand less obligated daily contract quantity.

Customers may contract for less than their maximum entitlement of deliverability. A customer may contract up to this maximum entitlement with a combination of firm and interruptible deliverability as specified in Section (C) Storage Service.

5. Additional storage space or deliverability, in excess of the allocated entitlements per Notes 3 and 4, may be available at market prices.
6. Storage Space and Withdrawal Rights are not assignable to any other party without the prior written consent of Union.
7. Deliverability Inventory being defined as 20% of annual storage space.
8. Short Term Storage / Balancing Service is:
  - i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
  - ii) short-term firm deliverability, OR
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for this service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

**TRANSPORTATION CHARGES:**

	Demand Charge	Union Providing Compressor Fuel Commodity Charge	For Customers Providing Their Own Compressor Fuel Fuel Ratio	Commodity Charge
	<u>Rate/m<sup>3</sup>/mo</u>	<u>Rate/m<sup>3</sup></u>		<u>Rate/m<sup>3</sup></u>
a) Annual Firm Transportation Demand Applied to the Firm Daily Contract Demand	17.9898 ¢			
b) Firm Transportation Commodity Paid on all firm quantities redelivered to the Customer's Point(s) of Redelivery		0.1232 ¢	0.412%	0.0667 ¢
<u>Cap-and-Trade Charges (in addition to Transportation Commodity Charge)</u> Cap-and-Trade Facility-Related Charge		0.0240 ¢		0.0240 ¢

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.

**SUPPLEMENTAL CHARGES**

Rates for supplemental services are provided in Schedule "A".

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year.

**OVERRUN SERVICE**
**1. Annual Storage Space**
**Authorized**

Authorized Overrun is provided as Storage/Balancing Service. It is payable on all quantities on any Day in excess of the customer's contracted Maximum Storage Space. Overrun will be authorized by Union at its sole discretion.

**Unauthorized**

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space, and which has not been authorized by Union or provided for under a short term supplemental storage service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate will be \$6.000 per GJ applied to the greatest excess for each occurrence.

If on any Day, the gas storage balance for the account of the customer is less than zero, the Unauthorized Overrun charge will apply for each GJ of gas below a zero inventory level and this amount of gas shall be deemed not to have been withdrawn from storage. The gas shall be deemed to have been sold to the customer at the highest spot price at Dawn in the month of occurrence and the month following occurrence as identified in the Canadian Gas Price Reporter and shall not be less than Union's approved weighted average cost of gas. If the customer has contracted to provide its own deliverability inventory, the zero inventory level shall be deemed to mean twenty percent (20%) of the Annual Firm Storage Space.



## 2. Injection, Withdrawals and Transportation

### Authorized

The following Overrun rates are applied to any quantities transported, injected or withdrawn in excess of 103% of the Contract parameters. Overrun will be authorized by Union at its sole discretion.

	Union Providing Compressor Fuel Commodity Charge	For Customers Providing Their Own Compressor Fuel Fuel Ratio	Commodity Charge
Storage Injections	\$0.087/GJ	0.881%	\$0.056/GJ
Storage Withdrawals	\$0.087/GJ	0.881%	\$0.056/GJ
Transportation	0.7146 ¢/m <sup>3</sup>	0.412%	0.6581 ¢/m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Transportation Charge)</u>			
Cap-and-Trade Facility-Related Charge	0.0240 ¢/m <sup>3</sup>		0.0240 ¢/m <sup>3</sup>

### Unauthorized

For all quantities on any Day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged the identified unauthorized overrun charge, as appropriate.

Unauthorized Overrun Storage Injections and Withdrawals Charge	\$9.243	per GJ
Unauthorized Overrun Transportation Charge	36.0000	¢ per m <sup>3</sup>
<u>Cap-and-Trade Charges (in addition to Transportation Charge)</u>		
Cap-and-Trade Facility-Related Charge	0.0240	¢ per m <sup>3</sup>

## 3. Short Term Storage Services

### Authorized

The following Overrun rates are applied to any quantities stored in excess of the Contract parameters. Overrun will be authorized by Union Gas at its sole discretion.

	Firm Service <u>Rate/GJ</u>
Space	\$6.000
Injection / Withdrawal Maximum	\$6.000



## OTHER SERVICES & CHARGES

### 1. Monthly Charge

In addition to the rates and charges described previously for each Point of redelivery a Monthly Charge shall be applied to each specific customer as follows:

	<u>Monthly Charge</u>
City of Kitchener	\$ 19,843.96
NRG	\$ 3,046.25
Six Nations	\$ 1,015.42

If a customer combines Sales Service with Contract Carriage Service, the monthly charge will be prorated such that the customer will under both services pay no more than the above monthly charge.

### 2. Diversion of Gas

The availability of the right to divert gas will be based on Union's ability to accommodate the diversion. The price to be charged for the right to divert shall be determined through negotiation.

3. Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

### 4. Parkway Delivery Commitment Incentive ("PDCI")

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.	<u>Rate/GJ</u>
PDCI	\$(0.156)

### (D) Delayed Payment

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.



Effective  
2018-01-01  
Schedule "A"

Gas Supply Charges

(A) Availability:

Available to customers in Union's Southern Delivery Zone.

(B) Applicability:

To all sales customers served under Rate M1, Rate M2, Rate M4, Rate M5A, Rate M7, Rate M9, Rate M10 and storage and transportation customers taking supplemental services under Rate T1, Rate T2 and Rate T3.

(C) Rates:

cents / m<sup>3</sup>

Utility Sales

Commodity and Fuel	13.6251 (1)
Commodity and Fuel - Price Adjustment	2.2891 (2)
Transportation	-
Total Gas Supply Commodity Charge	<u>15.9142</u>

Minimum Annual Gas Supply Commodity Charge

Rate M4 Firm and Rate M5A Interruptible Contract	0.1893
--	--------

Storage and Transportation Supplemental Services - Rate T1, Rate T2 & Rate T3

\$/GJ

Monthly demand charges:	
Firm gas supply service	60.300
Firm backstop gas	1.523
Commodity charges:	
Gas supply	3.522
Backstop gas	3.974
Reasonable Efforts Backstop Gas	5.000
Supplemental Inventory	Note (3)
Supplemental Gas Sales Service (cents / m <sup>3</sup> )	16.7277
Failure to Deliver: Applied to quantities not delivered to Union in the event the customer's supply fails	2.829
Discretionary Gas Supply Service (DGSS)	Note (4)

Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.1893 cents/m<sup>3</sup>.
- (2) Prospective Recovery of gas supply deferral accounts, a temporary charge of 0.2371 cents/m<sup>3</sup> expiring March 31, 2018, and a temporary credit of (0.0002) cents/m<sup>3</sup> for the period February 1, 2018 to December 31, 2018.
- (3) The charge for banked gas purchases shall be the higher of the daily spot gas cost at Dawn in the month of or the month following the month in which gas is sold under this rate and shall not be less than Union's approved weighted average cost of gas.
- (4) Reflects the "back to back" price plus a gas supply administration charge.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087

Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.



Effective  
2018-01-01  
**Rate U2**  
Page 1 of 3

## STORAGE RATES FOR UNBUNDLED CUSTOMERS

### (A) Availability

Available to customers in Union's Southern Delivery Zone.

### (B) Applicability

To a customer, or an agent, who is authorized to service residential and non-contract commercial and industrial end-users paying for the Monthly Fixed Charge and Delivery charge under Rate M1 or Rate M2:

- a) who enters into an Unbundled Service Contract with Union for the storage of Gas for use at facilities located within Union's gas franchise area;
- b) who contracts for Standard Peaking Service (SPS) with Union unless the customer can demonstrate that it has a replacement to the deliverability available in the SPS physically tied into Union's system and an OEB approved rate to provide the SPS replacement service;
- c) who accepts daily estimates of consumption at Points of Consumption as prepared by Union so that they may nominate an equivalent amount from storage, upstream transportation, or Ontario Producers authorized to sell to third parties;
- d) who nominates injections and withdrawals from storage and deliveries on upstream pipeline systems daily or Ontario Producers authorized to sell to third parties;
- e) for whom Union has determined storage capacity is available; and
- f) who accepts a monthly bill as prepared by Union.

### (C) Rates

The following rates shall be charged for all volumes contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

#### STORAGE SERVICE

	<u>Demand Charge Rate/GJ/mo</u>	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
i) Standard Storage Service (SSS)			
a) Combined Storage Space & Deliverability Applied to contracted Maximum Storage Space	\$0.023		
b) Injection Commodity		0.408%	\$0.026
c) Withdrawal Commodity		0.408%	\$0.026
ii) Standard Peaking Service (SPS)			
a) Combined Storage Space & Deliverability Applied to contracted Maximum Storage Space	\$0.114		
b) Injection Commodity		0.408%	\$0.026
c) Withdrawal Commodity		0.881%	\$0.026
iii) Supplemental Service			
a) Incremental Firm Injection Right: (5) Applied to the contracted Maximum Incremental Firm Injection Right	\$1.028		



Effective  
2018-01-01  
Rate U2  
Page 2 of 3

	<u>Demand Charge Rate/GJ/mo</u>	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
b) Incremental Firm Withdrawal Right: (5) Applied to the contracted Maximum Incremental Firm Withdrawal Right	\$1.028		
c) Short Term Storage / Balancing Service - Maximum			\$6.000

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the Contract, which shall not be less than one year, unless Union, in its sole discretion, accepts a term of less than one year.
2. Daily Firm Injection and Withdrawal Rights shall be pursuant to the Storage Contract.
3. Storage Space, Withdrawal Rights, and Injection Rights are not assignable to any other party without the prior written consent of Union and where necessary, approval from the Ontario Energy Board.
4. Short Term Storage / Balancing service (less than 2 years) is:
  - i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
  - ii) short-term incremental firm deliverability, OR
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities,
- iv) Competition, and
- v) Term.

5. Union's ability to offer incremental injection and withdrawal rights is subject to annual asset availability.

**OVERRUN SERVICE**

**1. Injection and Withdrawal**

<u>Authorized</u>	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
Injection	0.881%	\$0.060
Withdrawal	0.881%	\$0.060

**Unauthorized**

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space or the gas storage balance for the account of the customer is less than zero or the customer has injected or withdrawn volumes from storage which exceeds their contractual rights, and which has not been authorized by Union or provided for under a short term storage/balancing service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate during the November 1 to April 15 period will be \$60.00 per GJ. The Unauthorized Overrun rate during the April 16 to October 31 period will be \$6.000 per GJ.

**OTHER SERVICES & CHARGES**

1. Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must commit to provide a call at Parkway, throughout the winter period, for a specified number of days. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**2. Parkway Delivery Commitment Incentive ("PDCI")**

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.

Rate/GJ

PDCI

\$(0.156)

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

## TRANSPORTATION RATES

### (A) Applicability

The charges under this schedule shall be applicable to a Shipper who enters into a Transportation Service Contract with Union.

#### Applicable Points

Dawn as a receipt point: Dawn (TCPL), Dawn (Facilities), Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE).

Dawn as a delivery point: Dawn (Facilities).

### (B) Services

Transportation Service under this rate schedule shall be for transportation on Union's Dawn - Parkway facilities.

### (C) Rates

The identified rates represent maximum prices for service. These rates may change periodically.

Multi-year prices may also be negotiated, which may be higher than the identified rates.

	Monthly Demand Charges (applied to daily contract demand) <u>Rate/GJ</u>	<u>Fuel and Commodity Charges</u>  <u>Union Supplied Fuel</u> Fuel and Commodity Charge <u>Rate/GJ</u>	<u>Shipper Supplied Fuel</u>  <u>Fuel</u> <u>Ratio %</u>  <u>AND</u>  <u>Commodity Charge</u> <u>Rate/GJ</u>
<u>Firm Transportation (1), (5)</u>			
Dawn to Parkway	\$3.716	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".
Dawn to Kirkwall	\$3.154		
Kirkwall to Parkway	\$0.561		
<u>M12-X Firm Transportation</u>			
Between Dawn, Kirkwall and Parkway	\$4.590	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".
<u>Limited Firm/Interruptible Transportation (1)</u>			
Dawn to Parkway – Maximum	\$8.918	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".
Dawn to Kirkwall – Maximum	\$8.918		
Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar (2)	n/a	n/a	0.158%
<u>Cap-and-Trade Facility-Related Charges (applied to all quantities transported)</u>			
Dawn to Kirkwall / Parkway (Cons) / Lisgar		\$0.006	\$0.006
Dawn to Parkway (TCPL / EGT)		\$0.006	\$0.006
Kirkwall to Parkway (Cons) / Lisgar		\$0.006	\$0.006
Kirkwall to Parkway (TCPL / EGT)		\$0.006	\$0.006
Parkway to Dawn / Kirkwall		\$0.006	\$0.006
Kirkwall to Dawn		\$0.006	\$0.006
Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar (2)		\$0.006	\$0.006

**(C) Rates (Cont'd)**
**Authorized Overrun (3)**

Authorized overrun rates will be payable on all quantities in excess of Union's obligation on any day. The overrun charges payable will be calculated at the following rates. Overrun will be authorized at Union's sole discretion.

**Fuel and Commodity Charges**

	Union Supplied Fuel	Shipper Supplied Fuel	
	Fuel and Commodity Charge Rate/GJ	Fuel Ratio %	Commodity Charge Rate/GJ
<b><u>Transportation Overrun</u></b>			
Dawn to Parkway	Monthly fuel and commodity	Monthly fuel ratios shall	\$0.122
Dawn to Kirkwall	rates shall be in accordance	be in accordance with	\$0.104
Kirkwall to Parkway	with schedule "C".	schedule "C".	\$0.018
Parkway (TCPL) Overrun (4)	n/a	0.721%	n/a
<b><u>M12-X Firm Transportation</u></b>			
Between Dawn, Kirkwall and Parkway	Monthly fuel and commodity	Monthly fuel ratios shall	\$0.151
	rates shall be in accordance	be in accordance with	
	with schedule "C".	schedule "C".	
<b><u>Cap-and-Trade Facility-Related Charges (applied to all quantities transported)</u></b>			
Dawn to Kirkwall / Parkway (Cons) / Lisgar	\$0.006		\$0.006
Dawn to Parkway (TCPL / EGT)	\$0.006		\$0.006
Kirkwall to Parkway (Cons) / Lisgar	\$0.006		\$0.006
Kirkwall to Parkway (TCPL / EGT)	\$0.006		\$0.006
Parkway to Dawn / Kirkwall	\$0.006		\$0.006
Kirkwall to Dawn	\$0.006		\$0.006
Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar (2)	\$0.006		\$0.006

**Unauthorized Overrun**

Authorized Overrun rates will be payable on all quantities up to 2% in excess of Union's contractual obligation.

The Unauthorized Overrun shall be the higher of the reported daily spot price of gas at either Dawn, Parkway, Niagara or Iroquois in the month of or the month following the month in which the overrun occurred plus 25% for all usage on any day in excess of 102% of Union's contractual obligation.

**Nomination Variances**

Where Union and the shipper have entered into a Limited Balancing Agreement ("LBA"), the rate for unauthorized parking or drafting which results from nomination variances shall equal the "Balancing Fee" rate as described under Article XXII of TransCanada PipeLines Transportation Tariff.

Notes for Section (C) Rates:

- (1) The annual transportation commodity charge is calculated by application of the YCRR Formula, as per Section (D). The annual transportation fuel required is calculated by application of the YCR Formula, as per Section (D).
- (2) This rate is for westerly transportation within the Parkway yard, from Parkway (TCPL) or Parkway (EGT) to Parkway (Cons) or Lisgar.
- (3) For purposes of applying the YCRR Formula or YCR Formula (Section (D)) to transportation overrun quantities, the transportation commodity revenue will be deemed to be equal to the commodity charge of the applicable service as detailed in Section (B).
- (4) This ratio will be applied to all gas quantities for which Union is obligated to deliver to Parkway (Cons) or Lisgar and has agreed to deliver to Parkway (TCPL) or Parkway (EGT) on an interruptible basis. This will be in addition to any rate or ratio paid for transportation easterly to Parkway (Cons) or Lisgar.
- (5) A demand charge of \$0.070/GJ/day/month will be applicable for customers contracting for firm all day transportation service in addition to the demand charges appearing on this schedule for firm transportation service to either Kirkwall or Parkway.



#### (D) Transportation Commodity

The annual fuel charge in kind or in dollars for transportation service in any contract year shall be equal to the sum of the application of the following equation applied monthly for the 12 months April through March (The "YCRR" or "YCR" Formula). An appropriate adjustment in the fuel charges will be made in May for the previous 12 months ending March 31st to obtain the annual fuel charges as calculated using the applicable "YCRR" or "YCR" Formula. At Union's sole discretion Union may make more frequent adjustments than once per year. The YCRR and YCR adjustments must be paid/remitted to/from Shippers at Dawn within one billing cycle after invoicing.

$$YCR = \sum_{1}^{4} [(0.001580 \times (QT1 + QT3)) + (DSFx(QT1 + QT3)) + F_{ST}] \text{ For June 1 to Sept. 30}$$

plus

$$\sum_{5}^{12} [0.001580 \times (QT1 + Q3)) + (DWFxQT1) + F_{WT}] \text{ For Oct. 1 to May 31}$$

$$YCRR = \sum_{1}^{4} [(0.001580 \times (QT1 + QT3)) + (DSFx(QT1 + QT3)) + F_{ST}]xR \text{ For June 1 to Sept. 30}$$

plus

$$\sum_{5}^{12} [(0.001580 \times (QT1 + QT3)) + (DWFxQT1) + F_{WT}]xR \text{ For Oct. 1 to May 31}$$

where: DSF = 0.00000 for Dawn summer fuel requirements  
DWF = 0.0020 for Dawn winter fuel requirements

in which:

YC Yearly Commodity Required

The sum of 12 separate monthly calculations of Commodity Quantities required for the period from April through March.

YCRR Yearly Commodity Revenue Required

The sum of 12 separate monthly calculations of Commodity Revenue required for the period April through March.

QT1 Monthly quantities in GJ transported easterly hereunder received at Dawn at not less than 4 850 kPa but less than 5 860 kPa (compression required at Dawn).

QT3 Monthly quantities in GJ transported westerly hereunder received at the Parkway Delivery Point.

F<sub>WT</sub> The individual Shipper's monthly share of compressor fuel used in GJ which was required at Union's Lobo, Bright, Trafalgar and Parkway Compressor Stations ("Lobo", "Bright", "Trafalgar" and "Parkway") to transport the same Shipper's QT1 monthly quantities easterly.

Lobo, Bright, Trafalgar and Parkway compressor fuel required by each Shipper will be calculated each month.

The monthly Lobo and Bright compressor fuel will be allocated to each Shipper in the same proportion as the Shipper's monthly quantities transported is to the monthly transported quantity for all users including Union.

The monthly Parkway and Trafalgar compressor fuel used will be allocated to each Shipper in the same proportion as the monthly quantity transported to Parkway (TCPL) for each user is to the total monthly quantity transported for all users including Union.

**(D) Transportation Commodity (Cont'd)**

F<sub>ST</sub> The individual Shipper's monthly share of compressor fuel used in GJ which was required at Union's Lobo, Bright, Trafalgar and Parkway compressor stations to transport the same Shipper's quantity on the Trafalgar system.

Lobo, Bright, Trafalgar and Parkway compressor fuel required by each Shipper will be calculated each month.

R Union's weighted average cost of gas in \$/GJ.

**Notes**

- (i) In the case of Easterly flow, direct deliveries by TCPL at Parkway to Union or on behalf of Union to Union's Transportation Shippers will be allocated to supply Union's markets on the Dawn-Parkway facilities starting at Parkway and proceeding westerly to successive laterals until exhausted.

**(E) Provision for Compressor Fuel**

For a Shipper that has elected to provide its own compressor fuel.

**Transportation Fuel**

On a daily basis, the Shipper will provide Union at the delivery point and delivery pressure as specified in the contract, a quantity (the "Transportation Fuel Quantity") representing the Shipper's share of compressor fuel and unaccounted for gas for transportation service on Union's system.

The Transportation Fuel Quantity will be determined on a daily basis, as follows:

Transportation Fuel Quantity = Transportation Quantity x Transportation Fuel Ratio.

In the event that the actual quantity of fuel supplied by the Shipper was different from the actual fuel quantity as calculated using the YCR formula, an adjustment will be made in May for the previous 12 months ending March 31<sup>st</sup>.

**Nominations**

The Shipper will be required to nominate its Transportation Fuel Quantity in addition to its normal nominations for transportation services.

**(F) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A" for contracts in effect before October 1, 2010. The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2010" for contracts in effect on or after October 1, 2010.

**(G) Nominations**

Nominations under this rate schedule shall be in accordance with the attached Schedule "B" for contracts in effect before October 1, 2010. Nominations under this rate schedule shall be in accordance with the attached Schedule "B 2010" for contracts in effect on or after October 1, 2010.

**(H) Monthly Fuel Rates and Ratios**

Monthly fuel rates and ratios under this rate schedule shall be in accordance with Schedule "C".

**(I) Receipt and Delivery Points and Pressures**

Receipt and Delivery Points and Pressures under this rate schedule shall be in accordance with Schedule "D 2010" for contracts in effect on or after October 1, 2010.

**RATE M12  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

1. "Contract" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;
2. "cubic metre" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
3. "day" shall mean a period of twenty-four (24) consecutive hours beginning at 9:00 a.m. Central Standard time. The reference date for any day shall be the calendar date upon which the twenty-four (24) hour period shall commence;
4. "delivery" shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;
5. "firm" shall mean service not subject to curtailment or interruption except under Articles XI and XII of this Schedule "A";
6. "gas" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;
7. "gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;
8. "interruptible service" shall mean service subject to curtailment or interruption, after notice, at any time;
9. "Interconnecting Pipeline" shall mean a pipeline that directly connects to the Union pipeline system;
10. "joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;
11. "limited interruptible service" shall mean gas service subject to interruption or curtailment on a limited number of days as specified in the Contract;
12. "m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;
13. "month" shall mean the period beginning at 9:00 a.m. Central Standard time on the first day of a calendar month and ending at 9:00 a.m. Central Standard time on the first day of the following calendar month;
14. "OEB" means the Ontario Energy Board;
15. "pascal" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" (kPa) shall mean 1,000 pascals;
16. "receipt" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;
17. "Shipper" shall have the meaning as defined in the Contract and shall also include Shipper's agent(s);

## **SCHEDULE "A"**

18. "TCPL" means TransCanada PipeLines Limited;
19. "cricondenth therm hydrocarbon dewpoint" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;
20. "hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;
21. "specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
22. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity.

### **II. GAS QUALITY**

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to or interference with the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenth therm hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.

## **SCHEDULE "A"**

3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's M12 Rate Schedule.

### **III. MEASUREMENTS**

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

### **IV. RECEIPT POINT AND DELIVERY POINT**

1. Unless otherwise specified in the Contract, the point or points of receipt for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where Union takes possession of the gas.
2. Unless otherwise specified in the Contract, the point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection as specified in the Contract where Shipper takes possession of the gas.

### **V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

*Intentionally blank*

### **VI. FACILITIES ON SHIPPER'S PROPERTY**

## **SCHEDULE "A"**

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Union's Parkway Point of Delivery, or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

## **VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by their regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing redeliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.

## **SCHEDULE "A"**

6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

### **VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the 10th day of each month for all services furnished during the preceding month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the 10th day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.

### **IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a business day, then payment must be received in Union's account on the first business day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment.
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend service(s) until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend service(s) because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing paragraph(s), Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such

## **SCHEDULE "A"**

overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "bill" next following shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within six (6) years from the date of the incorrect billing. In the event any refund is issued with Shipper's gas bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

### **X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act of the Province of Ontario, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

### **XI. FORCE MAJEURE**

1. The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.



## **SCHEDULE "A"**

5. An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the M12 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

## **XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI hereof) which has not been waived by the other party, then and in every such case and as often as the same may happen, the Non-defaulting party may give written notice to the Defaulting party requiring it to remedy such default and in the event of the Defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the Non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

## **XIII. MODIFICATION**

Subject to Union's M12 Rate Schedule, Schedule A, Article XV and the ability of Union to amend the M12 Rate Schedule with the approval of the OEB, no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

## **XIV. NON-WAIVER AND FUTURE DEFAULT**

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**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**RATE M12  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Authorized Overrun"** shall mean the amount by which Shipper's Authorized Quantity exceeds the Contract Demand;

**"Available Capacity"** shall mean at any time, Union's remaining available capacity to provide Transportation Services;

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

**"cricondenthem hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"delivery"** shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"Expansion Facilities"** shall mean any new facilities to be constructed by Union in order to provide Transportation Services;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

**"gas"** shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

**"gross heating value"** shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

**"hydrocarbon dewpoint"** shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

**"Interruptible Service HUB Contract"** shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

**"interruptible service"** or **"Interruptible"** shall mean service subject to curtailment or interruption, after notice, at any time;

**"Interconnecting Pipeline"** shall mean a pipeline that directly connects to the Union pipeline system;

**"joule"** (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term **"megajoule"** (MJ) shall mean 1,000,000 joules. The term **"gigajoule"** (GJ) shall mean 1,000,000,000 joules;

**"Loaned Quantities"** shall mean those quantities of gas loaned to Shipper under the Facilitating Agreement;

**"m<sup>3</sup>"** shall mean cubic metre of gas and **"10<sup>3</sup>m<sup>3</sup>"** shall mean 1,000 cubic metres of gas;

**"Month"** shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

**"NAESB"** shall mean North American Energy Standards Board;

**"OEB"** means the Ontario Energy Board;

**"Open Season"** or **"open season"** shall mean an open access auction or bidding process held by Union as a method of allocating capacity;

**"pascal"** (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term **"kilopascal"** (kPa) shall mean 1,000 pascals;

**"receipt"** shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;

**"Shipper"** shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

**"specific gravity"** shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Taxes"** shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

**"TCPL"** means TransCanada PipeLines Limited;

**"Wobbe Number"** shall mean gross heating value of the gas divided by the square root of its specific gravity.

## **II. GAS QUALITY**

1. **Natural Gas:** The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. **Freedom from objectionable matter:** The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,

- b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.
3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's M12 Rate Schedule.

### **III. MEASUREMENTS**

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
- a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

**IV. RECEIPT POINT AND DELIVERY POINT**

1. Unless otherwise specified in the Contract, the point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where possession of the gas changes from one party to the other, and as per Schedule "D 2010".

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Parkway (TCPL), or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.

## **SCHEDULE "A 2010"**

4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

## **VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Transportation Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled in any of the Transportation Services to Shipper, the parties shall have the right to amend their statement for a period equal to the time during which the Interconnecting Pipeline retains the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

## **IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,

- a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
- b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.
4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.
5. Set Off: If either party shall, at any time, be in arrears under any of its payment obligations to the other party under the Contract, then the party not in arrears shall be entitled to reduce the amount payable by it to the other party in arrears under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to the other party. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract or any enhancement to the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.

**X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.



**XI. FORCE MAJEURE**

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the M12 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Proration of Firm Transportation Service: If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by

multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

**XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. ALLOCATION OF CAPACITY**

1. Requests for Transportation Service: A potential shipper may request firm transportation service on Union's system at any time. Any request for firm M12 transportation service must include: potential shipper's legal name, Receipt Point(s), Delivery Point(s), Commencement Date, Initial Term, Contract Demand and proposed payment. This is applicable for M12 service requests for firm transportation service with minimum terms of ten (10) years where Expansion Facilities are required or a minimum term of five (5) years for use of existing capacity.
2. Expansion Facilities: If requests for firm transportation services cannot be met through existing capacity such that the only way to satisfy the requests for transportation service would require the construction of Expansion Facilities which create new capacity, Union shall allocate any such new capacity by open season, subject to the terms of the open season, and these General Terms and Conditions.

3. Open Seasons: If requests for long-term firm transportation service can be met through existing facilities upon which long-term capacity is becoming available, Union shall allocate such long-term capacity by open season, subject to the terms of the open season, and these General Terms and Conditions. "**Long-term**", for the purposes of this Article XVI, means, in the case of a transportation service, a service that has a term of one year or greater.
4. Awarding Open Season Capacity: Capacity requests received during an open season shall be awarded starting with those bids with the highest economic value. If the economic values of two or more independent bids are equal, then service shall be allocated on a pro-rata basis. The economic value shall be based on the net present value which shall be calculated based on the proposed per-unit rate and the proposed term of the contract and without regard to the proposed Contract Demand ("**NPV**").
5. Available Capacity Previously Offered in Open Season: Union may at any time allocate capacity to respond to any M12 transportation service request through an open season. If a potential shipper requests M12 transportation service that can be provided through Available Capacity that was previously offered by Union in an open season but was not awarded, then:
  - a. Any such request must conform to the requirements of Section 1 of this Article XVI;
  - b. Union shall allocate capacity to serve such request pursuant to this Section 5, and subject to these General Terms and Conditions and Union's standard form M12 transportation contract;
  - c. Union may reject a request for M12 transportation service for any of the following reasons:
    - i) if there is insufficient Available Capacity to fully meet the request, but if that is the only reason for rejecting the request for service, Union must offer to supply the Available Capacity to the potential shipper;
    - ii) if the proposed monthly payment is less than Union's Monthly demand charge plus fuel requirements for the applicable service;
    - iii) if prior to Union accepting the request for transportation service Union receives a request for transportation service from one or more other potential shippers and there is, as a result, insufficient Available Capacity to service all the requests for service, in which case Union shall follow the procedure in Section 5 d hereof; -
    - iv) if Union does not provide the type of transportation service requested; or
    - v) if all of the conditions precedent specified in Article XXI Sections 1 and 2 herein have not been satisfied or waived.
  - d. Union will advise the potential shipper in writing whether Union accepts or rejects the request for service, subject to Article XVI 5 c, within 5 calendar days of receiving a request for M12 transportation service. If Union rejects a request for service, Union shall inform the potential shipper of the reasons why its request is being rejected; and
  - e. If Union has insufficient Available Capacity to service all pending requests for transportation service Union may:
    - i) Reject all the pending requests for transportation service and conduct an open season; or
    - ii) Union shall inform all the potential shippers who have submitted a pending request for transportation service that it does not have sufficient capacity to service all pending requests for service, and Union shall provide all such potential shippers with an equal opportunity to submit a revised request for service. Union shall then allocate the Available Capacity to the request for transportation service with the highest economic value to Union. If the economic values of two or more requests are equal, then service shall be allocated on a pro-rata basis. The economic value of any request shall be based on the NPV.

**XVII. RENEWALS**

Contracts with an Initial Term of five (5) years or greater will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper may reduce the Contract Demand or terminate the Contract with notice in writing by Shipper at least two (2) years prior to the expiration thereof.

## **XVIII. SERVICE CURTAILMENT**

1. Right to Curtail: Union shall have the right to curtail or not to schedule part or all of Transportation Services, in whole or in part, on all or a portion of its pipeline system at any time for reasons of Force Majeure or when, in Union sole discretion, acting reasonably, capacity or operating conditions so require or it is desirable or necessary to make modifications, repairs or operating changes to its pipeline system. Union shall provide Shipper such notice of such curtailment as is reasonable under the circumstances. If due to any cause whatsoever Union is unable to receive or deliver the quantities of Gas which Shipper has requested, then Union shall order curtailment by all Shippers affected and to the extent necessary to remove the effect of the disability. Union has a priority of service policy to determine the order of service curtailment. In order to place services on the priority of service list, Union considers the following business principles: appropriate level of access to core services, customer commitment, encouraging appropriate contracting, materiality, price and term, and promoting and enabling in-franchise consumption.

The Priority ranking for all services utilizing Union Gas' storage, transmission and distribution system as applied to both in-franchise and ex-franchise services are as follows; with number 1 having the highest priority and the last interrupted.

1. Firm In-franchise Transportation and Distribution services and firm Ex-franchise services (Note 1)
2. In-franchise Interruptible Distribution services
3. C1/M12 IT Transport and IT Exchanges with Take or Pay rates
4. Balancing (Hub Activity) < = 100 GJ/d; Balancing (Direct Purchase) < = 500 GJ/d; In-franchise distribution authorized overrun (Note 3)
5. C1/M12 IT Transport and IT Exchanges at premium rates
6. C1/M12 Overrun < = 20% of CD (Note 4)
7. Balancing (Direct Purchase) > 500 GJ/d
8. Balancing (Hub Activity) > 100 GJ/d; C1/M12 IT Transport and IT Exchanges
9. C1/M12 Overrun > 20% of CD
10. C1/M12 IT Transport and IT Exchanges at a discount
11. Late Nominations

Notes:

1. Nominated services must be nominated on the NAESB Timely Nomination Cycle otherwise they are considered to be late nomination and are therefore interruptible.
  2. Higher value or more reliable IT is contemplated in the service and contract, when purchase at market competitive prices.
  3. Captures the majority of customers that use Direct Purchase balancing transactions.
  4. Captures the majority of customers that use overrun.
2. Capacity Procedures: Union reserves the right to change its procedures for sharing interruptible capacity and will provide Shipper with two (2) months prior notice of any such change.
  3. Maintenance: Union's facilities from time to time may require maintenance or construction. If such maintenance or construction is required, and in Union's sole opinion, acting reasonably, such maintenance or construction may impact Union's ability to meet Shipper's requirements, Union shall provide at least ten (10) days notice to Shipper, except in the case of an emergency. In the event the maintenance impacts Union's ability to meet Shipper's requirements, Union shall not be liable for any damages and shall not be deemed in breach of the Contract. To the extent that Union's ability to accept and/or deliver Shipper's gas is impaired, the Monthly demand charge shall be reduced in accordance with Article XI Section 8 and available capacity allocated in accordance with Article XI Section 9 herein.

Union shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Union will endeavour to schedule and complete the maintenance and construction, which would normally be expected to impact on Union's ability to meet Shipper's requirements, during the period from April 1 through to November 1.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security) (if any) shall remain in place throughout the term hereof, unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract as a result of one of the following events ("**Material Event**");
  - a. Shipper is in default, which default has not been remedied, of the Contract or is in default of any other material contract with Union or another party; or,
  - b. Shipper's corporate or debt rating falls below investment grade according to at least one nationally recognized rating agency; or,
  - c. Shipper ceases to be rated by a nationally recognized agency; or,
  - d. Shipper has exceeded credit available as determined by Union from time to time,

then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "**Security**"). The Security plus the Initial Financial Assurances shall not exceed twelve (12) months of Monthly demand charges (in accordance with Article IX herein) multiplied by Contract Demand. In the event that Shipper does not provide to Union such Security within such fourteen (14) day period, Union may deem a default under the Default and Termination provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

**XX. MISCELLANEOUS PROVISIONS**

1. Permanent Assignment: Shipper may assign the Contract to a third party ("Assignee"), up to the Contract Demand, (the "Capacity Assigned"). Such assignment shall require the prior written consent of Union and release of obligations by Union for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Temporary Assignment: Shipper may, upon notice to Union, assign all or a part of its service entitlement under the Contract (the "Assigned Quantity") and the corresponding rights and obligations to an Assignee on a temporary basis for not less than one calendar month. Such assignment shall not be unreasonably withheld and shall be conditional upon the Assignee executing the Facilitating Agreement as per Article XXI herein. Notwithstanding such assignment, Shipper shall remain obligated to Union to perform and observe the covenants and obligations contained herein in regard to the Assigned Quantity to the extent that Assignee fails to do so.
3. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

**XXI. PRECONDITIONS TO TRANSPORTATION SERVICES**

1. Union Conditions: The obligations of Union to provide Transportation Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Transportation Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the transportation Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Transportation Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract; and,
  - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
  - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, and d and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

**RATE M12  
NOMINATIONS**

- a) For Services provided either under this rate schedule or referenced to this rate schedule:
- i) For Services required on any day Shipper shall provide Union with details regarding the quantity it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
  - ii) All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
  - iii) For customers electing firm all day transportation service, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
- b) Union shall determine whether or not all or any portion of the Nomination will be accepted. In the event Union determines that it will not accept such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantity Available**") for Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a "**Revised Nomination**" to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantity Available, then the Revised Nomination shall be deemed to be the Quantity Available. If the Revised Nomination (delivered within the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
- c) That portion of a Shipper's Nomination or Revised Nomination, as set out in (a) and (b), above, which Union shall accept for Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
- d) If on any day the actual quantities handled by Union, for each of the Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Services exceed Shipper's Authorized Quantity, such excess shall be deemed "**Unauthorized Overrun**".
- e) The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20) of the quantity received for that day. Union shall have the right to limit Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20) of the quantity handled for that day, for each applicable Service.
- f) A nomination for a daily quantity of gas on any day shall remain in effect and apply to subsequent days unless and until Union receives a new nomination from Shipper or unless Union gives Shipper written notice that it is not acceptable in accordance with either (a) or (b) of this schedule.
- g) Except for periods of gas or quantity balancing as provided in the Contract, nominations by Shipper for deliveries to Union and redeliveries by Union shall be the same delivery of gas by Union either to Shipper or a Shipper's Account with Union.

**RATE M12  
NOMINATIONS**

1. For Transportation Services required on any Day under the Contract, Shipper shall provide Union with details regarding the quantity of Gas it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
2. All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
3. Union shall determine whether or not all or any portion of the Nomination will be scheduled at each nomination cycle. With respect to each nomination cycle, in the event Union determines that it will not schedule such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantities Available**") for Transportation Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union, but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a revised nomination ("**Revised Nomination**") to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantities Available, then the Revised Nomination shall be deemed to be the Quantities Available. If the Revised Nomination (delivered with the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
4. For Shippers electing firm all day transportation service, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
5. For Transportation Services requiring Shipper to provide compressor fuel in kind, the nominated fuel requirements will be calculated by rounding to the nearest whole GJ.
6. All Timely Nominations shall have rollover options. Specifically, Shippers shall have the ability to nominate for several days, months or years, provided the Nomination start date and end date are both within the term of the Transportation Agreement.
7. Nominations received after the nomination deadline shall, if accepted by Union, be scheduled after Nominations received before the nomination deadline.
8. All Services are required to be nominated in whole Gigajoules (GJ).
9. To the extent Union is unable to complete a Nomination confirmation due to inaccurate, untimely or incomplete data involving an Interconnecting Pipeline entity, Union shall undertake reasonable efforts to confirm the transaction on a non-discriminatory basis until such time that the transaction is adequately verified by the parties, or until such time that Union determines that the Nomination is invalid at which time the Union shall reject the Nomination.
10. That portion of a Shipper's Nomination or Revised Nomination, as set out in paragraphs 1 and 3 above, which Union shall schedule for Transportation Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
11. If on any day the actual quantities handled by Union, for each of the Transportation Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Transportation



**SCHEDULE "B 2010"**

Services exceed Shipper's Authorized Quantity shall be deemed "**Unauthorized Overrun**".

12. The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20<sup>th</sup>) of the quantity received for that day. Union shall have the right to limit Transportation Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20<sup>th</sup>) of the quantity handled for that day, for each applicable Transportation Service.
13. The parties hereto recognize that with respect to Transportation Services, on any day, receipts of gas by Union and deliveries of gas by Union may not always be exactly equal, but each party shall cooperate with the other in order to balance as nearly as possible the quantities transacted on a daily basis, and any imbalances arising shall be allocated to the Facilitating Agreement and shall be subject to the respective terms and charges contained therein, and shall be resolved in a timely manner.
14. Shipper may designate via *Unionline* access request form, a third party as agent for purposes of providing a Nomination, and for giving and receiving notices related to Nominations, and Union shall only accept nominations from the agent. Any such designation, if acceptable to Union, shall be effective following the receipt and processing of the written notice and will remain in effect until revoked in writing by Shipper.

**SCHEDULE "C"****UNION GAS LIMITED****M12 Monthly Transportation Fuel Ratios and Fuel Rates**

Firm or Interruptible Transportation Commodity

Effective January 1, 2018

Month	VT1 Easterly Dawn to Parkway (TCPL), Parkway (EGT) With Dawn Compression		VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression		M12-X Westerly Kirkwall to Dawn	
	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate
	(%)	(\$/GJ)	(%)	(\$/GJ)	(%)	(\$/GJ)
April	0.879	0.031	0.546	0.019	0.158	0.006
May	0.626	0.022	0.373	0.013	0.158	0.006
June	0.523	0.018	0.275	0.010	0.158	0.006
July	0.508	0.018	0.262	0.009	0.158	0.006
August	0.405	0.014	0.159	0.006	0.158	0.006
September	0.401	0.014	0.159	0.006	0.158	0.006
October	0.750	0.026	0.461	0.016	0.158	0.006
November	0.894	0.031	0.624	0.022	0.158	0.006
December	1.012	0.036	0.743	0.026	0.158	0.006
January	1.166	0.041	0.882	0.031	0.158	0.006
February	1.107	0.039	0.831	0.029	0.158	0.006
March	1.033	0.036	0.742	0.026	0.158	0.006

  

Month	M12-X Easterly Kirkwall to Parkway (TCPL), Parkway (EGT)		M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)		M12-X Westerly Parkway to Kirkwall, Dawn	
	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate
	(%)	(\$/GJ)	(%)	(\$/GJ)	(%)	(\$/GJ)
April	0.491	0.017	0.158	0.006	0.301	0.011
May	0.411	0.014	0.158	0.006	0.301	0.011
June	0.406	0.014	0.158	0.006	0.301	0.011
July	0.404	0.014	0.158	0.006	0.301	0.011
August	0.404	0.014	0.158	0.006	0.301	0.011
September	0.400	0.014	0.158	0.006	0.301	0.011
October	0.448	0.016	0.158	0.006	0.301	0.011
November	0.427	0.015	0.158	0.006	0.158	0.006
December	0.428	0.015	0.158	0.006	0.158	0.006
January	0.442	0.016	0.158	0.006	0.158	0.006
February	0.434	0.015	0.158	0.006	0.158	0.006
March	0.449	0.016	0.158	0.006	0.158	0.006

**SCHEDULE "C"****UNION GAS LIMITED****M12 Monthly Transportation Authorized Overrun Fuel Ratios and Fuel Rates**

Firm or Interruptible Transportation Commodity

Effective January 1, 2018

Month	VT1 Easterly Dawn to Parkway (TCPL), Parkway (EGT) With Dawn Compression		VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression		M12-X Westerly Kirkwall to Dawn	
	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate
	(%)	(\$/GJ)	(%)	(\$/GJ)	(%)	(\$/GJ)
April	1.499	0.175	1.166	0.163	0.778	0.178
May	1.246	0.166	0.993	0.157	0.778	0.178
June	1.143	0.162	0.895	0.154	0.778	0.178
July	1.128	0.162	0.882	0.153	0.778	0.178
August	1.025	0.158	0.779	0.150	0.778	0.178
September	1.021	0.158	0.779	0.150	0.778	0.178
October	1.371	0.170	1.081	0.160	0.778	0.178
November	1.514	0.175	1.244	0.166	0.778	0.178
December	1.632	0.180	1.363	0.170	0.778	0.178
January	1.786	0.185	1.502	0.175	0.778	0.178
February	1.727	0.183	1.451	0.173	0.778	0.178
March	1.653	0.180	1.362	0.170	0.778	0.178

  

Month	M12-X Easterly Kirkwall to Parkway (TCPL), Parkway (EGT)		M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)		M12-X Westerly Parkway to Kirkwall, Dawn	
	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate	Fuel Ratio	Fuel Rate
	(%)	(\$/GJ)	(%)	(\$/GJ)	(%)	(\$/GJ)
April	1.111	0.190	0.778	0.178	0.921	0.183
May	1.031	0.187	0.778	0.178	0.921	0.183
June	1.026	0.187	0.778	0.178	0.921	0.183
July	1.024	0.187	0.778	0.178	0.921	0.183
August	1.024	0.187	0.778	0.178	0.921	0.183
September	1.020	0.187	0.778	0.178	0.921	0.183
October	1.068	0.189	0.778	0.178	0.921	0.183
November	1.047	0.188	0.778	0.178	0.778	0.178
December	1.048	0.188	0.778	0.178	0.778	0.178
January	1.062	0.188	0.778	0.178	0.778	0.178
February	1.054	0.188	0.778	0.178	0.778	0.178
March	1.069	0.189	0.778	0.178	0.778	0.178

**RATE M12**  
**RECEIPT AND DELIVERY POINTS AND PRESSURES**

1. Receipt and Delivery Points:

The following defines each Receipt Point and/or Delivery Point, as indicated (R= Receipt Point; D= Delivery Point)

R,D	<b><u>DAWN (FACILITIES):</u></b>	Union's Compressor Station site situated in the northwest corner of Lot Twenty-Five (25), Concession II, in the Township of Dawn-Euphemia, in the County of Lambton. This point is applicable for quantities of gas that have been previously transported or stored under other contracts that Shipper may have in place with Union.
R	<b><u>DAWN (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Dawn (Facilities).
R	<b><u>DAWN (TECUMSEH):</u></b>	At the junction of Union's and Enbridge Gas Distribution Inc.'s (Enbridge) Tecumseh Gas Storage's facilities, at or adjacent to Dawn (Facilities).
R	<b><u>DAWN (TSLE):</u></b>	At the junction of Union's and Enbridge Gas Distribution Inc.'s (" <b>Enbridge</b> ") NPS 16 Tecumseh Sombra Line Extension facilities; at or adjacent to Dawn (Facilities).
R	<b><u>DAWN (VECTOR):</u></b>	At the junction of Union's and Vector Pipeline Limited Partnership (" <b>Vector</b> ") facilities, at or adjacent to Dawn (Facilities).
R,D	<b><u>PARKWAY (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Union's facilities situated in the Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga).
R,D	<b><u>KIRKWALL:</u></b>	At the junction of Union's and TCPL's facilities at or adjacent to Union's facilities situated in Part Lot Twenty-Five (25), Concession 7, Town of Flamborough.
D	<b><u>PARKWAY (CONSUMERS):</u></b>	At the junction of Union's and Enbridge's facilities, at or adjacent to Union's facilities situated in Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga).
D	<b><u>PARKWAY (EGT):</u></b>	At the junction of Union's and Enbridge's facilities, at or adjacent to Union's facilities situated in Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga).
D	<b><u>LISGAR:</u></b>	At the junction of the facilities of Union and Enbridge situated at 6620 Winston Churchill Boulevard, City of Mississauga.

2. Receipt and Delivery Pressures:

(a) All Gas tendered by or on behalf of Shipper to Union shall be tendered at the Receipt Point(s) at Union's prevailing pressure at that Receipt Point, or at such pressure as per operating agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(b) All Gas tendered by or on behalf of Union to Shipper shall be tendered at the Delivery Point(s) at Union's prevailing pressure at that Delivery Point or at such pressure as per agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(c) Under no circumstances shall Union be obligated to receive or deliver gas hereunder at pressures exceeding the maximum allowable operating pressures prescribed under any applicable governmental regulations; nor shall Union be required to make any physical deliveries or to accept any physical receipts which its existing facilities cannot accommodate.



Effective  
2018-01-01  
Rate M13  
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## TRANSPORTATION OF LOCALLY PRODUCED GAS

### (A) Applicability

The charges under this rate schedule shall be applicable to a customer who enters into a contract with Union for gas received at a local production point to be transported to Dawn.

#### Applicable Points

Dawn as a delivery point: Dawn (Facilities).

### (B) Rates

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Demand Commodity

	Demand Charge Rate/Month	Commodity Charge Rate/GJ	Union Supplied Fuel Fuel and Commodity Charge Rate/GJ	Shipper Supplied Fuel Fuel Ratio %	AND	Commodity Charge Rate/GJ
1. Monthly fixed charge per Customer Station	\$957.58					
2. Transmission Commodity Charge		\$0.035				
3. Delivery Commodity Charge			\$0.006	0.158%		
4. Cap-and-Trade Facility-Related Charge (applied to all quantities transported)			\$0.006			\$0.006

These charges are in addition to the transportation, storage and/or balancing charges which shall be paid for under Rate M12 or Rate C1, or other services that may be negotiated.

5. Overrun Services

#### Authorized Overrun

Authorized overrun will be payable on all quantities transported in excess of Union's obligation on any day. The overrun charges payable will be calculated at the identified authorized overrun charge. Overrun will be authorized at Union's sole discretion.

	Union Supplied Fuel Fuel and Commodity Charge Rate/GJ	Shipper Supplied Fuel Fuel Ratio %	AND	Commodity Charge Rate/GJ
Authorized Overrun Charge	\$0.135	0.158%		\$0.130
Cap-and-Trade Facility-Related Charge (applied to all quantities transported)	\$0.006			\$0.006

#### Unauthorized Overrun

Authorized Overrun rates payable on all volumes up to 2% in excess of Union's contractual obligation.

The Unauthorized Overrun rate during the November 1 to April 15 period will be \$50 per GJ for all usage on any day in excess of 102% of Union's contractual obligation. The Unauthorized Overrun rate during the April 16 to October 31 period will be \$9.373 per GJ for all usage on any day in excess of 102% of Union's contractual obligation.

### (C) Terms of Service

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2013" for contracts in effect on or after January 1, 2013.

Effective January 1, 2018  
Implemented February 1, 2018  
O.E.B. Order # EB-2017-0087  
Chatham, Ontario

Supersedes EB-2017-0351 Rate Schedule effective January 1, 2018.

**RATE M13  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Aid to Construction"** shall include any and all costs, expenses, amounts, damages, obligations, or other liabilities (whether of a capital or operating nature, and whether incurred before or after the date of the Contract) actually paid by Union (including amounts paid to affiliates for services rendered in accordance with the Affiliate Relationships Code as established by the OEB) in connection with or in respect of satisfying the conditions precedent set out in Article XXI herein (including without limitation the cost of construction, installation and connection of any required meter station as described in Article IX, Section 6, the obtaining of all governmental, regulatory and other third party approvals, and the obtaining of rights of way) whether resulting from Union's negligence or not, except for any costs that have arisen from the gross negligence, fraud, or wilful misconduct of Union;

**"Average Local Producer Heat" ("ALPH")** shall mean the heat content value as set by Union, and shall be determined by volumetrically averaging the gross heat content of all produced gas delivered to the Union system by Ontario Local Producers. The ALPH shall be expressed in GJ/10<sup>3</sup>m<sup>3</sup> and may be adjusted from time to time by Union;

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

**"cricondenthem hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Dawn Quantity"** shall mean the total daily quantity of gas in GJ delivered at Dawn (Facilities), which is equal to the total energy of all gas supplied daily to Union at the Receipt Point(s). The Dawn Quantity shall be calculated utilizing the following factor equation: Dawn Quantity = Produced Volume x ALPH;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"Delivery Point"** shall mean the point where Union shall deliver the Dawn Quantity and/or Market Quantity to Shipper and as further defined in Schedule 1 of the Contract;

**"Distribution Demand"** shall mean the varying demand for the supply of gas, as determined by Union, on Union's pipeline and distribution system for users of gas who are supplied or delivered gas by Union's pipeline and distribution system;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

**"Firm Daily Variability Demand"** shall mean the established quantity set forth in Schedule 2 of the Contract, which is the

permitted difference between the Dawn Quantity and the Market Quantity;

"**gas**" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

"**gross heating value**" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

"**hydrocarbon dewpoint**" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

"**Interruptible Service HUB Contract**" shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

"**Interconnecting Pipeline**" shall mean a pipeline that directly connects to the Union pipeline and distribution system;

"**joule**" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "**megajoule**" (MJ) shall mean 1,000,000 joules. The term "**gigajoule**" (GJ) shall mean 1,000,000,000 joules;

"**m<sup>3</sup>**" shall mean cubic metre of gas and "**10<sup>3</sup>m<sup>3</sup>**" shall mean 1,000 cubic metres of gas;

"**MAOP**" shall mean the maximum allowable operating pressure of Union's pipeline and distribution system and as further defined in Schedule 1 of the Contract;

"**Market Quantity**" shall mean the daily quantity in GJ nominated for Name Change Service that Day by Shipper at Dawn (Facilities);

"**Maximum Daily Quantity**" shall mean the maximum quantity of gas Shipper may deliver to Union at a Receipt Point on any Day, as further defined in Schedule 1;

"**Month**" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"**Name Change Service**" shall mean an interruptible administrative service whereby Union acknowledges for Shipper a change in title of a gas quantity from Shipper to a third party at the Delivery Point;

"**OEB**" means the Ontario Energy Board;

"**pascal**" ("**Pa**") shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "**kilopascal**" ("**kPa**") shall mean 1,000 pascals;

"**Produced Volume**" shall mean the aggregate of all actual volumes of gas in 10<sup>3</sup>m<sup>3</sup>, delivered by Shipper to Union at all Receipt Points on any Day;

"**Producer Balancing Account**" shall mean the gas balance held by Union for Shipper, or owed by Shipper to Union, at the Delivery Point. Where the Producer Balancing Account is zero or a positive number, the account is in a credit position, and where the Producer Balancing Account is less than zero, the account is in a debit position;

"**Producer Balancing Service**" shall mean a Service whereby Union either calculates a credit or debit to the Producer Balancing Account by subtracting the Market Quantity from the Dawn Quantity. Where such amount is greater than zero, Union will credit the Producer Balancing Account, or where such amount is less than zero, Union will debit the Producer Balancing Account. This Service shall be performed on a retroactive basis on the terms and conditions contained in Schedule 2 of the Contract, as may be revised from time to time by Union;

"**Receipt Point**" shall mean the point(s) where Union shall receive gas from Shipper;



**"Sales Agreement"** shall mean the Ontario Gas Purchase Agreement(s) entered into between Shipper and Union;

**"Shipper"** shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

**"specific gravity"** shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"System Capacity"** shall mean the volumetric capacity that exists from time to time within Union's pipeline and distribution system which determines Union's ability to accept volumes of gas into Union's pipeline and distribution system hereunder. System Capacity shall be determined by Union and such determination, in addition to the physical characteristics of Union's pipeline and distribution system Distribution Demand, shall also include consideration of Union's local Distribution Demand, Union's total system Distribution Demand, availability of Union's gas storage capacity, and other gas being purchased and/or delivered into Union's pipeline and distribution system;

**"Taxes"** shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

**"Wobbe Number"** shall mean gross heating value of the gas divided by the square root of its specific gravity.

## **II. GAS QUALITY**

1. **Natural Gas:** The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. **Freedom from objectionable matter:** The gas to be delivered to Union at the Receipt Point(s) hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than one hundred (100) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point

forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas,

- k. shall not exceed forty-three degrees Celsius (43°C), and,
- l. shall not be odourized by Shipper.

3. **Non-conforming Gas:**

- a. In the event that the quality of the gas does not conform or if Union, acting reasonably, suspects the quality of the gas may not conform to the specifications herein, then Shipper shall, if so directed by Union acting reasonably, forthwith carry out, at Shipper's cost, whatever field testing of the gas quality as may be required to ensure that the quality requirements set out herein are met, and to provide Union with a certified copy of such tests. If Shipper does not carry out such tests forthwith, Union may conduct such test and Shipper shall reimburse Union for all costs incurred by Union for such testing.
- b. If Shipper's gas fails at any time to conform to the requirements of this Article II, Union, in addition to its other remedies, may refuse to accept delivery of gas at the Receipt Points hereunder until such deficiency has been remedied by Shipper. Each Party agrees to notify the other verbally, followed by written notification, of any such deficiency of quality.

4. **Quality of Gas Received:** The quality of the gas to be received by Union at the Receipt Point(s) hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will use reasonable efforts to accept gas of a quality that may deviate from the quality standards set out therein.

5. **Quality of Gas at Dawn:** The quality of the gas to be delivered to Union at Dawn (Facilities) or the gas to be delivered by Union to Shipper at Dawn (Facilities) hereunder is to be of a merchantable quality and in accordance with the quality standards and measurement standards as set out by Union in this Article II, except that total sulphur limit shall be not more than four hundred and sixty (460) milligrams per cubic metre of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.

**III. MEASUREMENTS**

1. **Service Unit:** The unit of the gas delivered to Union shall be a quantity of 10<sup>3</sup>m<sup>3</sup>. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.

2. **Determination of Volume and Energy:**

- a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
- b. The supercompressibility factor shall be determined in accordance with either the "**Manual for Determination of Supercompressibility Factors for Natural Gas**" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
- c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.

**IV. RECEIPT POINT AND DELIVERY POINT**

The point(s) of receipt and point of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in Schedule 1 of the Contract, where possession of the gas changes from one party to the other.

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

1. Meter Station: Union shall provide, at the Receipt Point(s), according to the terms hereunder, the meter station required to receive and measure the Produced Volume of gas received by Union from Shipper. Shipper agrees, if requested by Union, to provide Union with sufficient detailed information regarding Shipper's current and expected operations in order to aid Union in Union's design of the meter station.
2. Union Obligations: Pursuant to Article VI. Section 1 herein, Union shall purchase, install and maintain, at the Receipt Point(s):
  - a. a meter and any associated recording gauges as are necessary; and,
  - b. a suitable gas odourizing injection facility where Union deems such facility to be necessary.
3. Union Equipment: All equipment installed by Union at the Receipt Point(s) shall remain the property of Union at all times, notwithstanding the fact that it may be affixed to Shipper's property. Union shall be entitled to remove said equipment at any time within a period of sixty (60) days from any termination or expiry of the Contract. Shipper shall take all necessary steps to ensure Union may enter onto the Receipt Point(s) to remove such equipment for a period of sixty (60) days after termination or expiry of the Contract or the Sales Agreement.
4. Shipper Obligations: Upon Union's request Shipper shall, at Shipper's own cost and expense:
  - a. obtain a registered lease or freehold ownership at the Receipt Point(s) sufficient to provide Union with free uninterrupted access to, from, under and above the Receipt Point(s), for a term (and extended terms) identical to the Contract, plus sixty (60) days, and shall provide Union with a bona fide copy of such lease agreement prior to Union commencing the construction of the meter station;
  - b. furnish, install, set, and maintain suitable pressure and volume control equipment and such additional equipment as required on Shipper's delivery system, to protect against the overpressuring of Union's facilities, and to limit the daily flow of gas to the corresponding Maximum Daily Quantity applicable to the Receipt Point(s);
  - c. supply, install and maintain a gravel or cut stone covering on each Receipt Point and shall maintain such Receipt Point(s) in a safe and workmanlike manner; and,
  - d. install and maintain a fence satisfactory to Union around the perimeter of each Receipt Point which will adequately secure and protect Union's equipment therein.
5. Maintenance Costs: Shipper shall within thirty (30) days of the delivery of an invoice by Union, reimburse Union for any actual costs reasonably incurred by Union for any repair, replacement, relocation, or upgrading of any meter station

requested by Shipper, or as required by law, or by duly constituted regulatory body, or through good engineering practice. Union shall be responsible for any costs incurred by Union to correct an error made by Union.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas received or delivered hereunder is measured by a meter that is owned and operated by an upstream or downstream transporter (the "**Transporter**") whose facilities may or may not interconnect with Union's, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas received or delivered on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union pursuant to this Article VII, Section 2 shall be in accordance with the general terms and conditions as incorporated in that Transporter's gas tariff as approved by Transporter's regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Receipt Point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the Receipt Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
5. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.

**VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled in any of the Services to Shipper, the parties shall have the right to amend their statement for a period equal to the time during which the companies, that transport the gas contemplated herein for Union and Shipper, retain the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.
4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.
5. Set Off: If either party shall, at any time, be in arrears under any of its payment obligations to the other party under the Contract, then the party not in arrears shall be entitled to reduce the amount payable by it to the other party in arrears under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to the other party. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.
6. Station and Connection Costs: In the event that a meter station must be constructed and/or installed in order to give effect to the Contract, Shipper agrees to pay Union for a portion, as determined by Union, of Union's actual cost, as hereinafter defined, for constructing and installing such station. Shipper also agrees to pay the actual costs to connect such station to Union's pipeline and distribution system. Union shall advise Shipper as to the need for a meter station and shall provide Shipper with an estimate of the Aid to Construction. Such Aid to Construction shall include the costs of all pipe, fittings and materials, third party labour costs and Union's direct labour, labour saving devices, vehicles and

mobile equipment, but shall exclude the purchase costs of gas pressure control equipment and gas meters installed by Union.

**X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

**XI. FORCE MAJEURE**

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to

by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.

8. **Firm Daily Variability Demand Charge Relief:** Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the Firm Daily Variability Demand for that Contract, then for that Day the Monthly charge shall be reduced by an amount equal to the applicable Firm Daily Variability Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Firm Daily Variability Demand Rate**" shall mean the monthly Firm Daily Variability Demand charge as provided in Schedule 2 of the Contract, divided by the number of days in the month for which such rate is being calculated.

**XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

In the event that the Contract is terminated pursuant to this Article XII, the parties hereto agree that they shall continue to be bound only by the terms and conditions set forth in the Contract but only for the purpose of determining the actual quantities in Shipper's Producer Balancing Account with such determination being subject to Article X. Such extended period of time shall not exceed one (1) year from the date of termination of the Contract.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. RESERVED FOR FUTURE USE**

N/A

**XVII. RENEWALS**

The Contract will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter, subject to notice in writing by either party of termination at least three (3) months prior to the expiration thereof.

**XVIII. SERVICE CURTAILMENT**

1. Verbal Notice: Excepting instances of emergency, Shipper and Union agree to give at least twenty-four (24) hours verbal notice before a planned curtailment of receipt or delivery, shut-down or start-up.
2. Emergency: Shipper shall complete and maintain a plan which depicts all of the Shipper's gas production facilities including all emergency shut off valves and emergency equipment and provide a copy to Union upon Union's request. Shipper shall provide to Union the names and telephone numbers of those persons whom Union may contact in the event of an emergency situation arising within the Shipper's facilities.
3. Emergency Notice: In the event that Union is notified by a third party or if Union becomes aware of an emergency situation in which Shipper's gas production site, pipeline or associated equipment is involved, Union shall immediately notify Shipper or Shipper's representative of such emergency condition.
4. Right to Modify: Union shall have the right, at all times, to reconstruct or modify Union's pipeline and distribution system and the pressure carried therein, notwithstanding that such reconstruction or modification may reduce the System Capacity available to receive Shipper's gas, or Shipper's ability to deliver gas to Union. Should Union expect any such reconstruction or modification to reduce the delivery or receipt of gas by either party, Union will, where able, provide Shipper with six (6) months' notice or as much notice as is reasonably practical in the circumstances. Union shall use reasonable efforts to assist the Shipper in meeting its Market Quantity in these circumstances.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security), if any, shall remain in place throughout the term hereof unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances (including the Initial Financial Assurances and Security), if any, throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract for any reason (a "**Material Event**"), then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "**Security**"). In the event that Shipper does not provide to Union such Security, Union may deem a default in accordance with the provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

3. Licence: Shipper represents and warrants to Union that Shipper possesses a licence to produce gas in the Province of Ontario.



**XX. MISCELLANEOUS PROVISIONS**

1. Assignment: Shipper may assign the Contract to a third party ("**Assignee**"), up to the Maximum Daily Quantity, (the "**Capacity Assigned**"). Such assignment shall require the prior written consent of Union and release of obligations by Union for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

**XXI. PRECONDITIONS TO SERVICES**

1. Union Conditions: The obligations of Union to provide Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union; and,
  - e. Union shall, where applicable, have obtained all internal and external approvals including the governmental, regulatory and other approvals or authorizations required to construct any facilities necessary to provide the Services hereunder, which approvals and authorizations, if granted upon conditions, shall be conditions satisfactory to Union; and,
  - f. Union shall, where applicable, have completed and placed into service those facilities necessary to provide the Services hereunder; and,
  - g. Further to Article IX Section 6 herein, Shipper shall pay to Union a payment ("**First Prepayment**") towards the Aid to Construction at the time of the execution of this Agreement. Shipper shall pay a payment prior to installation of the meter station ("**Second Prepayment**"). The foregoing payments are specified in the attached Schedule 1 for the first meter station ("**Receipt Point #1**") to be installed under the Contract. Payments for additional meter stations will be handled by written mutual agreement between the parties. Shipper shall pay Union the difference if the actual Aid to Construction is more than the Prepayments, within thirty (30) days of the delivery of an invoice from Union on which the actual costs for construction and installation of facilities are stated. Union shall pay Shipper the difference if the actual Aid to Construction is less than the Prepayments. In the event Shipper terminates this Agreement prior to Union incurring any costs related to the construction, installation or connection of the meter station, Shipper's Prepayments shall be returned to Seller, without interest, within fifteen (15) days notice to Union of such termination by Shipper. In the event Union has incurred costs, as set out herein, relative to the construction, installation or connection of the meter station prior to being notified by Shipper of Shipper's intention to terminate the Agreement, Union shall deduct such actual costs from Union's return of Shipper's Prepayments. "**Prepayments**" shall mean the sum of the First Prepayment and the Second

Prepayment.

2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and,
  - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
  - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract; and,
  - d. Shipper shall have cancelled or renegotiated its Sales Agreement, on terms satisfactory to Union, as applicable.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, d, e, f, g, and Section 2 a, b, and d. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, or if any of the Shipper payments required under the condition precedent in this Article XXI Section 1 g have not been paid as required in such section, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

STORAGE AND TRANSPORTATION SERVICES TRANSPORTATION CHARGES

**(A) Availability**

The charges under this rate schedule shall be applicable for transportation service rendered by Union for all quantities transported to and from embedded storage pools located within Union's franchise area and served using Union's distribution and transmission assets.

Applicable Points

Dawn as a receipt point: Dawn (Facilities).  
Dawn as a delivery point: Dawn (Facilities).

**(B) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

a) Charges Applicable to both Firm and/or Interruptible Transportation Services:

Monthly Fixed Charge per customer station (\$ per month) (1)	\$1,523.40
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Transmission Commodity Charge to Dawn (\$ per GJ)	\$0.035
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Transportation Fuel:	Customers located East of Dawn	Customers located West of Dawn
Fuel Charges to Dawn		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.006	\$0.006
Fuel Ratio - Shipper supplied fuel (%)	0.158%	0.158%
Fuel Charges to the Pool		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.006	\$0.016
Fuel Ratio - Shipper supplied fuel (%)	0.185%	0.449%

b) Firm Transportation Demand Charges: (2)

Monthly Demand Charge applied to contract demand (\$ per GJ)	\$0.774	\$2.888
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c) Cap-and-Trade Facility-Related Charges (applied to all quantities transported):

Cap-and-Trade Facility-Related Charges - To Dawn (\$ per GJ)	\$0.006	\$0.006
Cap-and-Trade Facility-Related Charges - To the Pool (\$ per GJ)	\$0.006	\$0.006

**(B) Rates (Cont'd)**
Authorized Overrun:

The authorized overrun rate payable on all quantities transported in excess of Union's obligation any day shall be:

	Customers located East of Dawn	Customers located West of Dawn
Firm Transportation:		
Charges to Dawn		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.066	\$0.135
Commodity Rate - Shipper supplied fuel (\$ per GJ)	\$0.060	\$0.130
Fuel Ratio - Shipper supplied fuel (%)	0.158%	0.158%
Charges to the Pool		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.032	\$0.111
Commodity Rate - Shipper supplied fuel (\$ per GJ)	\$0.025	\$0.095
Fuel Ratio - Shipper supplied fuel (%)	0.185%	0.449%
Cap-and-Trade Facility-Related Charges (applied to all quantities transported):		
Cap-and-Trade Facility-Related Charges - To Dawn (\$ per GJ)	\$0.006	\$0.006
Cap-and-Trade Facility-Related Charges - To the Pool (\$ per GJ)	\$0.006	\$0.006

Overrun will be authorized at Union's sole discretion.

Unauthorized Overrun

Authorized Overrun rates payable on all transported quantities up to 2% in excess of Union's contractual obligation.

The Unauthorized Overrun rate during the November 1 to April 15 period will be \$50 per GJ for all usage on any day in excess of 102% of Union's contractual obligation. The Unauthorized Overrun rate during the April 16 to October 31 period will be \$9.373 per GJ for all usage on any day in excess of 102% of Union's contractual obligation.

Charges aforesaid in respect of any given month in accordance with General Terms & Conditions shall be payable no later than the twenty-fifth day of the succeeding month.

Notes for Section (B) Rates:

- (1) The monthly fixed charge will be applied once per month per customer station regardless of service being firm, interruptible or a combination thereof.
- (2) Demand charges will be applicable to customers firm daily contracted demand or the firm portion of a combined firm and interruptible service.

**(C) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A" for contracts in effect before October 1, 2010. The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2013" for contracts in effect on or after January 1, 2013.

## **SCHEDULE "A"**

### **GENERAL TERMS & CONDITIONS M16 TRANSPORTATION AGREEMENT**

#### **I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

1. "Banking Day" shall mean a day on which the general offices of the Canadian Imperial Bank of Commerce, 99 King St. W., Chatham, Ontario are open for business;
2. "business day" shall mean a day on which the general offices of Union in Chatham, Ontario are open for business;
3. "Contract" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;
4. "contract year" shall mean a period of three hundred and sixty-five (365) consecutive days, beginning on the day agreed upon by Union and Shipper as set forth in the Contract, or on any anniversary of such date; provided, however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days;
5. "day" shall mean a period of twenty-four (24) consecutive hours beginning at 9:00 a.m. Central Standard time. The reference date for any day shall be the calendar date upon which the twenty-four (24) hour period shall commence;
6. "month" shall mean the period beginning at 9:00 a.m. Central Standard time on the first day of a calendar month and ending at 9:00 a.m. Central Standard time on the first day of the following calendar month;
7. "firm" shall mean service not subject to curtailment or interruption except under Articles XI and XII of this Schedule "B";
8. "interruptible service" shall mean service subject to curtailment or interruption, after notice, at any time;
9. "gas" shall mean gas as defined in the Ontario Energy Board Act, R.S.O. 1980, c. 332, as amended, supplemented or reenacted from time to time;
10. "cubic metre" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
11. "m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;
12. "pascal" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" (kPa) shall mean 1,000 pascals;
13. "joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;
14. "gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;
15. "Shipper" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);
16. "subsidiary" means a company in which more than fifty (50) per cent of the issued share capital (having full voting

## **SCHEDULE "A"**

rights under all circumstances) is owned or controlled directly or indirectly by another company, by one or more subsidiaries of such other company, or by such other company and one or more of its subsidiaries;

17. "TCPL" means TransCanada PipeLines Limited;
18. "NOVA" means Gas Transmission Ltd.;
19. "Panhandle" means CMS Panhandle Eastern Pipeline Company;
20. "MichCon" means Michigan Consolidated Gas Company;
21. "SCPL" means St. Clair Pipelines (1996) Ltd.;
22. "OEB" means the Ontario Energy Board;
23. "NEB" means the National Energy Board (Canada);
24. "GLGT" means Great Lakes Gas Transmission Company;
25. "CMS" means CMS Gas Transmission and Storage Company;
26. "Consumers" means The Consumers' Gas Company, Limited;
27. "cricondenthm hydrocarbon dewpoint" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;
28. "hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;
29. "specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute; and,
30. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## **II. GAS QUALITY**

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to Union at the Receipt Point(s) hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than one hundred (100) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,

## SCHEDULE "A"

- d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas,
  - k. shall not exceed forty-three degrees Celsius (43°C), and,
  - l. shall not be odourized by Shipper.
3. Non-conforming Gas:
- a. In the event that the quality of the gas does not conform or if Union, acting reasonably, suspects the quality of the gas may not conform to the specifications herein, then Shipper shall, if so directed by Union acting reasonably, forthwith carry out, at Shipper's cost, whatever field testing of the gas quality as may be required to ensure that the quality requirements set out herein are met, and to provide Union with a certified copy of such tests. If Shipper does not carry out such tests forthwith, Union may conduct such test and Shipper shall reimburse Union for all costs incurred by Union for such testing.
  - b. If Shipper's gas fails at any time to conform to the requirements of this Article II, Union, in addition to its other remedies, may refuse to accept delivery of gas at the Receipt Points hereunder until such deficiency has been remedied by Shipper. Each Party agrees to notify the other verbally, followed by written notification, of any such deficiency of quality.
  - c. With respect to Article II 2. h. herein, Union may accept the gas subject to Shipper's obligations under the Dehydration Contract, if applicable.
4. Quality of Gas Received: The quality of the gas to be received by Union at the Receipt Point(s) hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II.
5. Quality of Gas at Dawn: The quality of the gas to be delivered to Union at Dawn (Facilities) or the gas to be delivered by Union to Shipper at Dawn (Facilities) hereunder is to be of a merchantable quality and in accordance with the quality standards and measurement standards as set out by Union in this Article II, except that total sulphur limit shall be not more than four hundred and sixty (460) milligrams per cubic metre of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
6. Odourization of Gas:
- a. Union may odourize or deliver odourized gas under the Contract,
  - b. Shipper shall if requested by Union monitor the mercaptan sulphur content of the gas delivered to Union under the Contract and shall provide at no cost to Union a continuous signal quantifying the mercaptan sulphur content in milligrams per cubic metre.

## III. MEASUREMENTS

## **SCHEDULE "A"**

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

## **IV. POINT OF RECEIPT AND POINT OF DELIVERY**

1. Unless otherwise specified in the Contract, the point or points of receipt for all gas to be covered thereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where Union takes possession of the gas. Whenever the phrase "receipt point" appears herein, it shall mean Point of Receipt as defined in this Article IV.
2. Unless otherwise specified in the Contract, the point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection as specified in the Contract, where Shipper takes possession of the gas. Whenever the phrase "delivery point" shall appear hereon, it shall mean Point of Delivery as defined in this Article IV.

## **V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

N/A

## **VI. FACILITIES ON SHIPPER'S PROPERTY**

N/A

## **VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of



## **SCHEDULE "A"**

measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.

3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Custody Transfer Point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the Custody Transfer Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

## **VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the 10th day of each month for all services furnished during the preceding month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding month's billing, an adjustment based on any difference between actual quantities and estimated quantities. If presentation of a bill to Shipper is delayed after the 10th day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.

## **IX. PAYMENTS**

## **SCHEDULE "A"**

1. **Monthly Payments:** Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a business day, then payment must be received in Union's account on the first business day preceding the twentieth (20<sup>th</sup>) day of the month.
2. **Remedies for Non-payment:** Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due, Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract may suspend service(s) until such amount is paid, provided however, that if Shipper, in good faith shall dispute the amount of any such bill or part thereof and shall pay to Union such amounts as it concedes to be correct and at any time thereafter within twenty (20) days of a demand made by Union shall furnish good and sufficient surety bond satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination which may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case, then Union shall not be entitled to suspend service(s) because of such non-payment unless and until default be made in the conditions of such bond or in payment for any further service(s) to Shipper hereunder.

Notwithstanding the foregoing paragraph, this does not relieve Shipper from the obligation to continue its deliveries of gas under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. **Billing Adjustments:** If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "bill" next following shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within six (6) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of invoice.

## **X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act of the Province of Ontario, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

## **XI. FORCE MAJEURE**

N/A

## **XII. DEFAULT AND TERMINATION**

N/A

**XIII. MODIFICATION**

N/A

**XIV. NONWAIVER AND FUTURE DEFAULT**

N/A

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**RATE M16  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Aid to Construction"** shall include any and all costs, expenses, amounts, damages, obligations, or other liabilities (whether of a capital or operating nature, and whether incurred before or after the date of the Contract) actually paid by Union (including amounts paid to affiliates for services rendered in accordance with the Affiliate Relationships Code as established by the OEB) in connection with or in respect of satisfying the conditions precedent set out in Article XXI herein (including without limitation the construction and placing into service of the Union Expansion Facilities, the obtaining of all governmental, regulatory and other third party approvals, and the obtaining of rights of way) whether resulting from Union's negligence or not, except for any costs that have arisen from the gross negligence, fraud, or wilful misconduct of Union;

**"Authorized Overrun"** shall mean the amount by which Shipper's Authorized Quantity exceeds the firm and interruptible contract demands;

**"Authorized Quantity"** shall have the meaning given thereto in Schedule "B 2010" of the C1 Rate Schedule;

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days, beginning on the Commencement Date or on any anniversary of such date; provided, however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days;

**"cricondentherm hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Custody Transfer Point"** That point on the piping system at the Pool Station which is at the Shipper side of the insulating flange on the Union Expansion Facilities, and which point shall serve as the point of custody transfer;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"Dehydration Contract"** shall mean the contract for Dehydration Service between Union and the Shipper as detailed in Schedule 1 of the Contract;

**"Delivery Point"** shall mean the point(s) where Union shall deliver gas to Shipper as defined in Schedule 1 of the Contract;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

**"gas"** shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c. 15, Sch. B, as amended, supplemented or re-enacted from time to time;

**"gross heating value"** shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

**"hydrocarbon dewpoint"** shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

**"Interconnecting Pipeline"** shall mean a pipeline that directly connects to the Union pipeline system;

**"Interruptible Service HUB Contract"** shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

**"interruptible"** shall mean service subject to curtailment or interruption, after notice, at any time;

**"joule"** (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term **"megajoule"** (MJ) shall mean 1,000,000 joules. The term **"gigajoule"** (GJ) shall mean 1,000,000,000 joules;

**"m<sup>3</sup>"** shall mean cubic metre of gas and **"10<sup>3</sup>m<sup>3</sup>"** shall mean 1,000 cubic metres of gas;

**"Month"** shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

**"OEB"** means the Ontario Energy Board;

**"pascal"** **"(Pa)"** shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term **"kilopascal"** **"(kPa)"** shall mean 1,000 pascals;

**"Pool Quantity"** shall mean the actual daily quantity of gas delivered to or received from Shipper at the Custody Transfer Point;

**"Pool Station"** shall mean the physical location of Union's measurement and control facilities to the pool; the pool name as detailed in Schedule 1 of the Contract;

**"Receipt Point"** shall mean any one of the points where Union shall receive gas from Shipper as detailed in Schedule 1 of the Contract;

**"Shipper"** shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

**"Shipper Quantity"** shall, on any Day, be equal to the greater of: (i) the Authorized Quantity for that Day; and (ii) the nomination duly made by Shipper in good faith prior to the nomination deadline for the first nomination window applicable for that Day; provided that in no event shall the Shipper Quantity exceed the firm contract demand;

**"specific gravity"** shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Taxes"** shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"TCPL" means TransCanada PipeLines Limited;

"**Union Expansion Facilities**" shall mean any facilities necessary for Union to provide the Services, including without limiting the generality of the foregoing:

- a. a meter and any associated recording gauges as are necessary;
- b. pressure and/or flow control devices, over pressure protection and telemetry equipment as are necessary;
- c. a suitable gas odourizing injection facility if Union deems such a facility to be necessary
- d. piping, fittings, material, filtration facilities, cathodic protection and insulating flanges;
- e. gas chromatograph, moisture analyzer, piping, fittings, material, filtration facilities, cathodic protection and insulating flanges;

"**Wobbe Number**" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## **II. GAS QUALITY**

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to Union at the Receipt Point(s) hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than one hundred (100) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one

point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas,

- k. shall not exceed forty-three degrees Celsius (43°C), and,
- l. shall not be odourized by Shipper.

3. **Non-conforming Gas:**

- a. In the event that the quality of the gas does not conform or if Union, acting reasonably, suspects the quality of the gas may not conform to the specifications herein, then Shipper shall, if so directed by Union acting reasonably, forthwith carry out, at Shipper's cost, whatever field testing of the gas quality as may be required to ensure that the quality requirements set out herein are met, and to provide Union with a certified copy of such tests. If Shipper does not carry out such tests forthwith, Union may conduct such test and Shipper shall reimburse Union for all costs incurred by Union for such testing.
- b. If Shipper's gas fails at any time to conform to the requirements of this Article II, Union, in addition to its other remedies, may refuse to accept delivery of gas at the Receipt Points hereunder until such deficiency has been remedied by Shipper. Each Party agrees to notify the other verbally, followed by written notification, of any such deficiency of quality.
- c. With respect to Article II 2. h. herein, Union may accept the gas subject to Shipper's obligations under the Dehydration Contract, if applicable.

4. **Quality of Gas Received:** The quality of the gas to be received by Union at the Receipt Point(s) hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II.

5. **Quality of Gas at Dawn:** The quality of the gas to be delivered to Union at Dawn (Facilities) or the gas to be delivered by Union to Shipper at Dawn (Facilities) hereunder is to be of a merchantable quality and in accordance with the quality standards and measurement standards as set out by Union in this Article II, except that total sulphur limit shall be not more than four hundred and sixty (460) milligrams per cubic metre of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.

6. **Odourization of Gas:**

- a. Union may odourize or deliver odourized gas under the Contract,
- b. Shipper shall if requested by Union monitor the mercaptan sulphur content of the gas delivered to Union under the Contract and shall provide at no cost to Union a continuous signal quantifying the mercaptan sulphur content in milligrams per cubic metre.

**III. MEASUREMENTS**

1. **Storage, Transportation, and/or Sales Unit:** The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.

2. **Determination of Volume and Energy:**

- a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.

- b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
- c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
- d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

**IV. RECEIPT POINT AND DELIVERY POINT**

The point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in Schedule 1 of the Contract, where possession of the gas changes from one party to the other.

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

- 1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
- 2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

- 1. Union Equipment: All of the Union Expansion Facilities shall remain the property of Union. Union shall be entitled to remove said equipment at any time within a period of sixty (60) days from any termination or expiry of the Contract. Shipper shall take all necessary steps to ensure Union may enter the Pool Station to remove such equipment for a period of sixty (60) days after termination or expiry of the Contract.
- 2. Shipper Obligations: Shipper shall, at Shipper's own cost and expense:
  - a. obtain the Pool Station Land Rights; and
  - b. furnish, install, set, and maintain suitable pressure and quantity control equipment and such additional equipment as required on Shipper's delivery system, to protect against the over pressuring of Union's facilities as set out in Article VI of the Contract and Schedule 1 of the Contract, protect Union from receiving gas not meeting the quality specification as set out in Article II herein, and to limit the daily flow of gas to the corresponding parameters as set out in the Article II of the Contract.
- 3. Maintenance Costs: Shipper shall within thirty (30) days of the delivery of an invoice by Union, reimburse Union for any actual costs reasonably incurred by Union for any repair, replacement, relocation, or upgrading of any meter station or any Union Expansion Facilities requested by Shipper, or as required by law or by duly constituted regulatory body, or through good engineering practice. Union shall be responsible for any costs incurred by Union to correct an error made by Union.



4. Operation and Maintenance: Subject to this Article VI Section 3, each party shall be fully responsible for the continued operation, maintenance, repair and replacement of its respective facilities. Both parties agree to maintain cathodic protection on their respective facilities.
5. Inspection: Each party shall inspect its facilities as required by industry standards or by the appropriate regulatory body.
6. Repair or Replacement: Each party shall decide, in its sole discretion, whether its facilities need to be repaired or replaced. In the event that repair or replacement is needed, the party undertaking such work will, to the extent possible, give the other party sixty (60) days' notice and will ensure that the work be done in a manner so as to minimize the amount of time the pipeline has restricted flows.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Custody Transfer Point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the Custody Transfer Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.

7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

**VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled under the Contract, Union shall have the right to amend its statements for a period equal to the time during which the Interconnecting Pipeline retains the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such

overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.
5. Set Off: If Shipper shall, at any time, be in arrears under any of its payment obligations to Union under the Contract, then Union shall be entitled to reduce the amount payable by Union to Shipper under the Contract or any other contract by an amount equal to the amount of such arrears or other indebtedness to Union. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.
6. Aid to Construction: Shipper agrees to reimburse Union for the Aid to Construction.

In the event Union has incurred costs, as set out herein, relative to the construction, installation or connection of the gas metering station prior to being notified by Shipper of Shipper's intention to terminate the Contract, Shipper shall promptly remit to Union such actual costs on presentation to Shipper of an invoice for same from Union.

All applicable Taxes will be applied to all amounts to be paid under this Section. Shipper warrants and represents that no payment to be made by Shipper under the Contract is subject to any withholding tax.

## **X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

## **XI. FORCE MAJEURE**

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and

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any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.

2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm contract demand for the Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the C1 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Unforeseen Reduction: In addition to the definition of force majeure in Article XI, Section 1 herein, for the purposes of the Contract, it shall also include the unforeseen reduction in natural gas usage and/or capacity of the local transmission system as described in Schedule 1 of the Contract, regardless of the duration of such unforeseen reduction, or any other cause, whether of the kind herein enumerated or otherwise, not within the reasonable control of the party claiming relief hereunder and which, by the exercise of due diligence, such party is unable to prevent or overcome.

## **XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make

delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. RESERVED FOR FUTURE USE**

N/A

**XVII. RENEWALS**

The Contract will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper or Union may reduce the contract demands or terminate the Contract, with notice in writing to the other party, at least two (2) years prior to the expiration thereof.

**XVIII. SERVICE CURTAILMENT**

1. Capacity Sharing: Where requests for interruptible service hereunder exceed the capacity available for such Service, Union will authorize nominations from shippers and allocate capacity as per Union's procedures and policies and shippers shall be so advised. Any interruptible service provided herein are subordinate to any and all firm service supplied by Union, and subordinate to Union's own operational or system requirements.
2. Capacity Procedures: Union reserves the right to change its procedures and policies for sharing interruptible capacity and will provide Shipper with two (2) months' notice of any such change.

3. Maintenance: Union's facilities from time to time may require maintenance or construction. In the event that such event occurs and in Union's sole opinion, acting reasonably, may impact its ability to meet Shipper's requirements, Union shall provide at least ten (10) days' notice to the Shipper, except in the case of emergencies. In the event the maintenance impacts Union's ability to meet Shipper's requirements, Union shall not be liable for any damages and shall not be deemed to be in breach of the Contract. To the extent that Union's ability to receive or deliver gas is impaired, Demand Charge Relief shall be calculated and credited to Shipper's invoice in accordance with Article XI, Section 8 herein. Union shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Union will endeavour to schedule and complete the maintenance and construction, that can be scheduled and completed, and which would normally be expected to impact on Union's ability to meet its obligations of any Contract Year, during the period from April 1 through to October 31.
4. Shipper's Facilities: Shipper shall complete and maintain a plan which depicts all of Shipper's production storage facilities including all emergency shut off valves and emergency equipment and provide a copy to Union upon Union's request. Shipper shall provide to Union the names and telephone numbers of those persons whom Union may contact in the event of an emergency situation arising within the Shipper's facilities.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security), if any, shall remain in place throughout the term hereof unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances (including the Initial Financial Assurances and Security), if any, throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract for any reason (a "**Material Event**"), then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "**Security**"). In the event that Shipper does not provide to Union such Security, Union may deem a default in accordance with the provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

3. License: Shipper represents and warrants to Union that Shipper possesses all licenses and permits needed to inject gas into, store gas in, and remove gas from the pool.

**XX. MISCELLANEOUS PROVISIONS**

1. Assignment: Shipper may not assign the Contract without the written consent of Union and, if required, the approval of the OEB. Should Union consent to the assignment, and if OEB approval is needed, Union will apply for OEB approval with all costs of the application to be paid by Shipper.
2. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

**XXI. PRECONDITIONS TO TRANSPORTATION SERVICES**

1. Union Conditions: The obligations of Union to provide Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union; and,
  - e. Shipper shall have paid any amounts owing pursuant to Schedule 1 Aid to Construction; and,
  - f. With regard to the Union Expansion Facilities:
    - i. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations required to construct the Union Expansion Facilities;
    - ii. Union shall have obtained all internal approvals that are necessary or appropriate to construct the Union Expansion Facilities;
    - iii. Union shall have completed and placed into service the Union Expansion Facilities; and,
  - g. Shipper shall, at Shipper's own cost and expense, have obtained a registered lease or freehold ownership in Union's favour for the Union Expansion Facilities located at the Pool Station satisfactory to Union and sufficient to provide Union with free uninterrupted access to, from, under and above the Pool Station for a term (and extended terms) identical to the Contract, plus sixty (60) days (such land rights being referred to as the "**Pool Station Land Rights**"), and shall provide Union with a bona fide copy of such agreements prior to Union commencing the construction of the Union Expansion Facilities.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract; and,
  - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,

- c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, d, e, f i., f iii., and g and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.



CROSS FRANCHISE TRANSPORTATION RATES
**(A) Applicability**

To a Shipper who enters into a Contract with Union for delivery by Shipper of gas to Union at one of Union's points listed below for redelivery by Union to Shipper at one of Union's points.

<u>Applicable Points</u>	(1)	(2)
	Ojibway	WDA
	St. Clair	NDA
	Dawn*	SSMDA
	Parkway	SWDA
	Kirkwall	CDA
	Bluewater	EDA

\*Dawn as a receipt point: Dawn (TCPL), Dawn (Facilities), Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE).

\*Dawn as a delivery point: Dawn (Facilities).

**(B) Services**

Transportation Service under this rate schedule is transportation on Union's pipeline facilities between any two Points as specified in Section (A), column 1.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**Transportation Service (1):**

		Monthly Demand Charges (applied to daily contract demand) <u>Rate/GJ</u>	Union Supplied Fuel <u>Fuel and Commodity Charge</u> Apr.1-Oct.31    Nov.1-Mar.31 <u>Rate/GJ</u> <u>Rate/GJ</u>		Fuel and Commodity Charges <u>Shipper Supplied Fuel</u> <u>Fuel Ratio</u> Apr.1-Oct.31    Nov.1-Mar.31 <u>%</u> <u>%</u> <u>AND</u>			Commodity <u>Charge</u> <u>Rate/GJ</u>
a)	Firm Transportation							
	Between:							
	St.Clair & Dawn	\$2.888	\$0.007	\$0.009	0.208%	0.267%		
	Ojibway & Dawn	\$2.888	\$0.016	\$0.011	0.449%	0.305%		
	Bluewater & Dawn	\$2.888	\$0.007	\$0.009	0.208%	0.267%		
	From:							
	Parkway to Kirkwall	\$0.874	\$0.011	\$0.006	0.301%	0.158%		
	Parkway to Dawn	\$0.874	\$0.011	\$0.006	0.301%	0.158%		
	Kirkwall to Dawn	\$1.542	\$0.006	\$0.006	0.158%	0.158%		
	Dawn to Kirkwall	\$3.154	\$0.011	\$0.027	0.319%	0.764%		
	Dawn to Parkway	\$3.716	\$0.021	\$0.037	0.585%	1.042%		
	Kirkwall to Parkway	\$0.561	\$0.015	\$0.015	0.423%	0.436%		
b)	Firm Transportation between two points within Dawn							
	Dawn to Dawn-Vector	\$0.030	n/a	n/a	0.341%	0.158%		
	Dawn to Dawn-TCPL	\$0.139	n/a	n/a	0.158%	0.353%		
c)	Interruptible Transportation between two points within Dawn*							
	*includes Dawn (TCPL), Dawn Facilities, Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE)				0.158%	0.158%		
d)	Interruptible and Short Term (1 year or less) Firm Transportation:		\$75.00					



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(C) Rates (Cont'd)

	<u>Fuel and Commodity Charges</u>					
	<u>Union Supplied Fuel</u>		<u>Shipper Supplied Fuel</u>			
	<u>Fuel and Commodity Charge</u>		<u>Fuel Ratio</u>		<u>AND</u>	<u>Commodity Charge</u>
	<u>Apr.1-Oct.31</u>	<u>Nov.1-Mar.31</u>	<u>Apr.1-Oct.31</u>	<u>Nov.1-Mar.31</u>		
	<u>Rate/GJ</u>	<u>Rate/GJ</u>	<u>%</u>	<u>%</u>		<u>Rate/GJ</u>
e) Cap-and-Trade Facility-Related Charges (applied to all quantities transported):						
St.Clair / Ojibway / Bluewater & Dawn	\$0.006	\$0.006				\$0.006
Parkway to Dawn / Kirkwall	\$0.006	\$0.006				\$0.006
Kirkwall to Dawn	\$0.006	\$0.006				\$0.006
Dawn to Kirkwall / Parkway (Cons) / Lisgar	\$0.006	\$0.006				\$0.006
Dawn to Parkway (TCPL)	\$0.006	\$0.006				\$0.006
Kirkwall to Parkway (Cons) / Lisgar	\$0.006	\$0.006				\$0.006
Kirkwall to Parkway (TCPL)	\$0.006	\$0.006				\$0.006
Dawn to Dawn-Vector	\$0.006	\$0.006				\$0.006
Dawn to Dawn-TCPL	\$0.006	\$0.006				\$0.006
Interruptible Transportation between two points within Dawn*						
*includes Dawn (TCPL), Dawn Facilities, Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE)						\$0.006

Authorized Overrun:

The following Overrun rates are applied to any quantities transported in excess of the Contract parameters. Overrun will be authorized at Union's sole discretion.

	<u>Union Supplied Fuel</u>		<u>Shipper Supplied Fuel</u>			
	<u>Fuel and Commodity Charge</u>		<u>Fuel Ratio</u>		<u>AND</u>	<u>Commodity Charge</u>
	<u>Apr.1-Oct.31</u>	<u>Nov.1-Mar.31</u>	<u>Apr.1-Oct.31</u>	<u>Nov.1-Mar.31</u>		
	<u>Rate/GJ</u>	<u>Rate/GJ</u>	<u>%</u>	<u>%</u>		<u>Rate/GJ</u>
a) Firm Transportation						
Between:						
St.Clair & Dawn	\$0.102	\$0.104	0.208%	0.267%		\$0.095
Ojibway & Dawn	\$0.111	\$0.106	0.449%	0.305%		\$0.095
Bluewater & Dawn	\$0.102	\$0.104	0.208%	0.267%		\$0.095
From:						
Parkway to Kirkwall	\$0.155	\$0.150	0.921%	0.778%		\$0.122
Parkway to Dawn	\$0.155	\$0.150	0.921%	0.778%		\$0.122
Kirkwall to Dawn	\$0.078	\$0.078	0.778%	0.778%		\$0.051
Dawn to Kirkwall	\$0.137	\$0.152	0.939%	1.384%		\$0.104
Dawn to Parkway	\$0.165	\$0.181	1.205%	1.662%		\$0.122
Kirkwall to Parkway	\$0.055	\$0.056	1.043%	1.056%		\$0.018
b) Firm Transportation within Dawn						
Dawn to Dawn-Vector	n/a	n/a	0.341%	0.158%		\$0.001
Dawn to Dawn-TCPL	n/a	n/a	0.158%	0.353%		\$0.005
c) Cap-and-Trade Facility-Related Charges (applied to all quantities transported):						
St.Clair / Ojibway / Bluewater & Dawn	\$0.006	\$0.006				\$0.006
Parkway to Dawn / Kirkwall	\$0.006	\$0.006				\$0.006
Kirkwall to Dawn	\$0.006	\$0.006				\$0.006
Dawn to Kirkwall / Parkway (Cons) / Lisgar	\$0.006	\$0.006				\$0.006
Dawn to Parkway (TCPL)	\$0.006	\$0.006				\$0.006
Kirkwall to Parkway (Cons) / Lisgar	\$0.006	\$0.006				\$0.006
Kirkwall to Parkway (TCPL)	\$0.006	\$0.006				\$0.006
Dawn to Dawn-Vector	\$0.006	\$0.006				\$0.006
Dawn to Dawn-TCPL	\$0.006	\$0.006				\$0.006

Authorized overrun for short-term firm transportation is available at negotiated rates.

**(C) Rates (Cont'd)****Unauthorized Overrun:**

The Unauthorized Overrun rate shall be the higher of the reported daily spot price of gas at either, Dawn, Parkway, Niagara, Iroquois or Chicago in the month of or the month following the month in which the overrun occurred plus 25% for all usage on any day in excess of 102% of Union's contractual obligation.

Notes for Section (C) Rates:

- (1) A demand charge of \$0.070/GJ/day/month will be applicable to customers contracting for firm all day transportation service in addition to the demand charges appearing on this schedule for all firm transportation service paths.

**(D) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A" for contracts in effect before October 1, 2010. The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2010" for contracts in effect on or after October 1, 2010.

**(E) Nominations**

Nominations under this rate schedule shall be in accordance with the attached Schedule "B" for contracts in effect before October 1, 2010. Nominations under this rate schedule shall be in accordance with the attached Schedule "B 2010" for contracts in effect on or after October 1, 2010.

**(F) Receipt and Delivery Points and Pressures**

Receipt and Delivery Points and Pressures under this rate schedule shall be in accordance with Schedule "C 2010" for contracts in effect on or after October 1, 2010.

**RATE C1  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

1. "Contract" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;
2. "cubic metre" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
3. "day" shall mean a period of twenty-four (24) consecutive hours beginning at 9:00 a.m. Central Standard time. The reference date for any day shall be the calendar date upon which the twenty-four (24) hour period shall commence;
4. "delivery" shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;
5. "firm" shall mean service not subject to curtailment or interruption except under Articles XI and XII of this Schedule "A";
6. "gas" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;
7. "gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;
8. "interruptible service" shall mean service subject to curtailment or interruption, after notice, at any time;
9. "Interconnecting Pipeline" shall mean a pipeline that directly connects to the Union pipeline system;
10. "joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;
11. "limited interruptible service" shall mean gas service subject to interruption or curtailment on a limited number of days as specified in the Contract;
12. "m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;
13. "month" shall mean the period beginning at 9:00 a.m. Central Standard time on the first day of a calendar month and ending at 9:00 a.m. Central Standard time on the first day of the following calendar month;
14. "OEB" means the Ontario Energy Board;
15. "pascal" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" (kPa) shall mean 1,000 pascals;
16. "receipt" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;
17. "Shipper" shall have the meaning as defined in the Contract and shall also include Shipper's agent(s);

## **SCHEDULE "A"**

18. "TCPL" means TransCanada Pipelines Limited;
19. "cricondenth therm hydrocarbon dewpoint" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;
20. "hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;
21. "specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
22. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## **II. GAS QUALITY**

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenth therm hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.

## **SCHEDULE "A"**

3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's C1 Rate Schedule.

### **III. MEASUREMENTS**

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

### **IV. RECEIPT POINT AND DELIVERY POINT**

1. Unless otherwise specified in the Contract, the point or points of receipt for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where Union takes possession of the gas.
2. Unless otherwise specified in the Contract, the point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection as specified in the Contract where Shipper takes possession of the gas.

### **V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

*Intentionally blank*

### **VI. FACILITIES ON SHIPPER'S PROPERTY**

## **SCHEDULE "A"**

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Union's Parkway Point of Delivery, or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

## **VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by their regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.

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6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

### **VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the 10th day of each month for all services furnished during the preceding month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the 10th day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.

### **IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a business day, then payment must be received in Union's account on the first business day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment.
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend service(s) until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend service(s) because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing paragraph(s), Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such



overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "bill" next following shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within six (6) years from the date of the incorrect billing. In the event any refund is issued with Shipper's gas bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

**X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act of the Province of Ontario, or any act passed in amendment thereof or substitution thereof, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

**XI. FORCE MAJEURE**

1. The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.

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5. An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the C1 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

## **XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI hereof) which has not been waived by the other party, then and in every such case and as often as the same may happen, the Non-defaulting party may give written notice to the Defaulting party requiring it to remedy such default and in the event of the Defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the Non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

## **XIII. MODIFICATION**

Subject to Union's C1 Rate Schedule, Schedule A, Article XV and the ability of Union to amend the C1 Rate Schedule with the approval of the OEB, no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

## **XIV. NON-WAIVER AND FUTURE DEFAULT**

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**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**RATE C1  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Authorized Overrun"** shall mean the amount by which Shipper's Authorized Quantity exceeds the Contract Demand;

**"Available Capacity"** shall mean at any time, Union's remaining available capacity to provide Transportation Services;

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

**"cricondenthem hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"delivery"** shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"Expansion Facilities"** shall mean any new facilities to be constructed by Union in order to provide Transportation Services;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

**"gas"** shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

**"gross heating value"** shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

**"hydrocarbon dewpoint"** shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

**"Interruptible Service HUB Contract"** shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

## **SCHEDULE "A 2010"**

"**interruptible service**" or "**Interruptible**" shall mean service subject to curtailment or interruption, after notice, at any time;

"**Interconnecting Pipeline**" shall mean a pipeline that directly connects to the Union pipeline system;

"**joule**" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "**megajoule**" (MJ) shall mean 1,000,000 joules. The term "**gigajoule**" (GJ) shall mean 1,000,000,000 joules;

"**Limited Firm**" shall mean gas service subject to interruption or curtailment on a limited number of Days as specified in the Contract;

"**Loaned Quantities**" shall mean those quantities of gas loaned to Shipper under the Facilitating Agreement;

"**m**<sup>3</sup>" shall mean cubic metre of gas and "**10**<sup>3</sup>**m**<sup>3</sup>" shall mean 1,000 cubic metres of gas;

"**Month**" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"**NAESB**" shall mean North American Energy Standards Board;

"**OEB**" means the Ontario Energy Board;

"**Open Season**" or "**open season**" shall mean an open access auction or bidding process held by Union as a method of allocating capacity;

"**pascal**" ("**Pa**") shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" ("**kPa**") shall mean 1,000 pascals;

"**receipt**" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;

"**Shipper**" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

"**specific gravity**" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Taxes**" shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"**TCPL**" means TransCanada PipeLines Limited;

"**Wobbe Number**" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## **II. GAS QUALITY**

1. **Natural Gas:** The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.

2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
- a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.
3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's C1 Rate Schedule.

### **III. MEASUREMENTS**

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
- a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas

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Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.

- c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
- d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

### **IV. RECEIPT POINT AND DELIVERY POINT**

- 1. Unless otherwise specified in the Contract, the point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where possession of the gas changes from one party to the other, and as per Schedule "C 2010".

### **V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

- 1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
- 2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

### **VI. FACILITIES ON SHIPPER'S PROPERTY**

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Parkway (TCPL), or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

- 1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
- 2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
- 3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

### **VII. MEASURING EQUIPMENT**

- 1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.

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2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

## **VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Transportation Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled in any of the Transportation Services to Shipper, the parties shall have the right to amend their statement for a period equal to



the time during which the Interconnecting Pipeline retains the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.
4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.

Shipper shall make reasonable efforts to eliminate/minimize the withholding tax related to the fees/payments paid to Union, including but not limited to requesting from Union the relevant documentation necessary to determine the appropriate withholding, if any, for tax purposes. In the event taxes are withheld from the fees/payment paid by Shipper, Shipper shall remit such withheld taxes to the applicable taxing authority and Shipper will provide Union, after the calendar year end, Union's Federal Form 1042-S and a comparable state/international form, if applicable, within the applicable statutory time frame.

5. Set Off: If either party shall, at any time, be in arrears under any of its payment obligations to the other party under the Contract, then the party not in arrears shall be entitled to reduce the amount payable by it to the other party in arrears under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to the other party. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract or any enhancement to the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.

**X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

**XI. FORCE MAJEURE**

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.

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6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the C1 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Proration of Firm Transportation Service: If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

## **XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

## **XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

## **XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. ALLOCATION OF CAPACITY**

1. Requests for Transportation Service: A potential shipper may request transportation service on Union's system at any time. Any request for C1 transportation service must include: potential shipper's legal name, Receipt Point(s), Delivery Point(s), Commencement Date, Initial Term, Contract Demand, proposed payment, and type of transportation service requested.
2. Expansion Facilities: If requests for firm transportation services cannot be met through existing capacity such that the only way to satisfy the requests for transportation service would require the construction of Expansion Facilities which create new capacity, Union shall allocate any such new capacity by open season, subject to the terms of the open season, and these General Terms and Conditions.
3. Open Seasons: If requests for long-term transportation service can be met through existing facilities upon which long-term capacity is becoming available, Union shall allocate such long-term capacity by open season, subject to the terms of the open season, and these General Terms and Conditions. "**Long-term**", for the purposes of this Article XVI, means, in the case of a transportation service, a service that has a term of one year or greater.
4. Awarding Open Season Capacity: Capacity requests received during an open season shall be awarded starting with those bids with the highest economic value. If the economic values of two or more independent bids are equal, then service shall be allocated on a pro-rata basis. The economic value shall be based on the net present value which shall be calculated based on the proposed per- unit rate and the proposed term of the contract and without regard to the proposed Contract Demand ("**NPV**").
5. Available Capacity Previously Offered in Open Season: Union may at any time allocate capacity to respond to any C1 transportation service request through an open season. If a potential shipper requests C1 transportation service that can be provided through Available Capacity that was previously offered by Union in an open season but was not awarded, then:
  - a. Any such request must conform to the requirements of Section 1 of this Article XVI;
  - b. Union shall allocate capacity to serve such request pursuant to this Section 5, and subject to these General Terms and Conditions and Union's standard form C1 transportation contract;
  - c. Union may reject a request for C1 transportation service for any of the following reasons:
    - i) if there is insufficient Available Capacity to fully meet the request, but if that is the only reason for rejecting the request for service, Union must offer to supply the Available Capacity to the potential shipper;
    - ii) if the proposed monthly payment is less than Union's Monthly demand charge plus fuel requirements for the applicable service;
    - iii) if prior to Union accepting the request for transportation service Union receives a request for transportation service from one or more other potential shippers and there is, as a result, insufficient Available Capacity to service all the requests for service, in which case Union shall follow the procedure in Section 5 d hereof;
    - iv) if Union does not provide the type of transportation service requested; or
    - v) if all of the conditions precedent specified in Article XXI Sections 1 and 2 herein have not been satisfied or waived.

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- d. Union will advise the potential shipper in writing whether Union accepts or rejects the request for service, subject to Article XVI 5(c) within 5 calendar days of receiving a request for C1 transportation service. If Union rejects a request for service, Union shall inform the potential shipper of the reasons why its request is being rejected; and
- e. If Union has insufficient Available Capacity to service all pending requests for transportation service Union may:
  - i) Reject all the pending requests for transportation service and conduct an open season; or
  - ii) Union shall inform all the potential shippers who have submitted a pending request for transportation service that it does not have sufficient capacity to service all pending requests for service, and Union shall provide all such potential shippers with an equal opportunity to submit a revised request for service. Union shall then allocate the Available Capacity to the request for transportation service with the highest economic value to Union. If the economic values of two or more requests are equal, then service shall be allocated on a pro-rata basis. The economic value of any request shall be based on the NPV.

## **XVII. RENEWALS**

- 1. Contracts with an Initial Term of five (5) years or greater, with Receipt Points and Delivery Points of Parkway or Kirkwall or Dawn (Facilities), will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper may reduce the Contract Demand or terminate the Contract with notice in writing by Shipper at least two (2) years prior to the expiration thereof.

For all other contracts, the Contract will continue in full force and effect until the end of the Initial Term, but shall not renew.

## **XVIII. SERVICE CURTAILMENT**

- 1. Right to Curtail: Union shall have the right to curtail or not to schedule part or all of Transportation Services, in whole or in part, on all or a portion of its pipeline system at any time for reasons of Force Majeure or when, in Union sole discretion, acting reasonably, capacity or operating conditions so require or it is desirable or necessary to make modifications, repairs or operating changes to its pipeline system. Union shall provide Shipper such notice of such curtailment as is reasonable under the circumstances. If due to any cause whatsoever Union is unable to receive or deliver the quantities of Gas which Shipper has requested, then Union shall order curtailment by all Shippers affected and to the extent necessary to remove the effect of the disability. Union has a priority of service policy to determine the order of service curtailment. In order to place services on the priority of service list, Union considers the following business principles: appropriate level of access to core services, customer commitment, encouraging appropriate contracting, materiality, price and term, and promoting and enabling in-franchise consumption.

The Priority ranking for all services utilizing Union Gas' storage, transmission and distribution system as applied to both in-franchise and ex-franchise services are as follows; with number 1 having the highest priority and the last interrupted.

- 1. Firm In-franchise Transportation and Distribution services and firm Ex-franchise services (Note 1)
- 2. In-franchise Interruptible Distribution services
- 3. C1/M12 IT Transport and IT Exchanges with Take or Pay rates
- 4. Balancing (Hub Activity)  $\leq 100$  GJ/d; Balancing (Direct Purchase)  $\leq 500$  GJ/d; In-franchise distribution authorized overrun (Note 3)
- 5. C1/M12 IT Transport and IT Exchanges at premium rates
- 6. C1/M12 Overrun  $\leq 20\%$  of CD (Note 4)
- 7. Balancing (Direct Purchase)  $> 500$  GJ/d
- 8. Balancing (Hub Activity)  $> 100$  GJ/d; C1/M12 IT Transport and IT Exchanges
- 9. C1/M12 Overrun  $> 20\%$  of CD
- 10. C1/M12 IT Transport and IT Exchanges at a discount
- 11. Late Nominations

Notes:

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1. Nominated services must be nominated on the NAESB Timely Nomination Cycle otherwise they are considered to be late nomination and are therefore interruptible.
  2. Higher value or more reliable IT is contemplated in the service and contract, when purchase at market competitive prices.
  3. Captures the majority of customers that use Direct Purchase balancing transactions.
  4. Captures the majority of customers that use overrun.
2. Capacity Procedures: Union reserves the right to change its procedures for sharing interruptible capacity and will provide Shipper with two (2) months prior notice of any such change.
3. Maintenance: Union's facilities from time to time may require maintenance or construction. If such maintenance or construction is required, and in Union's sole opinion, acting reasonably, such maintenance or construction may impact Union's ability to meet Shipper's requirements, Union shall provide at least ten (10) days notice to Shipper, except in the case of an emergency. In the event the maintenance impacts Union's ability to meet Shipper's requirements, Union shall not be liable for any damages and shall not be deemed in breach of the Contract. To the extent that Union's ability to accept and/or deliver Shipper's gas is impaired, the Monthly demand charge shall be reduced in accordance with Article XI Section 8 and available capacity allocated in accordance with Article XI Section 9 herein.

Union shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Union will endeavour to schedule and complete the maintenance and construction, which would normally be expected to impact on Union's ability to meet Shipper's requirements, during the period from April 1 through to November 1.

## **XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security) (if any) shall remain in place throughout the term hereof, unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract as a result of one of the following events ("**Material Event**");
  - a. Shipper is in default, which default has not been remedied, of the Contract or is in default of any other material contract with Union or another party; or,
  - b. Shipper's corporate or debt rating falls below investment grade according to at least one nationally recognized rating agency; or,
  - c. Shipper ceases to be rated by a nationally recognized agency; or,
  - d. Shipper has exceeded credit available as determined by Union from time to time,

then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "**Security**"). The Security plus the Initial Financial Assurances shall not exceed twelve (12) months of Monthly demand charges (in accordance with Article IX herein) multiplied by Contract Demand. In the event that Shipper does not provide to Union such Security within such fourteen (14) day period, Union may deem a default under the Default and Termination provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after

receipt of the request.

**XX. MISCELLANEOUS PROVISIONS**

1. Permanent Assignment: Shipper may assign the Contract to a third party ("Assignee"), up to the Contract Demand, (the "Capacity Assigned"). Such assignment shall require the prior written consent of Union and release of obligations by Union for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Temporary Assignment: Shipper may, upon notice to Union, assign all or a part of its service entitlement under the Contract (the "Assigned Quantity") and the corresponding rights and obligations to an Assignee on a temporary basis for not less than one calendar month. Such assignment shall not be unreasonably withheld and shall be conditional upon the Assignee executing the Facilitating Agreement as per Article XXI herein. Notwithstanding such assignment, Shipper shall remain obligated to Union to perform and observe the covenants and obligations contained herein in regard to the Assigned Quantity to the extent that Assignee fails to do so.
3. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

**XXI. PRECONDITIONS TO TRANSPORTATION SERVICES**

1. Union Conditions: The obligations of Union to provide Transportation Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Transportation Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the Transportation Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Transportation Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract; and,

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- b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
  - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, and d and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.



**RATE C1  
NOMINATIONS**

- a) For Services provided either under this rate schedule or referenced to this rate schedule:
- i) For Services required on any day Shipper shall provide Union with details regarding the quantity it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
  - ii) All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
  - iii) For customers electing firm all day transportation, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
- b) Union shall determine whether or not all or any portion of the Nomination will be accepted. In the event Union determines that it will not accept such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantity Available**") for Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a "**Revised Nomination**" to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantity Available, then the Revised Nomination shall be deemed to be the Quantity Available. If the Revised Nomination (delivered within the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
- c) That portion of a Shipper's Nomination or Revised Nomination, as set out in (a) and (b), above, which Union shall accept for Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
- d) If on any day the actual quantities handled by Union, for each of the Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Services exceed Shipper's Authorized Quantity, such excess shall be deemed "**Unauthorized Overrun**".
- e) The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20) of the quantity received for that day. Union shall have the right to limit Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20) of the quantity handled for that day, for each applicable Service.
- f) A nomination for a daily quantity of gas on any day shall remain in effect and apply to subsequent days unless and until Union receives a new nomination from the Shipper or unless Union gives Shipper written notice that it is not acceptable in accordance with either (a) or (b) of this schedule.
- g) Except for periods of gas or quantity balancing as provided in the Contract, nominations by Shipper for deliveries to Union and redeliveries by Union shall be the same delivery of gas by Union either to Shipper or a Shipper's Account with Union.

**RATE C1  
NOMINATIONS**

1. For Transportation Services required on any Day under the Contract, Shipper shall provide Union with details regarding the quantity of Gas it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
2. All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
3. Union shall determine whether or not all or any portion of the Nomination will be scheduled at each nomination cycle. With respect to each nomination cycle, in the event Union determines that it will not schedule such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantities Available**") for Transportation Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union, but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a revised nomination ("**Revised Nomination**") to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantities Available, then the Revised Nomination shall be deemed to be the Quantities Available. If the Revised Nomination (delivered with the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
4. For Shippers electing firm all day transportation service, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
5. For Transportation Services requiring Shipper to provide compressor fuel in kind, the nominated fuel requirements will be calculated by rounding to the nearest whole GJ.
6. All Timely Nominations shall have rollover options. Specifically, Shippers shall have the ability to nominate for several days, months or years, provided the Nomination start date and end date are both within the term of the Transportation Agreement.
7. Nominations received after the nomination deadline shall, if accepted by Union, be scheduled after Nominations received before the nomination deadline.
8. All Services are required to be nominated in whole Gigajoules (GJ).
9. To the extent Union is unable to complete a Nomination confirmation due to inaccurate, untimely or incomplete data involving an Interconnecting Pipeline entity, Union shall undertake reasonable efforts to confirm the transaction on a non-discriminatory basis until such time that the transaction is adequately verified by the parties, or until such time that Union determines that the Nomination is invalid at which time the Union shall reject the Nomination.
10. That portion of a Shipper's Nomination or Revised Nomination, as set out in paragraphs 1 and 3 above, which Union shall schedule for Transportation Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
11. If on any day the actual quantities handled by Union, for each of the Transportation Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Transportation

## **SCHEDULE "B 2010"**

Services exceed Shipper's Authorized Quantity shall be deemed "**Unauthorized Overrun**".

12. The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20<sup>th</sup>) of the quantity received for that day. Union shall have the right to limit Transportation Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20<sup>th</sup>) of the quantity handled for that day, for each applicable Transportation Service.
13. The parties hereto recognize that with respect to Transportation Services, on any day, receipts of gas by Union and deliveries of gas by Union may not always be exactly equal, but each party shall cooperate with the other in order to balance as nearly as possible the quantities transacted on a daily basis, and any imbalances arising shall be allocated to the Facilitating Agreement and shall be subject to the respective terms and charges contained therein, and shall be resolved in a timely manner.
14. Shipper may designate via *Unionline* access request form, a third party as agent for purposes of providing a Nomination, and for giving and receiving notices related to Nominations, and Union shall only accept nominations from the agent. Any such designation, if acceptable to Union, shall be effective following the receipt and processing of the written notice and will remain in effect until revoked in writing by Shipper.

**RATE C1**  
**RECEIPT AND DELIVERY POINTS AND PRESSURES**

**1. Receipt and Delivery Points:**

The following defines each Receipt Point and/or Delivery Point, as indicated (R= Receipt Point; D= Delivery Point)

R, D	<b><u>DAWN (FACILITIES):</u></b>	Union's Compressor Station site situated in the northwest corner of Lot Twenty-Five (25), Concession II, in the Township of Dawn-Euphemia, in the County of Lambton. This point is applicable for quantities of gas that have been previously transported or stored under other contracts that Shipper may have in place with Union.
R, D	<b><u>DAWN (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Dawn (Facilities).
R, D	<b><u>DAWN (TECUMSEH):</u></b>	At the junction of Union's and Enbridge Gas Distribution Inc.'s (Enbridge) Tecumseh Gas Storage's facilities, at or adjacent to Dawn (Facilities).
R, D	<b><u>DAWN (TSLE):</u></b>	At the junction of Union's and Enbridge Gas Distribution Inc.'s (" <b>Enbridge</b> ") NPS 16 Tecumseh Sombra Line Extension facilities; at or adjacent to Dawn (Facilities)
R, D	<b><u>DAWN (VECTOR):</u></b>	At the junction of Union's and Vector Pipeline Limited Partnership (" <b>Vector</b> ") facilities, at or adjacent to Dawn (Facilities).
R, D	<b><u>PARKWAY (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Union's facilities situated in the Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga)
R, D	<b><u>KIRKWALL:</u></b>	At the junction of Union's and TCPL's facilities at or adjacent to Union's facilities situated in Part Lot Twenty-Five (25), Concession 7, Town of Flamborough.
D	<b><u>PARKWAY (CONSUMERS):</u></b>	At the junction of Union's and Enbridge's facilities, at or adjacent to Union's facilities situated in Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga)
D	<b><u>LISGAR:</u></b>	At the junction of the facilities of Union and Enbridge situated at 6620 Winston Churchill Boulevard, City of Mississauga.
R, D	<b><u>OJIBWAY:</u></b>	At the junction of Union's and Panhandle Eastern Pipe Line Company, LP's (" <b>Panhandle</b> ") facilities, located at the International Border between Canada and the United States in the St. Clair River.
R, D	<b><u>ST.CLAIR (MICHCON):</u></b>	At the junction of Michigan Consolidated Gas Company's (" <b>MichCon</b> ") and St. Clair Pipelines L.P.'s facilities, located at the International Border between Canada and the United States in the St. Clair River.

**R, D**      **BLUEWATER:**      At the junction of Bluewater Gas Storage, LLC ("**Bluewater**") and St. Clair Pipelines L.P.'s facilities, located at the International Border between Canada and the United States in the St. Clair River.

2. Receipt and Delivery Pressures:

(a) All Gas tendered by or on behalf of Shipper to Union shall be tendered at the Receipt Point(s) at Union's prevailing pressure at that Receipt Point, or at such pressure as per operating agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(b) All Gas tendered by or on behalf of Union to Shipper shall be tendered at the Delivery Point(s) at Union's prevailing pressure at that Delivery Point or at such pressure as per agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(c) Under no circumstances shall Union be obligated to receive or deliver gas hereunder at pressures exceeding the maximum allowable operating pressures prescribed under any applicable governmental regulations; nor shall Union be required to make any physical deliveries or to accept any physical receipts which its existing facilities cannot accommodate.

**APPENDIX C**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**SUMMARY OF AVERAGE INTERRUPTIBLE RATE AND PRICE**  
**ADJUSTMENT CHANGES FOR RATES 25, M4, M5A, M7, T1 AND T2**

UNION GAS LIMITED  
Infranchise Customers  
Summary of Average Interruptible Rate and Price Adjustment Changes for Rates 25, M4, M5A, M7, T1 and T2  
Effective January 1, 2018

Line No.	Particulars (cents / m <sup>3</sup> )	Monthly Charge Increase / (Decrease) (a)	Delivery Commodity Charge Increase / (Decrease) (b)	Delivery - Price Adjustment Increase / (Decrease) (c)	Cap-and-Trade Charges Increase / (Decrease) (d)	Gas Commodity Price Adjustment Rate (1) (e)
	Cap-and-Trade Charges (2)					
1	Cap-and-Trade Customer-Related Charge				-	
2	Cap-and-Trade Facility-Related Charge				-	
3	Rate 25 All Zones	(\$16.99)	(0.0026)			(0.2720)
4	Rate M4 Interruptible	(\$9.81)	0.0754			
5	Rate M5A Interruptible	(\$9.81)	0.0754			
6	Rate M7 Interruptible		0.0353			
7	Seasonal		0.0353			
8	Rate T1 - Interruptible Transportation - Union supplies fuel		(0.0188)			
9	Transportation - Customer supplies fuel		(0.0096)			
10	Rate T2 - Interruptible Transportation - Union supplies fuel		(0.0102)			
11	Transportation - Customer supplies fuel		0.0008			

Notes:

- (1) Applies to sales service customers only.  
(2) Changes in the Cap-and-Trade Charges apply to Rate 25, M4, M5A, M7, T1, and T2.

**APPENDIX D**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**CUSTOMER RATE NOTICES**



**Important Information About Your Rates**  
**February 2018**  
**Rate 01 - North West**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$10.84 for a typical Rate 01 - North West customer using 2,200 m<sup>3</sup> of natural gas a year.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Gas Used**

The gas commodity rate decreased by 0.0009 ¢/m<sup>3</sup> to 10.1878 ¢/m<sup>3</sup> based on our forecast of natural gas market prices for the next 12 months.

**Gas Price Adjustment**

The gas price adjustment rate decreased by 0.0002 ¢/m<sup>3</sup> to 0.2386 ¢/m<sup>3</sup> to make up the difference between our forecast cost of natural gas and actual costs from prior periods.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0008 ¢/m<sup>3</sup> to 6.8566 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Transportation Price Adjustment**

The transportation price adjustment rate increased by 0.0002 ¢/m<sup>3</sup> to 0.7082 ¢/m<sup>3</sup> to make up the difference between our forecast cost of transporting natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.2083 ¢/m<sup>3</sup> to 2.2624 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0493 ¢/m<sup>3</sup> to 0.0493 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0644 ¢/m<sup>3</sup> to 1.2863 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 01 - North West customer using 2,200 m<sup>3</sup> of natural gas a year.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Gas Used	10.1878 ¢/m <sup>3</sup>	-\$0.01
Gas Price Adjustment	0.2386 ¢/m <sup>3</sup>	\$0.00
Transportation to Union Gas	6.8566 ¢/m <sup>3</sup>	\$0.01
Transportation Price Adjustment	0.7082 ¢/m <sup>3</sup>	\$0.00
Storage	2.2624 ¢/m <sup>3</sup>	\$4.60
Storage Price Adjustment	0.0493 ¢/m <sup>3</sup>	\$0.00
Delivery First 100 m <sup>3</sup> Next 200 m <sup>3</sup> Next 200 m <sup>3</sup> Next 500 m <sup>3</sup> All Over 1,000 m <sup>3</sup>	9.3875 ¢/m <sup>3</sup> 9.1476 ¢/m <sup>3</sup> 8.7683 ¢/m <sup>3</sup> 8.4201 ¢/m <sup>3</sup> 8.1324 ¢/m <sup>3</sup>	\$6.24
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.2863 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$21.00	\$0.00
Total Annual Impact		<b>\$10.84</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate 01 - North West**  
**Energy Marketer Customer**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$10.85 for a typical Rate 01 - North West customer using 2,200 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0008 ¢/m<sup>3</sup> to 6.8566 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Transportation Price Adjustment**

The transportation price adjustment rate increased by 0.0002 ¢/m<sup>3</sup> to 0.7082 ¢/m<sup>3</sup> to make up the difference between our forecast cost of transporting natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.2083 ¢/m<sup>3</sup> to 2.2624 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0493 ¢/m<sup>3</sup> to 0.0493 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0644 ¢/m<sup>3</sup> to 1.2863 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 01 - North West customer using 2,200 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Transportation to Union Gas *	6.8566 ¢/m <sup>3</sup>	\$0.01
Transportation Price Adjustment	0.7082 ¢/m <sup>3</sup>	\$0.00
Storage	2.2624 ¢/m <sup>3</sup>	\$4.60
Storage Price Adjustment	0.0493 ¢/m <sup>3</sup>	\$0.00
Delivery First 100 m <sup>3</sup> Next 200 m <sup>3</sup> Next 200 m <sup>3</sup> Next 500 m <sup>3</sup> All Over 1,000 m <sup>3</sup>	9.3875 ¢/m <sup>3</sup> 9.1476 ¢/m <sup>3</sup> 8.7683 ¢/m <sup>3</sup> 8.4201 ¢/m <sup>3</sup> 8.1324 ¢/m <sup>3</sup>	\$6.24
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.2863 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$21.00	\$0.00
Total Annual Impact		<b>\$10.85</b>

\* Depending on the terms of your energy marketer contract, you may or may not be affected by Union Gas' changes to transportation rates. Contact your energy marketer directly at the telephone number on your bill with questions.

**Important Information About Your Rates**  
**February 2018**  
**Rate 01 - North East**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$14.15 for a typical Rate 01 - North East customer using 2,200 m<sup>3</sup> of natural gas a year.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Gas Used**

The gas commodity rate decreased by 0.0009 ¢/m<sup>3</sup> to 13.9075 ¢/m<sup>3</sup> based on our forecast of natural gas market prices for the next 12 months. This rate includes transportation costs to Ontario.

**Gas Price Adjustment**

The gas price adjustment rate decreased by 0.0002 ¢/m<sup>3</sup> to 0.6533 ¢/m<sup>3</sup> to make up the difference between our forecast cost of natural gas and actual costs from prior periods.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0282 ¢/m<sup>3</sup> to 3.0273 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Transportation Price Adjustment**

The transportation price adjustment rate increased by 0.0067 ¢/m<sup>3</sup> to 0.8886 ¢/m<sup>3</sup> to make up the difference between our forecast cost of transporting natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.3323 ¢/m<sup>3</sup> to 7.0010 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0787 ¢/m<sup>3</sup> to 0.0787 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0644 ¢/m<sup>3</sup> to 1.2863 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 01 - North East customer using 2,200 m<sup>3</sup> of natural gas a year.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Gas Used	13.9075 ¢/m <sup>3</sup>	-\$0.01
Gas Price Adjustment	0.6533 ¢/m <sup>3</sup>	\$0.00
Transportation to Union Gas	3.0273 ¢/m <sup>3</sup>	\$0.63
Transportation Price Adjustment	0.8886 ¢/m <sup>3</sup>	\$0.00
Storage	7.0010 ¢/m <sup>3</sup>	\$7.29
Storage Price Adjustment	0.0787 ¢/m <sup>3</sup>	\$0.00
Delivery First 100 m <sup>3</sup> Next 200 m <sup>3</sup> Next 200 m <sup>3</sup> Next 500 m <sup>3</sup> All Over 1,000 m <sup>3</sup>	9.3875 ¢/m <sup>3</sup> 9.1476 ¢/m <sup>3</sup> 8.7683 ¢/m <sup>3</sup> 8.4201 ¢/m <sup>3</sup> 8.1324 ¢/m <sup>3</sup>	\$6.24
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.2863 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$21.00	\$0.00
Total Annual Impact		<b>\$14.15</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate 01 - North East**  
**Energy Marketer Customer**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$14.16 for a typical Rate 01 - North East customer using 2,200 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0282 ¢/m<sup>3</sup> to 3.0273 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Transportation Price Adjustment**

The transportation price adjustment rate increased by 0.0067 ¢/m<sup>3</sup> to 0.8886 ¢/m<sup>3</sup> to make up the difference between our forecast cost of transporting natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.3323 ¢/m<sup>3</sup> to 7.0010 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0787 ¢/m<sup>3</sup> to 0.0787 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0644 ¢/m<sup>3</sup> to 1.2863 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 01 - North East customer using 2,200 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Transportation to Union Gas *	3.0273 ¢/m <sup>3</sup>	\$0.63
Transportation Price Adjustment	0.8886 ¢/m <sup>3</sup>	\$0.00
Storage	7.0010 ¢/m <sup>3</sup>	\$7.29
Storage Price Adjustment	0.0787 ¢/m <sup>3</sup>	\$0.00
Delivery First 100 m <sup>3</sup> Next 200 m <sup>3</sup> Next 200 m <sup>3</sup> Next 500 m <sup>3</sup> All Over 1,000 m <sup>3</sup>	9.3875 ¢/m <sup>3</sup> 9.1476 ¢/m <sup>3</sup> 8.7683 ¢/m <sup>3</sup> 8.4201 ¢/m <sup>3</sup> 8.1324 ¢/m <sup>3</sup>	\$6.24
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.2863 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$21.00	\$0.00
Total Annual Impact		<b>\$14.16</b>

\* Depending on the terms of your energy marketer contract, you may or may not be affected by Union Gas' changes to transportation rates. Contact your energy marketer directly at the telephone number on your bill with questions.



**Important Information About Your Rates**  
**February 2018**  
**Rate 10 - North West**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$370.99 for a typical Rate 10 - North West customer using 93,000 m<sup>3</sup> of natural gas a year.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Gas Used**

The gas commodity rate decreased by 0.0009 ¢/m<sup>3</sup> to 10.1878 ¢/m<sup>3</sup> based on our forecast of natural gas market prices for the next 12 months.

**Gas Price Adjustment**

The gas price adjustment rate decreased by 0.0002 ¢/m<sup>3</sup> to 0.2386 ¢/m<sup>3</sup> to make up the difference between our forecast cost of natural gas and actual costs from prior periods.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0002 ¢/m<sup>3</sup> to 6.0030 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Storage**

The storage rate increased by 0.1631 ¢/m<sup>3</sup> to 1.7062 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0316 ¢/m<sup>3</sup> to 0.0316 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0404 ¢/m<sup>3</sup> to 1.1261 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 10 - North West customer using 93,000 m<sup>3</sup> of natural gas a year.

<b>CHARGES</b>	<b>RATES at Jan. 1, 2018</b>	<b>ANNUAL increase or decrease</b>
Gas Used	10.1878 ¢/m <sup>3</sup>	-\$0.84
Gas Price Adjustment	0.2386 ¢/m <sup>3</sup>	\$0.00
Transportation to Union Gas	6.0030 ¢/m <sup>3</sup>	\$0.16
Transportation Price Adjustment	0.7845 ¢/m <sup>3</sup>	\$0.00
Storage	1.7062 ¢/m <sup>3</sup>	\$151.69
Storage Price Adjustment	0.0316 ¢/m <sup>3</sup>	\$0.00
Delivery First 1,000 m <sup>3</sup> Next 9,000 m <sup>3</sup> Next 20,000 m <sup>3</sup> Next 70,000 m <sup>3</sup> All Over 100,000 m <sup>3</sup>	7.9111 ¢/m <sup>3</sup> 6.4255 ¢/m <sup>3</sup> 5.7547 ¢/m <sup>3</sup> 5.1955 ¢/m <sup>3</sup> 3.0770 ¢/m <sup>3</sup>	\$219.98
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.1261 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$70.00	\$0.00
Total Annual Impact		<b>\$370.99</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate 10 - North West**  
**Energy Marketer Customer**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$371.83 for a typical Rate 10 - North West customer using 93,000 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0002 ¢/m<sup>3</sup> to 6.0030 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Storage**

The storage rate increased by 0.1631 ¢/m<sup>3</sup> to 1.7062 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0316 ¢/m<sup>3</sup> to 0.0316 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0404 ¢/m<sup>3</sup> to 1.1261 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 10 - North West customer using 93,000 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Transportation to Union Gas *	6.0030 ¢/m <sup>3</sup>	\$0.16
Transportation Price Adjustment	0.7845 ¢/m <sup>3</sup>	\$0.00
Storage	1.7062 ¢/m <sup>3</sup>	\$151.69
Storage Price Adjustment	0.0316 ¢/m <sup>3</sup>	\$0.00
Delivery First 1,000 m <sup>3</sup> Next 9,000 m <sup>3</sup> Next 20,000 m <sup>3</sup> Next 70,000 m <sup>3</sup> All Over 100,000 m <sup>3</sup>	7.9111 ¢/m <sup>3</sup> 6.4255 ¢/m <sup>3</sup> 5.7547 ¢/m <sup>3</sup> 5.1955 ¢/m <sup>3</sup> 3.0770 ¢/m <sup>3</sup>	\$219.98
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.1261 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$70.00	\$0.00
Total Annual Impact		<b>\$371.83</b>

\* Depending on the terms of your energy marketer contract, you may or may not be affected by Union Gas' changes to transportation rates. Contact your energy marketer directly at the telephone number on your bill with questions.

**Important Information About Your Rates**  
**February 2018**  
**Rate 10 - North East**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$486.34 for a typical Rate 10 - North East customer using 93,000 m<sup>3</sup> of natural gas a year.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Gas Used**

The gas commodity rate decreased by 0.0009 ¢/m<sup>3</sup> to 13.9075 ¢/m<sup>3</sup> based on our forecast of natural gas market prices for the next 12 months. This rate now includes transportation costs to Ontario.

**Gas Price Adjustment**

The gas price adjustment rate decreased by 0.0002 ¢/m<sup>3</sup> to 0.6533 ¢/m<sup>3</sup> to make up the difference between our forecast cost of natural gas and actual costs from prior periods.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0148 ¢/m<sup>3</sup> to 2.7757 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Transportation Price Adjustment**

The transportation price adjustment rate increased by 0.0027 ¢/m<sup>3</sup> to 0.9611 ¢/m<sup>3</sup> to make up the difference between our forecast cost of transporting natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.2725 ¢/m<sup>3</sup> to 4.9800 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0502 ¢/m<sup>3</sup> to 0.0502 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0404 ¢/m<sup>3</sup> to 1.1261 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 10 - North East customer using 93,000 m<sup>3</sup> of natural gas a year.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Gas Used	13.9075 ¢/m <sup>3</sup>	-\$0.84
Gas Price Adjustment	0.6533 ¢/m <sup>3</sup>	\$0.00
Transportation to Union Gas	2.7757 ¢/m <sup>3</sup>	\$13.77
Transportation Price Adjustment	0.9611 ¢/m <sup>3</sup>	\$0.00
Storage	4.9800 ¢/m <sup>3</sup>	\$253.43
Storage Price Adjustment	0.0502 ¢/m <sup>3</sup>	\$0.00
Delivery First 1,000 m <sup>3</sup> Next 9,000 m <sup>3</sup> Next 20,000 m <sup>3</sup> Next 70,000 m <sup>3</sup> All Over 100,000 m <sup>3</sup>	7.9111 ¢/m <sup>3</sup> 6.4255 ¢/m <sup>3</sup> 5.7547 ¢/m <sup>3</sup> 5.1955 ¢/m <sup>3</sup> 3.0770 ¢/m <sup>3</sup>	\$219.98
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.1261 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$70.00	\$0.00
Total Annual Impact		<b>\$486.34</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate 10 - North East**  
**Energy Marketer Customer**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$487.18 for a typical Rate 10 - North East customer using 93,000 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Transportation to Union Gas**

The transportation to Union Gas rate increased by 0.0148 ¢/m<sup>3</sup> to 2.7757 ¢/m<sup>3</sup> to reflect the increased cost of transporting natural gas.

**Transportation Price Adjustment**

The transportation price adjustment rate increased by 0.0027 ¢/m<sup>3</sup> to 0.9611 ¢/m<sup>3</sup> to make up the difference between our forecast cost of transporting natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.2725 ¢/m<sup>3</sup> to 4.9800 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0502 ¢/m<sup>3</sup> to 0.0502 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0404 ¢/m<sup>3</sup> to 1.1261 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate 10 - North East customer using 93,000 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Transportation to Union Gas *	2.7757 ¢/m <sup>3</sup>	\$13.77
Transportation Price Adjustment	0.9611 ¢/m <sup>3</sup>	\$0.00
Storage	4.9800 ¢/m <sup>3</sup>	\$253.43
Storage Price Adjustment	0.0502 ¢/m <sup>3</sup>	\$0.00
Delivery First 1,000 m <sup>3</sup> Next 9,000 m <sup>3</sup> Next 20,000 m <sup>3</sup> Next 70,000 m <sup>3</sup> All Over 100,000 m <sup>3</sup>	7.9111 ¢/m <sup>3</sup> 6.4255 ¢/m <sup>3</sup> 5.7547 ¢/m <sup>3</sup> 5.1955 ¢/m <sup>3</sup> 3.0770 ¢/m <sup>3</sup>	\$219.98
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	1.1261 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$70.00	\$0.00
Total Annual Impact		<b>\$487.18</b>

\* Depending on the terms of your energy marketer contract, you may or may not be affected by Union Gas' changes to transportation rates. Contact your energy marketer directly at the telephone number on your bill with questions.



**Important Information About Your Rates**  
**February 2018**  
**Rate M1 – South**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$9.34 for a typical Rate M1 – South customer using 2,200 m<sup>3</sup> of natural gas a year.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Gas Used**

The gas commodity rate decreased by 0.0009 ¢/m<sup>3</sup> to 13.6251 ¢/m<sup>3</sup> based on our forecast of natural gas market prices and transportation costs for the next 12 months. This rate includes transportation costs to Ontario.

**Gas Price Adjustment**

The gas price adjustment rate decreased by 0.0002 ¢/m<sup>3</sup> to 2.2891 ¢/m<sup>3</sup> to make up the difference between our forecast cost of natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.0178 ¢/m<sup>3</sup> to 0.7331 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0039 ¢/m<sup>3</sup> to 0.0039 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0825 ¢/m<sup>3</sup> to 0.5968 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate M1 – South customer using 2,200 m<sup>3</sup> of natural gas a year.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Gas Used	13.6251 ¢/m <sup>3</sup>	-\$0.03
Gas Price Adjustment	2.2891 ¢/m <sup>3</sup>	\$0.00
Transportation to Union Gas	0.0000 ¢/m <sup>3</sup>	\$0.00
Storage	0.7331 ¢/m <sup>3</sup>	\$0.37
Storage Price Adjustment	0.0039 ¢/m <sup>3</sup>	\$0.00
Delivery First 100 m <sup>3</sup> Next 150 m <sup>3</sup> All over 250 m <sup>3</sup>	5.0911 ¢/m <sup>3</sup> 4.8271 ¢/m <sup>3</sup> 4.1448 ¢/m <sup>3</sup>	\$9.00
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	0.5968 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$21.00	\$0.00
Total Annual Impact		<b>\$9.34</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate M1 – South**  
**Energy Marketer Customer**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$9.37 for a typical Rate M1 – South customer using 2,200 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Storage**

The storage rate increased by 0.0178 ¢/m<sup>3</sup> to 0.7331 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0039 ¢/m<sup>3</sup> to 0.0039 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0825 ¢/m<sup>3</sup> to 0.5968 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate M1 – South customer using 2,200 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Storage	0.7331 ¢/m <sup>3</sup>	\$0.37
Storage Price Adjustment	0.0039 ¢/m <sup>3</sup>	\$0.00
Delivery First 100 m <sup>3</sup> Next 150 m <sup>3</sup> All over 250 m <sup>3</sup>	5.0911 ¢/m <sup>3</sup> 4.8271 ¢/m <sup>3</sup> 4.1448 ¢/m <sup>3</sup>	\$9.00
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	0.5968 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$21.00	\$0.00
Total Annual Impact		<b>\$9.37</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate M2 – South**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$318.69 for a typical Rate M2 – South customer using 73,000 m<sup>3</sup> of natural gas a year.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Gas Used**

The gas commodity rate decreased by 0.0009 ¢/m<sup>3</sup> to 13.6251 ¢/m<sup>3</sup> based on our forecast of natural gas market prices and transportation costs for the next 12 months. This rate includes transportation costs to Ontario.

**Gas Price Adjustment**

The gas price adjustment rate decreased by 0.0002 ¢/m<sup>3</sup> to 2.2891 ¢/m<sup>3</sup> to make up the difference between our forecast cost of natural gas and actual costs from prior periods.

**Storage**

The storage rate increased by 0.0231 ¢/m<sup>3</sup> to 0.6483 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0049 ¢/m<sup>3</sup> to 0.0049 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0854 ¢/m<sup>3</sup> to 0.4217 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate M2 – South customer using 73,000 m<sup>3</sup> of natural gas a year.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Gas Used	13.6251 ¢/m <sup>3</sup>	-\$0.65
Gas Price Adjustment	2.2891 ¢/m <sup>3</sup>	\$0.00
Transportation to Union Gas	0.0000 ¢/m <sup>3</sup>	\$0.00
Storage	0.6483 ¢/m <sup>3</sup>	\$16.88
Storage Price Adjustment	0.0049 ¢/m <sup>3</sup>	\$0.00
Delivery First 1,000 m <sup>3</sup> Next 6,000 m <sup>3</sup> Next 13,000 m <sup>3</sup> All over 20,000 m <sup>3</sup>	5.0630 ¢/m <sup>3</sup> 4.9670 ¢/m <sup>3</sup> 4.7855 ¢/m <sup>3</sup> 4.4347 ¢/m <sup>3</sup>	\$302.46
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	0.4217 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$70.00	\$0.00
Total Annual Impact		<b>\$318.69</b>

**Important Information About Your Rates**  
**February 2018**  
**Rate M2 – South**  
**Energy Marketer Customer**

The Ontario Energy Board has approved changes to the rates Union Gas charges its customers effective January 1, 2018. The new rates will be charged beginning February 1, 2018. The enclosed bill uses the new rates which incorporate applicable temporary charges that do not affect the annual impacts on the back of this notice.

The total annual bill increase will be \$319.34 for a typical Rate M2 – South customer using 73,000 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

Note that this rate change recovers the costs related to delivering natural gas to you. These new and approved rates replace the rates communicated in the January 2018 rate notice you recently received.

**Storage**

The storage rate increased by 0.0231 ¢/m<sup>3</sup> to 0.6483 ¢/m<sup>3</sup> to reflect the increased cost of storing natural gas.

**Storage Price Adjustment**

The storage price adjustment rate increased by 0.0049 ¢/m<sup>3</sup> to 0.0049 ¢/m<sup>3</sup> to make up the difference between our forecast cost of storing natural gas and actual costs from prior periods.

**Delivery**

The delivery rates that vary with consumption increased based on our forecast cost of delivering natural gas to your home or business. Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you.

Visit [uniongas.com/capandtrade](http://uniongas.com/capandtrade) for more information.

**Delivery Price Adjustment**

The delivery price adjustment rate increased by 0.0854 ¢/m<sup>3</sup> to 0.4217 ¢/m<sup>3</sup> to make up the difference between our forecast cost of delivering natural gas and actual costs from prior periods.

## New Rates

The table below shows the new, approved rates used to calculate your natural gas bill as of Jan. 1, 2018. The annual impacts, excluding temporary price adjustments, are based on a typical Rate M2 – South customer using 73,000 m<sup>3</sup> of natural gas a year and buying gas from an energy marketer.

CHARGES	RATES at Jan. 1, 2018	ANNUAL increase or decrease
Storage	0.6483 ¢/m <sup>3</sup>	\$16.88
Storage Price Adjustment	0.0049 ¢/m <sup>3</sup>	\$0.00
Delivery		
First 1,000 m <sup>3</sup>	5.0630 ¢/m <sup>3</sup>	\$302.46
Next 6,000 m <sup>3</sup>	4.9670 ¢/m <sup>3</sup>	
Next 13,000 m <sup>3</sup>	4.7855 ¢/m <sup>3</sup>	
All over 20,000 m <sup>3</sup>	4.4347 ¢/m <sup>3</sup>	
Cap and Trade (included in Delivery on the bill)	3.3421 ¢/m <sup>3</sup>	\$0.00
Delivery Price Adjustment	0.4217 ¢/m <sup>3</sup>	\$0.00
Monthly Charge	\$70.00	\$0.00
Total Annual Impact		<b>\$319.34</b>



# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers in northern Ontario effective January 1, 2018. Your new rates are shown on the accompanying **Rate 20** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 delivery rates reflect a rate class average increase of 0.0026 cents/m<sup>3</sup> from the previously approved rates for Rate 20 customers. Individual customer impacts will vary.

Approved delivery commodity rates also reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. As a result of this change, approved January 1, 2018 delivery commodity rates include a decrease of 0.0005 cents/m<sup>3</sup>. Individual customer impacts will vary based on usage.

## **Gas Supply Charges**

New rates, **if applicable to your service**, reflect changes in Union Gas' forecast cost to purchase and transport natural gas for the next 12 months. In addition, there are changes due to the difference between the projected costs that Union Gas expects to pay and the amounts that Union Gas expects to recover through rates over the next 12 months. The changes by rate zones are detailed in the attached appendix.

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments. Union Gas does not earn income on the sale of the natural gas commodity and transportation. The price we pay for the gas commodity and transportation is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate changes, please call your account representative. Our staff will be pleased to answer your questions.

## **Bundled-T Storage Service**

The storage demand charge, **which applies to bundled storage service only**, has increased to \$20.569 per GJ, reflecting the change in forecast costs to provide the bundled storage service effective January 1, 2018.

Rate 20 + Appendix A (Rate 20)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers in northern Ontario effective January 1, 2018. Your new rates are shown on the accompanying **Rate 25** schedule. Changes in the rate levels are detailed in the attached appendix. The enclosed bill uses the new approved rates.

Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Individual customer impacts will vary.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate 25 + Appendix A + Appendix C (Rate 25)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers in northern Ontario effective January 1, 2018. Your new rates are shown on the accompanying **Rate 100** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 delivery rates reflect a rate class average decrease of 0.0010 cents/m<sup>3</sup> from the previously approved rates for Rate 100. Individual customer impacts will vary.

Approved delivery commodity rates also reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. Approved January 1, 2018 delivery commodity rates include no change.

## **Gas Supply Charges**

New rates, **if applicable to your service**, reflect changes in Union Gas' forecast cost to purchase and transport natural gas for the next 12 months. In addition, there are changes due to the difference between the projected costs that Union Gas expects to pay and the amounts that Union Gas expects to recover through rates over the next 12 months. The changes by rate zones are detailed on the attached appendix.

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments. Union Gas does not earn income on the sale of the natural gas commodity or transportation. The price we pay for the gas commodity and transportation is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

## **Bundled-T Storage Service**

The storage demand charge, **which applies to bundled storage service only**, has increased to \$20.569 per GJ, reflecting the change in forecast costs to provide the bundled storage service effective January 1, 2018.

Rate 100 + Appendix A (Rate 100)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M4** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 delivery rates reflect a rate class average increase of 0.5526 cents/m<sup>3</sup> from the previously approved rates for Rate M4 customers. Individual customer impacts will vary.

Approved delivery commodity rates also reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. As a result of this change, approved January 1, 2018 firm delivery commodity rates include a decrease of 0.0016 cents/m<sup>3</sup>. Individual customer impacts will vary based on usage.

## **Gas Supply**

The gas commodity charge, **if applicable to your service**, has decreased by 0.1061 cents/m<sup>3</sup> to 13.6251 cents/m<sup>3</sup>. This change reflects the decrease in Union Gas' forecast cost to purchase natural gas for the next 12 months. This charge includes transportation costs to Ontario.

In addition, there is a decrease of 1.1656 cents/m<sup>3</sup> related to the difference between the projected cost of natural gas that Union Gas expects to pay and the amounts that Union Gas expects to recover through its current gas commodity rate over the next 12 months. You will see the new rate on the "**Gas Price Adjustment**" line on your bill.

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments.

Union Gas does not earn income on the sale of the natural gas commodity. The price we pay for the gas commodity is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate M4 + Appendix A (Rate M4)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M5A** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 delivery rates reflect a rate class average increase of 0.0843 cents/m<sup>3</sup> from the previously approved rates for Rate M5A customers. Individual customer impacts will vary.

Approved delivery commodity rates also reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. As a result of this change, approved January 1, 2018 delivery commodity rates include a decrease of 0.0015 cents/m<sup>3</sup>. Individual customer impacts will vary based on usage.

## **Gas Supply**

The gas commodity charge, **if applicable to your service**, has decreased by 0.1061 cents/m<sup>3</sup> to 13.6251 cents/m<sup>3</sup>. This change reflects the decrease in Union Gas' forecast cost to purchase natural gas for the next 12 months. This charge includes transportation costs to Ontario.

In addition, there is a decrease of 1.1656 cents/m<sup>3</sup> related to the difference between the projected cost of natural gas that Union Gas expects to pay and the amounts that Union Gas expects to recover through its current gas commodity rate over the next 12 months. You will see the new rate on the "**Gas Price Adjustment**" line on your bill.

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments.

Union Gas does not earn income on the sale of the natural gas commodity. The price we pay for the gas commodity is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate M5A + Appendix A + Appendix C (Rate M5A)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M7** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Delivery rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 delivery rates reflect a rate class average increase of 0.5976 cents/m<sup>3</sup> from the previously approved rates for Rate M7 customers. Individual customer impacts will vary.

Approved delivery commodity rates also reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. As a result of this change, approved January 1, 2018 delivery commodity rates include a decrease of 0.0017 cents/m<sup>3</sup>. Individual customer impacts will vary based on usage.

## **Gas Supply**

The gas commodity charge, **if applicable to your service**, has decreased by 0.1061 cents/m<sup>3</sup> to 13.6251 cents/m<sup>3</sup>. This change reflects the decrease in Union Gas' forecast cost to purchase natural gas for the next 12 months. This charge includes transportation costs to Ontario.

In addition, there is a decrease of 1.1656 cents/m<sup>3</sup> related to the difference between the projected cost of natural gas that Union Gas expects to pay and the amounts that Union Gas expects to recover through its current gas commodity rate over the next 12 months. You will see the new rate on the "**Gas Price Adjustment**" line on your bill.

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments.

Union Gas does not earn income on the sale of the natural gas commodity. The price we pay for the gas commodity is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate M7 + Appendix A + Appendix C (Rate M7)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M9** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Approved 2018 delivery rates reflect a rate class average increase of 0.0433 cents/m<sup>3</sup> from the previously approved rates for Rate M9 customers. Individual customer impacts will vary.

Approved delivery commodity rates reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. As a result of this change, approved January 1, 2018 delivery commodity rates include a decrease of 0.0015 cents/m<sup>3</sup>. Individual customer impacts will vary based on usage.

## **Gas Supply**

The gas commodity charge, **if applicable to your service**, has decreased by 0.1061 cents/m<sup>3</sup> to 13.6251 cents/m<sup>3</sup>. This change reflects the decrease in Union Gas' forecast cost to purchase natural gas for the next 12 months. This charge includes transportation costs to Ontario.

In addition, there is a decrease of 1.1656 cents/m<sup>3</sup> related to the difference between the projected cost of natural gas that Union Gas expects to pay and the amounts that Union Gas expects to recover through its current gas commodity rate over the next 12 months. You will see the new rate on the "**Gas Price Adjustment**" line on your bill.

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments.

Union Gas does not earn income on the sale of the natural gas commodity. The price we pay for the gas commodity is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate M9 + Appendix A (Rate M9)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M10** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

## **Delivery**

Approved 2018 delivery rates reflect a rate class average increase of 0.4525 cents/m<sup>3</sup> from the previously approved rates for Rate M10 customers. Individual customer impacts will vary.

Approved delivery commodity rates reflect changes in the costs for compressor fuel, unaccounted for gas, and carrying costs of gas in inventory due to changes in the cost of gas. As a result of this change, approved January 1, 2018 delivery commodity rates include a decrease of 0.0021 cents/m<sup>3</sup>. Individual customer impacts will vary based on usage.

## **Gas Supply**

The gas commodity charge, **if applicable to your service**, has decreased by 0.1061 cents/m<sup>3</sup> to 13.6251 cents/m<sup>3</sup>. This change reflects the decrease in Union Gas' forecast cost to purchase natural gas for the next 12 months. This charge includes transportation costs to Ontario.

In addition, there is a decrease of 1.1656 cents/m<sup>3</sup> related to the difference between the projected cost of natural gas that Union Gas expects to pay and the amounts that Union Gas expects to recover through its current gas commodity rate over the next 12 months. You will see the new rate on the "**Gas Price Adjustment**" line on your bill

Adjusting your gas rate in this way ensures that you are billed at a rate that more closely reflects the market price of natural gas and avoids large out-of-period adjustments.

Union Gas does not earn income on the sale of the natural gas commodity. The price we pay for the gas commodity is passed on directly to customers with no profit included.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate M10 + Appendix A (Rate M10)  
[Rate schedule attached]



# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) has approved changes to the rates Union Gas charges its customers. New rates for **Rate R1** will be applied to bills effective January 1, 2018. Your new rates are shown on the accompanying rate schedule. Changes to supplemental service rates reflect changes in gas supply costs effective January 1, 2018.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate R1

[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate T1** schedule. Changes in the rates are detailed in the attached appendix. Changes to supplemental service rates reflect changes in gas supply costs effective January 1, 2018. The enclosed bill uses the new approved rates.

## **Storage and Transportation**

Transportation rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 storage and transportation rates reflect a rate class average increase of 0.2114 cents/m<sup>3</sup> from the previously approved rates for Rate T1. Individual customer impacts will vary.

Union's storage and transportation rates also reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. In addition, where Union provides storage deliverability inventory, there is a change to the carrying cost of gas in inventory due to the changes in the cost of gas. These changes will only impact customers who elect the Union supplied fuel option. Individual customer impacts will vary based on usage.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate T1 + Appendix A + Appendix C (Rate T1)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate T2** schedule. Changes in the rates are detailed in the attached appendix. Changes to supplemental service rates reflect changes in gas supply costs effective January 1, 2018. The enclosed bill uses the new approved rates.

## **Storage and Transportation**

Transportation rates include the Ontario government's cap-and-trade costs related to greenhouse gas emissions from the natural gas you use and that we use to deliver it to you. Some businesses with large emissions may need, or will be able, to acquire their own carbon units.

Approved 2018 storage and transportation rates reflect a rate class average increase of 0.1637 cents/m<sup>3</sup> from the previously approved rates for Rate T2. Individual customer impacts will vary.

Union's storage and transportation rates also reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. In addition, where Union provides storage deliverability inventory, there is a change to the carrying cost of gas in inventory due to the changes in the cost of gas. These changes will only impact customers who elect the Union supplied fuel option. Individual customer impacts will vary based on usage.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate T2 + Appendix A + Appendix C (Rate T2)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

January 2018

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate T3** schedule. Changes in the rates are detailed in the attached appendix. Changes to supplemental service rates reflect changes in gas supply costs effective January 1, 2018. The enclosed bill uses the new approved rates.

## **Storage and Transportation**

Approved 2018 storage and transportation rates reflect a rate class average increase of 0.0907 cents/m<sup>3</sup> from the previously approved rates for Rate T3. Individual customer impacts will vary.

Union's storage and transportation rates reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. In addition, where Union provides storage deliverability inventory, there is a change to the carrying cost of gas in inventory due to the changes in the cost of gas. These changes will only impact customers who elect the Union supplied fuel option. Individual customer impacts will vary based on usage.

We appreciate and thank you for your business. If you have any questions about the rate change, please call your Account Representative. Our staff will be pleased to answer your questions.

Rate T3 + Appendix A (Rate T3)  
[Rate schedule attached]

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

**January 2018**

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M12** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

Union's M12 Transportation rates and fuel ratios reflect changes in the overall cost of providing service to natural gas transportation customers.

Union's M12 commodity transportation rates reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. The change will only impact the commodity charge paid by Shippers who elect the Union supplied fuel option.

Union's M12 Cap-and-Trade facility-related charges include costs for Union's cap-and-trade obligation and are applied to all Shippers.

We appreciate and thank you for your business. If you have any questions about the rate changes please call your Account Representative. Our staff will be pleased to answer your questions.

Attachments: Rate M12 Rate Schedule and Appendix A

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

**January 2018**

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M13** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

Union's M13 Transportation rates and fuel ratios reflect changes in the overall cost of providing service to natural gas transportation customers.

Union's M13 commodity transportation rates reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. The change will only impact the commodity charge paid by Shippers who elect the Union supplied fuel option.

Union's M13 Cap-and-Trade facility-related charges include costs for Union's cap-and-trade obligation and are applied to all Shippers.

We appreciate and thank you for your business. If you have any questions about the rate changes please call your Account Representative. Our staff will be pleased to answer your questions.

Attachments: Rate M13 Rate Schedule and Appendix A

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

**January 2018**

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate M16** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

Union's M16 Transportation rates and fuel ratios reflect changes in the overall cost of providing service to natural gas transportation customers.

Union's M16 commodity transportation rates reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. The change will only impact the commodity charge paid by Shippers who elect the Union supplied fuel option.

Union's M16 Cap-and-Trade facility-related charges include costs for Union's cap-and-trade obligation and are applied to all Shippers.

We appreciate and thank you for your business. If you have any questions about the rate changes please call your Account Representative. Our staff will be pleased to answer your questions.

Attachments: Rate M16 Rate Schedule and Appendix A

# AN IMPORTANT NOTICE ABOUT YOUR GAS RATES

**January 2018**

The Ontario Energy Board (OEB) approved changes to the rates Union Gas charges customers effective January 1, 2018. Your new rates are shown on the accompanying **Rate C1** schedule. Changes in the rates are detailed in the attached appendix. The enclosed bill uses the new approved rates.

Union's C1 Transportation rates and fuel ratios reflect changes in the overall cost of providing service to natural gas transportation customers.

Union's C1 commodity transportation rates reflect changes in costs for compressor fuel and unaccounted for gas due to changes in the cost of gas. The change will only impact the commodity charge paid by Shippers who elect the Union supplied fuel option.

Union's C1 Cap-and-Trade facility-related charges include costs for Union's cap-and-trade obligation and are applied to all Shippers.

We appreciate and thank you for your business. If you have any questions about the rate changes please call your Account Representative. Our staff will be pleased to answer your questions.

Attachments: Rate C1 Rate Schedule and Appendix A



**APPENDIX E**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**MISCELLANEOUS NON-ENERGY CHARGES**

UNION GAS LIMITED  
Miscellaneous Non-Energy Charges

Line No.	Service	Fee
	Residential Customer Class Service	
1	Connection Charge	\$35
2	Temporary Seal - Turn-off (Seasonal)	\$22
3	Temporary Seal - Turn-on (Seasonal)	\$35
4	Landlord Turn-on	\$35
5	Disconnect/Reconnect for Non-Payment	\$65
	Commercial/Industrial Customer Class Service	
6	Connection Charge	\$38
7	Temporary Seal - Turn-off (Seasonal)	\$22
8	Temporary Seal - Turn-on (Seasonal)	\$38
9	Landlord Turn-on	\$38
10	Disconnect/Reconnect for Non-Payment	\$65
	Statement of Account/History Statements	
11	History Statement (previous year)	\$15/statement
12	History Statement (beyond previous year)	\$40/hour
13	Duplicate Bills * (if processed by system)	No charge
14	Duplicate Bills * (if manually processed)	\$15/statement
	Dispute Meter Test Charges	
15	Meter Test - Residential Meter	\$50 flat fee for removal and test
16	Meter Test - Commercial/Industrial Meter	Hourly charge based on actual costs
	Direct Purchase Administration Charges	
17	Monthly fee per bundled t-service contract or unbundled U2 contract	\$75.00
18	Monthly per customer fee	\$0.19
19	Invoice Vendor Adjustment (IVA) fee (for each successfully submitted IVA transaction)	\$1.09

Notes:

- \* Duplicate bill charges only apply when customer wants two copies of a bill. Lost bills from the last billing period will be replaced free of charge.

**APPENDIX F**  
**DECISION AND RATE ORDER**  
**UNION GAS LIMITED**  
**EB-2017-0087**  
**JANUARY 18, 2018**  
**ACCOUNTING ORDERS**

**UNION GAS LIMITED****Accounting Entries for  
Short-term Storage and Other Balancing Services  
Deferral Account No. 179-70**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -        Account No. 571  
Storage Revenue

Credit                -        Account No. 179-70  
Other Deferred Charges - Short-term Storage and Other Balancing Services

To record, as a debit (credit) in Deferral Account No. 179-70 the utility portion of actual net revenues for Short-term Storage and Other Balancing Services, less the 10% shareholder incentive to provide these services and less the net revenue forecast for these services as approved by the Board for ratemaking purposes. The utility portion of actual net revenues for Short-term Storage and Other Balancing Services is determined by allocating total margins received from the sale of these services based on the utility share of the total quantity of the services sold each calendar year. The utility share reflects the transactions supported by utility storage space (up to the 100 PJ cap – both planned and excess over planned).

Debit                -        Account No. 571  
Storage Revenue

Credit                -        Account No. 179-70  
Other Deferred Charges – Short-term Storage and Other Balancing Services

To record, as a credit in Deferral Account No. 179-70 payments by Union Gas Limited's non-utility business to its utility business for storage encroachment.

Debit                -        Account No. 179-70  
Other Deferred Charges - Short-term Storage and Other Balancing Services

Credit                -        Account No. 323  
Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-70, interest on the balance in Deferral Account No. 179-70. Simple interest will be computed monthly upon finalization of the year end balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Lost Revenue Adjustment Mechanism  
Deferral Account No. 179-75**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-75 Other Deferred Charges - Lost Revenue Adjustment Mechanism
Credit	-	Account No. 529 Other Sales

To record, as a debit (credit) in Deferral Account No. 179-75, the difference between actual margin reductions related to Union's DSM plans and the margin reduction included in gas delivery rates as approved by the Board.

Debit	-	Income Account No. 179-75 Other Deferred Charges - Lost Revenue Adjustment Mechanism
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-75, interest expense on the balance in Deferral Account No. 179-75. Simple interest will be computed monthly upon finalization of the year end balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Transportation Tolls and Fuel – Northern and Eastern Operations Area  
Deferral Account No. 179-100**

This account is applicable to the Northern and Eastern Operations of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-100 Other Deferred Charges - Transportation Tolls and Fuel – Northern and Eastern Operations Area
Credit	-	Account No. 663 Transportation of Gas by Others

To record, as a debit (credit) in Deferral Account No. 179-100, the difference in the costs between the actual per unit transportation and associated fuel costs and the forecast per unit transportation and associated fuel costs included in the rates as approved by the Board.

Debit	-	Account No. 179-100 Other Deferred Charges - Transportation Tolls and Fuel – Northern and Eastern Operations Area
Credit	-	Account No. 663 Transportation of Gas by Others

To record, as a debit (credit) in Deferral Account No. 179-100 charges that result from the Limited Balancing Agreement.

Debit	-	Account No. 500 Sales Revenue
Credit	-	Account No. 179-100 Other Deferred Charges - Transportation Tolls and Fuel – Northern and Eastern Operations Area

To record, as a credit (debit) in Deferral Account No. 179-100 revenue from T-Service customers for load balancing service resulting from the Limited Balancing Agreement.

Debit	-	Account No. 179-100 Other Deferred Charges - Transportation Tolls and Fuel – Northern and Eastern Operations Area
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-100 interest expense on the balance in Deferral Account No. 179-100. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Unbundled Services Unauthorized Storage Overrun  
Deferral Account No. 179-103**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A, prescribed under the Ontario Energy Board Act.

Debit	-	Account No.571 Storage Revenue
Credit	-	Account No. 179-103 Other Deferred Charges – Unbundled Services Unauthorized Storage Overrun

To record as a credit (debit) in Deferral Account No. 179-103 any unauthorized storage overrun charges incurred by customers electing unbundled service.

Debit	-	Account No. 179-103 Other Deferred Charges – Unbundled Services Unauthorized Storage Overrun
Credit	-	Account No. 323 Other Interest Expense

To record as a debit (credit) in Deferral Account No. 179-103, interest on the balance in Deferral Account No. 179-103. Simple interest will be computed on the monthly opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED****Accounting Entries for  
North Purchase Gas Variance Account  
Deferral Account No. 179-105**

This account is applicable to the Northern and Eastern Operations area of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                    -            Account No. 179-105  
   Other Deferred Charges – North Purchase Gas Variance Account

Credit                   -            Account No. 623  
   Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-105, the difference between the unit cost of gas purchased each month for the Northern and Eastern Operations area and the unit cost of gas included in the gas sales rates as approved by the Board, including the difference between the actual heat content of the gas purchased and the forecast heat content included in gas sales rates.

Debit                    -            Account No. 179-105  
   Other Deferred Charges - North Purchase Gas Variance Account

Credit                   -            Account No. 323  
   Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-105, interest expense on the balance in Deferral Account No. 179-105. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.



**UNION GAS LIMITED****Accounting Entries for  
South Purchase Gas Variance Account  
Deferral Account No. 179-106**

This account is applicable to the Southern Operations area of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                 -         Account No. 179-106  
                                  Other Deferred Charges – South Purchase Gas Variance Account

Credit                -         Account No. 623  
                                  Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-106, the difference between the unit cost of gas purchased each month for the Southern Operations and the unit cost of gas included in the gas sales rates as approved by the Board, including the difference between the actual heat content of the gas purchased and the forecast heat content included in gas sales rates.

Debit                 -         Account No. 179-106  
                                  Other Deferred Charges - South Purchase Gas Variance Account

Credit                -         Account No. 323  
                                  Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-106, interest expense on the balance in Deferral Account No. 179-106. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED****Accounting Entries for  
Spot Gas Variance Account  
Deferral Account No. 179-107**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -                Account No. 179-107  
Other Deferred Charges –Spot Gas Variance Account

Credit             -                Account No. 623  
Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-107, the difference between the unit cost of spot gas purchased each month and the unit cost of gas included in the gas sales rates as approved by the Board on the spot volumes purchased in excess of planned purchases.

Debit                -                Account No. 623  
Cost of Gas

Credit             -                Account No. 179-107  
Other Deferred Charges –Spot Gas Variance Account

To record, as a credit (debit) in Deferral Account No. 179-107, the approved gas supply charges recovered through the delivery component of rates.

Debit                -                Account No. 179-107  
Other Deferred Charges – Spot Gas Variance Account

Credit             -                Account No. 323  
Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-107, interest expense on the balance in Deferral Account No. 179-107. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Unabsorbed Demand Cost (UDC) Variance Account  
Deferral Account No. 179-108**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-108 Other Deferred Charges – Unabsorbed Demand Cost Variance Account
Credit	-	Account No. 663 Transportation of Gas by Others

To record, as a debit (credit) in Deferral Account No. 179-108, the difference between the actual unabsorbed demand costs incurred by Union and the amount of unabsorbed demand charges included in rates as approved by the Board.

Debit	-	Account No. 663 Transportation of Gas by Others
Credit	-	Account No. 179-108 Other Deferred Charges – Unabsorbed Demand Cost Variance Account

To record, as a credit (debit) in Deferral Account No. 179-108, the benefit from the temporary assignment of unutilized capacity under Union's transportation contracts to the Northern and Eastern Operations Area. The benefit will be equal to the recovery of pipeline demand charges and other charges resulting from the temporary assignment of unutilized capacity that have been included in gas sales rates.

Debit	-	Account No. 179-108 Other Deferred Charges – Unabsorbed Demand Cost Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-108, interest expense on the balance in Deferral Account No. 179-108. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Inventory Revaluation Account  
Deferral Account No. 179-109**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A, prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-109 Other Deferred Charges – Inventory Revaluation
Credit	-	Account No. 152 Gas in Storage - Available for Sale

To record, as a debit (credit) in Deferral Account No. 179-109, the decrease (increase) in the value of gas inventory available for sale to sales service customers due to changes in Union's weighted average cost of gas approved by the Board for rate making purposes.

Debit	-	Account No. 179-109 Other Deferred Charges – Inventory Revaluation Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-109, interest expense on the balance in Deferral Account No. 179-109. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Demand Side Management Variance Account  
Deferral Account No. 179-111**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                    -            Account No.179-111  
   Demand Side Management Variance Account

Credit                   -            Account No. 728  
   General Expense

To record as a debit (credit) in Deferral Account No. 179-111, the difference between actual and the approved direct DSM expenditure budget currently approved for recovery in rates, provided that any excess over the approved direct DSM expenditure budget does not exceed 15% of the direct DSM expenditure budget. Any excess over the approved direct DSM expenditure budget for the year must be for incremental DSM volume savings that are cost effective as determined by the Total Resource Cost Test.

Debit                    -            Account No.179-111  
   Other Deferred Charges – Demand Side Management Variance Account

Credit                   -            Account No. 323  
   Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-111, interest expense on the balance in Deferral Account No. 179-111. Simple interest will be computed monthly upon finalization of the year end balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Gas Distribution Access Rule (GDAR) Costs  
Deferral Account No. 179-112**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-112 Other Deferred Charges - Deferred Gas Distribution Access Rule (GDAR) Costs
Credit	-	Account No. 728 General Expense

To record, as a debit (credit) in Deferral Account No. 179-112 the difference between the actual costs required to implement the appropriate process and system changes to achieve compliance with GDAR and the costs included in rates as approved by the Board.

Debit	-	Account No. 179-112 Other Deferred Charges - Deferred Gas Distribution Access Rule (GDAR) Costs
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-112, interest on the balance in Deferral Account No. 179-112. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
CGAAP to IFRS Conversion Costs  
Deferral Account No. 179-120**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-120 Other Deferred Charges - CGAAP to IFRS Conversion Costs
Credit	-	Account No. 728 General Expense

To record, as a debit (credit) in Deferral Account No. 179-120 the difference between the actual incremental one-time administrative costs incurred to convert accounting policies and processes from their current compliance with Canadian Generally Accepted Accounting Principles (CGAAP) to their future compliance with International Financial Reporting Standards (IFRS) and the costs included in rates as approved by the Board.

Debit	-	Account No. 179-120 Other Deferred Charges - CGAAP to IFRS Conversion Costs
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-120, interest on the balance in Deferral Account No. 179-120. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Conservation Demand Management  
Deferral Account No. 179-123**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -                Account No. 312  
   Non-Gas Operating Revenue

Credit               -                Account No.179-123  
   Other Deferred Charges – Conservation Demand Management

To record, as a credit in Deferral Account No. 179-123, 50% of the actual revenues generated from the Conservation Demand Management (CDM) program that will be paid to customers upon approval by the Board for rate making purposes.

Debit                -                Account No.179-123  
   Other Deferred Charges – Conservation Demand Management

Credit               -                Account No. 323  
   Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-123, interest expense on the balance in Deferral Account No. 179-123. Simple interest will be computed monthly on the opening balance in the said account at the short term debt rate as approved by the Board in EB-2006-0117.



**UNION GAS LIMITED**

**Accounting Entries for  
Demand Side Management Incentive  
Deferral Account No. 179-126**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-126 Other Deferred Charges – Demand Side Management Incentive
Credit	-	Account No. 319 Other Income

To record, as a debit in Deferral Account No. 179-126, the shareholder incentive earned by the Company in relation to its Demand Side Management (DSM) Programs.

Debit	-	Account No. 179-126 Other Deferred Charges – Demand Side Management Incentive
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-126, interest on the balance in Deferral Account No. 179-126. Simple interest will be computed monthly on the opening balance in the said account at the short term debt rate as approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Upstream Transportation Optimization  
Deferral Account No. 179-131**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-131 Other Deferred Charges – Upstream Transportation Optimization
Credit	-	Account No. 626 Exchange Gas

To record as a debit in Deferral Account No. 179-131 a receivable from customers and a reduction in cost of gas for the unit rate of optimization revenues refunded to in-franchise customers multiplied by the actual distribution transportation volumes.

Debit	-	Account No. 579 Miscellaneous Operating Revenue
Credit	-	Account No. 179-131 Other Deferred Charges – Upstream Transportation Optimization

To record as a credit in Deferral Account No. 179-131 a payable to customers and a reduction in transportation revenue equal to the ratepayer portion (90%) of the actual net revenue from gas supply optimization activities.

Debit	-	Account No. 323 Other Interest Expense
Credit	-	Account No. 179-131 Other Deferred Charges – Upstream Transportation Optimization

To record, as a debit (credit) in Deferral Account No. 179-131, interest on the balance in Deferral Account No. 179-131. Simple interest will be computed monthly upon finalization of the year- end balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Deferral Clearing Variance Account  
Deferral Account No. 179-132**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-132 Other Deferred Charges – Deferral Clearing Variance Account
Credit	-	Account No. 179 Other Deferred Charges

To record as a debit (credit) in Deferral Account No. 179-132 a receivable from (payable to) ratepayers for the amount arising from differences between actual and forecast volumes used for the purposes of clearing non-gas commodity deferral account, earnings sharing and other balances.

Debit	-	Account No. 179-132 Other Deferred Charges – Deferral Clearing Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-132, interest on the balance in Deferral Account No. 179-132. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Normalized Average Consumption (NAC) Account  
Deferral Account No. 179-133**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-133 Normalized Average Consumption Account
Credit	-	Account No. 500 Sales Revenue

To record as a debit (credit) in Deferral Account No. 179-133 the variance in revenue resulting from the difference between forecast normalized average consumption (NAC) included in rates as approved by the Board and actual NAC for general service rate classes Rate M1, Rate M2, Rate 01, and Rate 10.

Debit	-	Account No. 179-133 Normalized Average Consumption Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-133, interest on the balance in Deferral Account No. 179-133. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Tax Variance Deferral Account  
Deferral Account No. 179-134**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-134 Tax Variance Deferral Account
Credit	-	Account No. 300 Operating Revenues

To record as a debit (credit) in Deferral Account No. 179-134 50% of the variance in costs resulting from the difference between the actual tax rates and the approved tax rates included in rates as approved by the Board.

Debit	-	Account No. 179-134 Tax Variance Deferral Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-134, interest on the balance in Deferral Account No. 179-134. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Unaccounted for Gas (UFG) Volume Variance Account  
Deferral Account No. 179-135**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-135 UFG Volume Variance Account
Credit	-	Account No. 654 Gas Losses

To record as a debit (credit) in Deferral Account No. 179-135 the difference between the UFG recovered in revenue at rates approved by the Board and the actual cost of UFG expensed, in excess of \$5 million.

Debit	-	Account No. 179-135 UFG Volume Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-135, interest on the balance in Deferral Account No. 179-135. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED****Accounting Entries for  
Parkway West Project Costs  
Deferral Account No. 179-136**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -        Account No.179-136  
                                 Other Deferred Charges – Parkway West Project Costs

Credit               -        Account No. 579  
                                 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-136, the difference between the actual revenue requirement related to the costs for the Parkway West Project and the revenue requirement included in rates as approved by the Board.

Debit                -        Account No.179-136  
                                 Other Deferred Charges – Parkway West Project Costs

Credit               -        Account No. 323  
                                 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-136, interest on the balance in Deferral Account No. 179-136. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED****Accounting Entries for  
Brantford-Kirkwall/Parkway D Project Costs  
Deferral Account No. 179-137**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -        Account No.179-137  
                                 Other Deferred Charges – Brantford-Kirkwall/Parkway D Project Costs

Credit               -        Account No. 579  
                                 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-137, the difference between the actual revenue requirement related to the costs for the Brantford-Kirkwall/Parkway D Project and the revenue requirement included in rates as approved by the Board.

Debit                -        Account No.179-137  
                                 Other Deferred Charges – Brantford-Kirkwall/Parkway D Project Costs

Credit               -        Account No. 323  
                                 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-137, interest on the balance in Deferral Account No. 179-137. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.



**UNION GAS LIMITED**

**Accounting Entries for  
Parkway Obligation Rate Variance  
Deferral Account No. 179-138**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-138 Other Deferred Charges – Parkway Obligation Rate Variance
Credit	-	Account No. 300 Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-138, the rate variances associated with the timing differences between the effective date of the Parkway delivery obligation changes and the temporary capacity and the inclusion of the cost impacts in approved rates (January 1 of the following year).

Debit	-	Account No.179-138 Other Deferred Charges – Parkway Obligation Rate Variance
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-138, interest on the balance in Deferral Account No. 179-138. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Unaccounted for Gas (UFG) Price Variance Account  
Deferral Account No. 179-141**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-141 Other Deferred Charges - UFG Price Variance Account
Credit	-	Account No. 179-106/105 Other Deferred Charges – South/North Purchase Gas Variance Accounts

To record as a debit (credit) in Deferral Account No. 179-141, the variance between the actual price of Union's purchases and the applicable Board-approved reference price, applied to Union's actual experienced UFG volumes.

Debit	-	Account No. 179-141 Other Deferred Charges - UFG Price Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-141, interest on the balance in Deferral Account No. 179-141. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED****Accounting Entries for  
Lobo C Compressor/Hamilton to Milton Pipeline Project Costs  
Deferral Account No. 179-142**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -        Account No.179-142  
                                 Other Deferred Charges – Lobo C Compressor/Hamilton to Milton Pipeline Project Costs

Credit               -        Account No. 579  
                                 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-142, the difference between the actual revenue requirement related to the costs for the Lobo C Compressor/Hamilton to Milton Pipeline Project and the revenue requirement included in rates as approved by the Board.

Debit                -        Account No.179-142  
                                 Other Deferred Charges – Lobo C Compressor/Hamilton to Milton Pipeline Project Costs

Credit               -        Account No. 323  
                                 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-142, interest on the balance in Deferral Account No. 179-142. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Unauthorized Overrun Non-Compliance Account  
Deferral Account No. 179-143**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 500 Sales Revenue
Credit	-	Account No. 179-143 Other Deferred Charges – Unauthorized Overrun Non-Compliance Account

To record as a credit (debit) in Deferral Account No. 179-143 any unauthorized overrun non-compliance charges incurred by interruptible distribution customers for not complying with a distribution interruption.

Debit	-	Account No. 323 Other Interest Expense
Credit	-	Account No. 179-143 Other Deferred Charges – Unauthorized Overrun Non-Compliance Account

To record, as a credit (debit) in Deferral Account No. 179-143, interest on the balance in Deferral Account No. 179-143. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Dawn H/Lobo D/Bright C Compressor Project Costs  
Deferral Account No. 179-144**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-144 Other Deferred Charges – Dawn H/Lobo D/Bright C Compressor Project Costs
Credit	-	Account No. 579 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-144, the difference between the actual revenue requirement related to the costs for the Dawn H/Lobo D/Bright C Compressor Project and the revenue requirement included in rates as approved by the Board.

Debit	-	Account No.179-144 Other Deferred Charges – Dawn H/Lobo D/Bright C Compressor Project Costs
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-144, interest on the balance in Deferral Account No. 179-144. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Transportation Tolls and Fuel – Union North West Operations Area  
Deferral Account No. 179-145**

This account is applicable to the North West Operations of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-145 Other Deferred Charges – Transportation Tolls and Fuel – Union North West Operations Area
Credit	-	Account No. 623 Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-145, the difference in the costs between the actual cost of the transportation portfolio to serve Union North West delivery areas including associated fuel costs and the forecast cost of the transportation portfolio to serve these areas including associated forecast fuel costs as approved by the Board.

Debit	-	Account No. 179-145 Other Deferred Charges - Transportation Tolls and Fuel – Union North West Operations Area
Credit	-	Account No. 623 Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-145 charges that result from the Limited Balancing Agreement.

Debit	-	Account No. 500 Sales Revenue
Credit	-	Account No. 179-145 Other Deferred Charges - Transportation Tolls and Fuel – Union North West Operations Area

To record, as a credit (debit) in Deferral Account No. 179-145 revenue from T-Service customers for load balancing service resulting from the Limited Balancing Agreement.

Debit	-	Account No. 179-145 Other Deferred Charges - Transportation Tolls and Fuel – Union North West Operations Area
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-145 interest expense on the balance in Deferral Account No. 179-145. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Transportation Tolls and Fuel – Union North East Operations Area  
Deferral Account No. 179-146**

This account is applicable to the North East Operations of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-146 Other Deferred Charges – Transportation Tolls and Fuel – Union North East Operations Area
Credit	-	Account No. 623 Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-146, the difference in the costs between the actual cost of the transportation portfolio to serve Union North East delivery areas including associated fuel costs and the forecast cost of the transportation portfolio to serve these areas including associated forecast fuel costs as approved by the Board.

Debit	-	Account No. 179-146 Other Deferred Charges - Transportation Tolls and Fuel – Union North East Operations Area
Credit	-	Account No. 623 Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-146 charges that result from the Limited Balancing Agreement.

Debit	-	Account No. 500 Sales Revenue
Credit	-	Account No. 179-146 Other Deferred Charges - Transportation Tolls and Fuel – Union North East Operations Area

To record, as a credit (debit) in Deferral Account No. 179-146 revenue from T-Service customers for load balancing service resulting from the Limited Balancing Agreement.

Debit	-	Account No. 179-146 Other Deferred Charges - Transportation Tolls and Fuel – Union North East Operations Area
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-146 interest expense on the balance in Deferral Account No. 179-146. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
 Union North West Purchase Gas Variance Account  
Deferral Account No. 179-147**

This account is applicable to the North West delivery areas of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-147 Other Deferred Charges – Union North West Purchase Gas Variance Account
Credit	-	Account No. 623 Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-147, the difference between the unit cost of gas purchased each month for the Union North West delivery areas and the unit cost of gas included in the gas sales rates as approved by the Board, including the difference between the actual heat content of the gas purchased and the forecast heat content included in gas sales rates.

Debit	-	Account No. 179-147 Other Deferred Charges - Union North West Purchase Gas Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-147, interest expense on the balance in Deferral Account No. 179-147. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.



**UNION GAS LIMITED****Accounting Entries for  
Union North East Purchase Gas Variance Account  
Deferral Account No. 179-148**

This account is applicable to the North East delivery areas of Union Gas Limited. Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-148 Other Deferred Charges – Union North East Purchase Gas Variance Account
Credit	-	Account No. 623 Cost of Gas

To record, as a debit (credit) in Deferral Account No. 179-148, the difference between the unit cost of gas purchased each month for the Union North East delivery areas and the unit cost of gas included in the gas sales rates as approved by the Board, including the difference between the actual heat content of the gas purchased and the forecast heat content included in gas sales rates.

Debit	-	Account No. 179-148 Other Deferred Charges - Union North East Purchase Gas Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-148, interest expense on the balance in Deferral Account No. 179-148. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Burlington Oakville Project Costs  
Deferral Account No. 179-149**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -                Account No.179-149  
   Other Deferred Charges – Burlington Oakville Project Costs

Credit               -                Account No. 579  
   Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-149, the difference between the actual revenue requirement related to the costs for the Burlington Oakville Project and the revenue requirement included in rates as approved by the Board.

Debit                -                Account No.179-149  
   Other Deferred Charges – Burlington Oakville Project Costs

Credit               -                Account No. 323  
   Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-149, interest on the balance in Deferral Account No. 179-149. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Demand Side Management Cost-Efficiency Incentive Deferral Account (“DSMCEIDA”)  
Deferral Account No. 179-150**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 728 General Expense
Credit	-	Account No. 179-150 Other Deferred Charges – DSMCEIDA

The purpose of the DSMCEIDA is to record, as a credit in Deferral Account No. 179-150, the differences between Union Gas Limited’s (Union or the Company) annual approved DSM budget and the actual amounts spent to achieve the total aggregate annual lifetime savings (cumulative cubic metres of natural gas, or CCM) targets made up of all 100% CCM targets across all programs, in accordance with program evaluation results. Any OEB-approved DSMCEIDA amounts will be available to use in meeting the Company’s targets in a subsequent year over the 2015-2020 DSM term.

**UNION GAS LIMITED**

**Accounting Entries for  
OEB Cost Assessment Variance Account  
Deferral Account No. 179-151**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No. 179-151 Other Deferred Charges – OEB Cost Assessment Variance Account
Credit	-	Account No. 728 General Expense

To record as a debit (credit) in Deferral Account No. 179-151 any differences between OEB cost assessments currently built into rates, and cost assessments that will result from the application of the new cost assessment model effective April 1, 2016.

Debit	-	Account No. 179-151 Other Deferred Charges – OEB Cost Assessment Variance Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-151, interest on the balance in Deferral Account No. 179-151. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Greenhouse Gas Emissions Impact Deferral Account  
Deferral Account No. 179-152**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit                -        Account No.179-152  
                                 Other Deferred Charges – Greenhouse Gas Emissions Impact Deferral Account

Credit               -        Account No. 728  
                                 General Expense

To record, as a debit (credit) in Deferral Account No. 179-152, the administrative costs associated with the impacts of provincial and federal regulations related to greenhouse gas emission requirements.

Debit                -        Account No.179-152  
                                 Other Deferred Charges – Greenhouse Gas Emissions Impact Deferral Account

Credit               -        Account No. 323  
                                 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-152, interest on the balance in Deferral Account No. 179-152. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Base Service North T-Service TransCanada Capacity Deferral Account  
Deferral Account No. 179-153**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-153 Other Deferred Charges – Base Service North T-Service TransCanada Capacity Deferral Account
Credit	-	Account No. 140 Accounts Receivable - Customers

To record, as a debit (credit) in Deferral Account No. 179-153, the differences between revenues and costs for the excess capacity from Parkway to the Union Point of Receipt as part of the Base Service offering of the North T-Service Transportation from Dawn.

Debit	-	Account No. 179-153 Other Deferred Charges - Base Service North T-Service TransCanada Capacity Deferral Account
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-153 interest expense on the balance in Deferral Account No. 179-153. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Greenhouse Gas Emissions Compliance Obligation – Customer-Related  
Deferral Account No. 179-154**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-154 Other Deferred Charges – Greenhouse Gas Emissions Compliance Obligation – Customer-Related
Credit	-	Account No. 579 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-154, the variance between actual customer-related obligation costs and customer-related obligation costs recovered in rates as approved by the Board.

Debit	-	Account No.179-154 Other Deferred Charges – Greenhouse Gas Emissions Compliance Obligation – Customer-Related
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-154, interest on the balance in Deferral Account No. 179-154. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

**UNION GAS LIMITED**

**Accounting Entries for  
Greenhouse Gas Emissions Compliance Obligation – Facility-Related  
Deferral Account No. 179-155**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-155 Other Deferred Charges – Greenhouse Gas Emissions Compliance Obligation – Facility-Related
Credit	-	Account No. 579 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-155, the variance between actual facility-related obligation costs and facility-related obligation costs recovered in rates as approved by the Board.

Debit	-	Account No.179-155 Other Deferred Charges – Greenhouse Gas Emissions Compliance Obligation – Facility-Related
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-155, interest on the balance in Deferral Account No. 179-155. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.



**UNION GAS LIMITED**

**Accounting Entries for  
Panhandle Reinforcement Project Costs  
Deferral Account No. 179-156**

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit	-	Account No.179-156 Other Deferred Charges – Panhandle Reinforcement Project Costs
Credit	-	Account No. 579 Miscellaneous Operating Revenue

To record, as a debit (credit) in Deferral Account No. 179-156, the difference between the actual net delivery revenue requirement related to the costs for the Panhandle Reinforcement Project and the net delivery revenue requirement included in rates as approved by the Board.

Debit	-	Account No.179-156 Other Deferred Charges – Panhandle Reinforcement Project Costs
Credit	-	Account No. 323 Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-156, interest on the balance in Deferral Account No. 179-156. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.