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VIA RESS, EMAIL and COURIER

September 11, 2019

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

Dear Ms. Walli:

**Re: EB-2019-0193 – Enbridge Gas Inc. – October 1, 2019
Quarterly Rate Adjustment Mechanism (“QRAM”) Application**

Effective January 1, 2019, Enbridge Gas Distribution Inc. (“EGD”) and Union Gas Limited (“Union”) amalgamated to become Enbridge Gas Inc. (“Enbridge Gas”). Enclosed is an application and supporting evidence from Enbridge Gas requesting an order approving or fixing rates within both the EGD rate zone and Union rate zones¹ for the sale, distribution, storage, and transmission of natural gas effective October 1, 2019.

This application is submitted in accordance with the Board’s EB-2008-0106 Decision and includes a schedule for: the review and comment of intervenors and Board staff; Enbridge Gas’s response to any comments; and the Board’s Decision and Order. A full list of the evidence supporting this application is provided in the exhibit list found at Exhibit A, Tab 1, Schedule 1.

EGD Rate Zone

Relevant to the EGD rate zone the proposed EGD Rate Zone Purchased Gas Variance Account Reference Price (“PGVA Reference Price”) is \$140.031/10³m³ (\$3.634/GJ @ 38.53 MJ/m³), representing a decrease of \$13.303/10³m³ (\$0.346/GJ @ 38.53 MJ/m³). The result of the change noted above is a decrease to the total bill for a typical residential customer on system gas of approximately \$50.96 or 5.3% annually and, for a typical direct purchase residential customer, a decrease to the total bill of \$3.33 or 0.5% annually².

Union Rate Zones

Relevant to the Union rate zones the proposed Alberta Border Reference Price, based on the current 21-day strip price, is \$2.341/GJ. This represents a decrease of

¹ Collectively, the Union North West, Union North East and Union South rate zones are referred to as “Union rate zones”. Union North West and Union North East are collectively referred to as “Union North”.

² Values shown include EGD Rider C

\$0.300/GJ. The proposed Dawn Reference Price, based on the current 21-day strip price, is \$2.922/GJ. This represents a decrease of \$0.419/GJ. Enbridge Gas is also proposing to prospectively dispose of a projected 12-month net gas cost deferral account net credit of \$1.657 million specific to the Union rate zones.

The result of the change noted above is a net annual bill decrease for residential sales service customers of \$65.77 in Union South, \$23.47 in Union North West, and \$70.82 in Union North East. Bundled direct purchase customers will see a net annual bill decrease of \$0.65 in Union South, \$8.60 in Union North West, and \$4.21 in Union North East.

Additional Items

In addition to updating rates in the EGD and Union rate zones in accordance with Enbridge Gas's Board-approved QRAM methodologies, October 1, 2019 rates will reflect the rate adjustments outlined in Enbridge Gas's 2016-2018 Cap-and-Trade Deferral & Variance Account Draft Rate Order (EB-2018-0331), filed on August 30, 2019 in response to the Board's Decision and Order dated August 22, 2019. Also, as described in Exhibit B, Tab 1, Schedule 1, paragraph 2, Enbridge Gas has corrected an error in its July 1, 2019 QRAM application (EB-2019-0155) described in a letter to the Board dated June 17, 2019.

Enbridge Gas is concurrently serving an electronic copy of the application with supporting evidence in PDF format, or a hard copy (binder format) by courier if requested, on all interested parties in the EB-2008-0106, EB-2017-0086 and EB-2017-0087 proceedings. This complete evidence package is also available electronically in searchable PDF format through the following link on Enbridge Gas's website:
<https://www.enbridgegas.com/en/Regulatory-Proceedings>

Should you have any questions on this matter please contact me at 416-495-7468.

Sincerely,

(Original Signed)

Brandon Ott
Technical Manager, Regulatory Applications

Cc: Tania Persad, Enbridge Gas
All Interested Parties EB-2008-0106, EB-2017-0086 & EB-2017-0087

A – Administration

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>A</u>	1	1	Exhibit List	B. Ott
	2	1	Application	T. Persad
	3	1	Typical Residential Customer Total Bill Impacts	J. Collier A. Mikhaila R. Stevenson

B – EGD Rate Zone: Written Evidence

<u>B</u>	1	1	Forecast of Gas Costs	N. Brunner
	2	1	Annualized Impact of the October 1, 2019 Quarterly Rate Adjustment on Enbridge Gas's Fiscal 2019 Rates and Revenue Requirement	R. Small
	3	1	Working Cash and Cost Allocation	B. So
	4	1	Rate Design - Quarterly Rate Adjustment Mechanism	J. Collier

C – EGD Rate Zone: Supporting Schedules

<u>C</u>	1	1	Summary of Gas Cost to Operations	N. Brunner
		2	Component of the Purchased Gas Variance Account – Gas Acquisition Costs	N. Brunner
		3	Component of the Purchased Gas Variance Account – Gas in Inventory Re-Valuation	N. Brunner
		4	Monthly Pricing Information	N. Brunner
		5	Extraction Review	N. Brunner

C – EGD Rate Zone: Supporting Schedules

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

C – EGD Rate Zones: Supporting Schedules

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>C</u>	4	5	Detailed Revenue Calculations EB-2019-0095vs. EB-2019-0155	J. Collier
		6	Annual Bill Comparisons EB-2019-0155 vs. EB-2019-0193	J. Collier
		7	Annual Bill Comparisons Federal Carbon for Non-OBPS and Rider K Bill 32	J. Collier
		8	Annual Bill Comparisons Federal Carbon for OBPS and Rider K Bill 32	J. Collier
		9	Rate Handbook	J. Collier
		10	Rate Rider Summary	J. Collier

D - Union Rate Zones: Written Evidence

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>D</u>	1	1	Gas Supply	N. Brunner K. Vince
	2	1	Rate Design - Quarterly Rate Adjustment Mechanism	A. Mikhaila R. Stevenson

E - Union Rate Zones: Supporting Schedules

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>E</u>	1	1	Calculation of Alberta Border and Dawn Reference Prices	N. Brunner K. Vince

E - Union Rate Zones: Supporting Schedules

<u>Exhibit</u>	<u>Tab</u>	<u>Schedule</u>	<u>Contents of Schedule</u>	<u>Witnesses</u>
<u>E</u>	1	2	Summary of Gas Supply Deferral Accounts	N. Brunner K. Vince
	2	1	Derivation of Gas Supply Commodity Charges	A. Mikhaila R. Stevenson
		2	Derivation of Unit Rate Changes related to Union North Transportation and Storage Rates	A. Mikhaila R. Stevenson
		3	Derivation of Unit Rate Changes related to Gas Costs in Distribution Rates	A. Mikhaila R. Stevenson
		4	Derivation of Amounts and Unit Rates for Prospective Recovery	A. Mikhaila R. Stevenson
		5	General Service Customer Bill Impacts	A. Mikhaila R. Stevenson
		6	Calculation of Supplemental Charges	A. Mikhaila R. Stevenson
		7	Rate Order - Index of Appendices: Appendix A – Summary of Changes to Rates Appendix B – Rate Schedules Appendix C – Summary of Average Interruptible Rate and Price Adjustment Changes Appendix D – Customer Notices Appendix E – Miscellaneous	A. Mikhaila R. Stevenson

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 Enbridge Gas Inc. pursuant to Section 36(1) of the *Ontario Energy Board Act, 1998*, S.O. 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 October 1, 2019.

APPLICATION

1. Enbridge Gas Distribution Inc. (“EGD”) and Union Gas Limited (“Union”) (together the “Utilities”) were Ontario corporations incorporated under the laws of the Province of Ontario carrying on the business of selling, distributing, transmitting, and storing natural gas within the meaning assigned in the *Ontario Energy Board Act, 1998* (the “Act”). Effective January 1, 2019 the Utilities amalgamated to become Enbridge Gas Inc. (“Enbridge Gas”). Following amalgamation, Enbridge Gas has maintained the existing rates zones of EGD and Union (the EGD, Union North West, Union North East and Union South rate zones)¹.
2. EGD was an applicant in a proceeding before the Ontario Energy Board (“Board”) to fix just and reasonable rates and other charges for the sale, distribution and storage of natural gas effective January 1, 2018 for the EGD rate zone under Board Docket Number EB-2017-0086. The rates were approved in the Board’s EB-2017-0086 Rate Order in EGD’s 2018 Rates application dated December 7, 2017 and were subsequently updated quarterly and approved by the Board most recently in the EB-2019-0155 July, 2019 Quarterly Rate Adjustment (“QRAM”) proceeding.
3. Union was an applicant in a proceeding before the Board to fix just and reasonable rates and other charges for the sale, distribution and storage of natural gas effective January

¹ Collectively, the Union North West, Union North East and Union South rates zones are referred to as “Union rate zones”. Union North West and Union North East are collectively referred to as “Union North”.

1, 2018 for the Union rate zones under Board Docket Number EB-2017-0087. The rates were approved in the Board's EB-2017-0087 Rate Order in Union's 2018 Rates application dated January 18, 2018 which were subsequently updated quarterly and approved by the Board most recently in the EB-2019-0155 July, 2019 QRAM proceeding.

4. In a Decision dated December 3, 2018, the Board instructed Union and EGD that their current Schedule of Rates and Charges will be made interim as of January 1, 2019 and will continue until such time as a final rate order is issued by the Board in EB-2018-0305.²

EGD Rate Zone

5. Pursuant to Section 36(1) of the Act, and the QRAM approved by the Board, the Applicant hereby applies to the Board for further Orders effective October 1, 2019 applicable to the EGD rate zone as follows:
 - (a) an Order establishing an updated PGVA Reference Price for the fourth quarter of 2019 using the prescribed methodology. The PGVA Reference Price approved for the EGD rate zone in EB-2019-0155 was \$153.334/10³m³ (\$3.980/GJ @ 38.53 MJ/m³). The recalculated utility price is \$140.031/10³m³ (\$3.634/GJ @ 38.53 MJ/m³);
 - (b) an Order establishing the Rider C unit rate for residential customers. The unit rate shall be 0.8674¢/m³ for sales service, 0.2133¢/m³ for Western T-service, and 0.3367¢/m³ for Ontario T-service and Dawn T-service; and,
 - (c) such further Order or Orders as Enbridge Gas may request and the Board may deem appropriate or necessary.

Union Rate Zones

² EB-2018-0305, Interim Rate Order.

6. Pursuant to Section 36(1) of the Act, and the QRAM approved by the Board, the Applicant hereby applies to the Board for further Orders effective October 1, 2019 applicable to the Union rate zones as follows:

a) an Order establishing the reference prices specified in the table below:

	Previous QRAM (Effective Jul. 1, 2019)	Proposed (Effective Oct. 1, 2019)
Alberta Border Reference Price ²	2.641 \$/GJ 10.2946 cents/m ³	2.341 \$/GJ 9.1252 cents/m ³
Dawn Reference Price ³	3.341 \$/GJ 13.0232 cents/m ³	2.922 \$/GJ 11.3900 cents/m ³

Notes:

² *The Alberta Border Reference Price represents the Union North West Purchase Gas Variance Account (Deferral Account No. 179-147) reference price, and the Spot Gas Variance Account (Deferral Account No. 179-107) reference price for incremental gas purchased at Empress.*

³ *The Dawn Reference Price represents the South Purchase Gas Variance Account ("SPGVA") (Deferral Account No. 179-106) reference price, the Union North East Purchase Gas Variance Account (Deferral Account No. 179-148) reference price, the Spot Gas Variance Account (Deferral Account No. 179-107) reference price for incremental gas purchased at Dawn.*

- (a) an Order to reflect the inventory revaluation adjustment resulting from changes in gas costs as of October 1, 2019;
- (b) an Order reflecting the prospective disposition of the projected balance for the twelve month period ending September 30, 2020 recorded in the gas-supply deferral accounts;
- (c) an Order reflecting adjustments to delivery rates to account for cost of gas changes in the carrying costs of gas in inventory, compressor fuel, and UFG;
- (d) an Order reflecting adjustments to Union North storage and transportation rates to account for changes in upstream costs; and,

- (e) such further Order or Orders as Enbridge Gas may request and the Board may deem appropriate or necessary.

Regulatory Framework

7. This application is supported by written evidence that has been pre-filed with the Board and provided by Enbridge Gas to all intervenors of record in EB-2017-0086, EB-2017-0087 and EB-2008-0106.
8. Pursuant to the criteria established in the Board's EB-2008-0106 Decision, below is the Board's direction with respect to the timeline for processing the application:
 - Any responsive comments from interested parties are filed with the Board, and served on Enbridge Gas and the other interested parties, on or before September 16, 2019.
 - Any reply comments from Enbridge Gas are filed with the Board, and served on all interested parties, on or before September 18, 2019.
9. Enbridge Gas requests the Board issue its Decision and Order by September 24, 2019 for implementation effective October 1, 2019.
10. The following procedures are prescribed for cost claims relating to QRAM applications, as directed by the Board:
 - Parties that meet the eligibility criteria contained in the Board's Practice Direction on Cost Awards may submit costs with supporting rationale as to how their participation contributed to the Board's ability to decide on this matter.
 - Any party eligible for an award of costs must file a claim with the Board and Enbridge Gas no later than ten days from the date of the Board's decision and order. Should Enbridge Gas have any comments concerning any of the claims, these concerns shall be forwarded to the Board and to the claimant within seven

days of receiving the claims. Any response to Enbridge Gas's comments must be filed with the Board and Enbridge Gas within seven days of receiving the comments

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

Mr. Brandon Ott
Technical Manager, Regulatory Applications

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Ms. Tania Persad
Senior Legal Counsel, Regulatory

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Willowdale, Ontario
M2J 1P8

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

Dated: September 11, 2019

ENBRIDGE GAS INC.

(Original Signed)

Brandon Ott
Technical Manager, Regulatory Applications

Enbridge Gas Inc.
 Typical Residential Customer Total Bill Impacts
 Proposed Rates Effective October 1, 2019 Compared to Current Approved Rates Effective August 1, 2019

		EGD			Union South				
		1-Oct-19 EB-2019-0193	01-Aug-19 (1) EB-2019-0155/ EB-2018-0205	(A) - (B)	1-Oct-19 EB-2019-0193	01-Aug-19 (1) EB-2019-0155/ EB-2018-0205	(A) - (B)	CHANGE	
		(A)	(B)	(A) - (B)	(A)	(B)	(A) - (B)	%	
1.0	VOLUME	m ³	2,400	2,400	0	2,200	2,200	0	0.0%
2.1	CUSTOMER CHG.	\$	252.00	252.00	0.00	264.00	264.00	0.00	0.0%
2.2	DISTRIBUTION CHG.	\$	203.31	204.26	(0.95)	105.22	105.87	(0.65)	-0.6%
2.3	LOAD BALANCING (EGD)	\$	29.36	31.59	(2.23)				
2.4	STORAGE (UNION)	\$				16.12	16.12	0.00	0.0%
2.5	TRANSPORTATION	\$	102.21	98.22	3.99	0.00	0.00	0.00	0.0%
2.6	SALES COMMDTY	\$	215.35	249.05	(33.70)	248.53	284.46	(35.93)	-12.6%
2.7	FEDERAL CARBON CHG.	\$	93.84	93.84	0.00	86.01	86.01	0.00	0.0%
2.0	TOTAL SALES	\$	896.07	928.96	(32.89)	719.88	756.46	(36.58)	-4.8%
3.0	COST ADJUSTMENT	\$	20.82	38.89	(18.07)	44.85	74.04	(29.19)	
3.1	GAS SUPPLY	\$	15.70	29.64	(13.94)	44.85	74.04	(29.19)	
3.2	TRANSPORTATION	\$	(2.96)	(2.15)	(0.81)	0.00	0.00	0.00	
3.3	DELIVERY	\$	8.08	11.41	(3.33)	0.00	0.00	0.00	
4.0	RATE ADJUSTMENT (2)	\$	(0.56)	0.00	(0.56)	3.33	2.95	0.38	
5.0	TOTAL SALES	\$	896.07	928.96	(32.89)	719.88	756.46	(36.58)	-4.8%
5.1	TOTAL SALES W/ COST ADJ	\$	916.88	967.85	(50.96)	764.73	830.50	(65.77)	-7.9%
5.2	TOTAL SALES W/ COST ADJ AND RATE ADJ	\$	916.33	967.85	(51.52)	768.06	833.45	(65.39)	-7.8%

Notes:

- (1) Rates effective August 1, 2019 reflect EB-2019-0155 (July 2019 QRAM) and EB-2018-0205 (2019 Federal Carbon Pricing Program).
- (2) Rate adjustment includes amounts previously approved by the OEB in EB-2018-0331 (2016-2018 Cap-and-Trade Deferral & Variance Account Disposition) effective October 1, 2019 and EB-2018-0300 (2016 DSM Deferrals) effective July 1, 2019 to December 31, 2019 for the Union rate zones.

Enbridge Gas Inc.
 Typical Residential Customer Total Bill Impacts
 Proposed Rates Effective October 1, 2019 Compared to Current Approved Rates Effective August 1, 2019

	Union North West				Union North East				
	1-Oct-19		01-Aug-19 (1)		1-Oct-19		01-Aug-19 (1)		
	(A)	(B)	(A) - (B)	CHANGE	(A)	(B)	(A) - (B)	CHANGE	
1.0 VOLUME	m ³	2,200	2,200	0	0.0%	2,200	2,200	0	0.0%
2.1 MONTHLY CUSTOMER CHG.	\$	264.00	264.00	0.00	0.0%	264.00	264.00	0.00	0.0%
2.2 DISTRIBUTION CHG.	\$	201.75	202.84	(1.09)	-0.5%	201.75	202.84	(1.09)	-0.5%
2.3 LOAD BALANCING (EGD)	\$	45.56	45.89	(0.33)	-0.7%	113.92	115.57	(1.65)	-1.4%
2.4 STORAGE (UNION)	\$	120.76	124.75	(3.99)	-3.2%	45.24	46.68	(1.44)	
2.5 TRANSPORTATION	\$	204.90	230.63	(25.73)	-11.2%	254.75	290.68	(35.93)	-12.4%
2.6 SALES COMMDTY	\$	86.01	86.01	0.00	0.0%	86.01	86.01	0.00	0.0%
2.7 FEDERAL CARBON CHG.	\$	922.98	954.12	(31.14)	-3.3%	965.67	1,005.78	(40.11)	-4.0%
2.0 TOTAL SALES	\$								
3.0 COST ADJUSTMENT	\$	(13.33)	(21.00)	7.67		19.56	50.27	(30.71)	
3.1 GAS SUPPLY	\$	(10.81)	(21.67)	10.86		53.22	83.90	(30.68)	
3.2 TRANSPORTATION	\$	(2.52)	0.67	(3.19)		(33.66)	(33.63)	(0.03)	
3.3 DELIVERY	\$	0.00	0.00	0.00		0.00	0.00	0.00	
4.0 RATE ADJUSTMENT (2)	\$	(5.97)	(5.79)	(0.18)		3.33	2.95	0.38	
5.0 TOTAL SALES	\$	922.98	954.12	(31.14)	-3.3%	965.67	1,005.78	(40.11)	-4.0%
5.1 TOTAL SALES W/ COST ADJ	\$	909.65	933.12	(23.47)	-2.5%	985.23	1,056.05	(70.82)	-6.7%
5.2 TOTAL SALES W/ COST ADJ AND RATE ADJ	\$	903.68	927.33	(23.65)	-2.6%	988.56	1,059.00	(70.44)	-6.7%

Notes:

- (1) Rates effective August 1, 2019 reflect EB-2019-0155 (July 2019 QRAM) and EB-2018-0205 (2019 Federal Carbon Pricing Program).
- (2) Rate adjustment includes amounts previously approved by the OEB in EB-2018-0331 (2016-2018 Cap-and-Trade Deferral & Variance Account Disposition) effective October 1, 2019 and EB-2018-0300 (2016 DSM Deferrals) effective July 1, 2019 to December 31, 2019 for the Union rate zones.

FORECAST OF GAS COSTS

Purpose of Evidence

1. Enbridge Gas is updating its forecast of gas costs effective October 1, 2019 in accordance with the Quarterly Rate Adjustment Mechanism pricing methodology in place and stemming from Settlement Agreements and Board Decisions in RP-2000-0040, RP-2002-0133, RP-2003-0203 and EB-2008-0106.
2. Per Enbridge's letter to the Board dated June 17, 2019 and the subsequent Decision and Interim Rate Order for EB-2019-0155, Enbridge is also including a correction to the error identified in the letter related to the proposed cost adjustment for the EGD rate zone. The correction amount can be found in Exhibit C, Tab 1 Schedule 3, page 2, column 4, line 13. When added to the Rider C (Gas Cost Adjustment Rider) amount proposed in the current application the total (Over)/Under Collection is shown in column 9, line 13 of the same Schedule. The original error can be found in Exhibit C, Tab 1, Schedule 3, page 4, column 5, lines 7 and 9. Enbridge Gas inadvertently did not update lines 7 and 9, resulting in an under collection from ratepayers of approximately \$0.64 million via Rider C (Gas Cost Adjustment Rider). The incorrect Total Recovery amount reported in the July 2019 QRAM was approximately \$0.2 million as seen in Exhibit C, Tab 1, Schedule 3, page 4, column 5, line 13. The corrected total recovery amount for the July 2019 QRAM should have been approximately \$0.84 million as seen in Exhibit C, Tab 1, Schedule 3, page 3, column 5, line 13.

Current Gas Market Dynamics

3. According to the EIA¹, natural gas prices have been trending downward since spring as Henry Hub spot prices hit multi-year lows in August. This was primarily caused by downward pressure from increased production in the US. US natural gas production grew 2.5% from May to August 2019, hitting record-high levels in early August. This was led by increased production in the US Northeast, which continues to be the largest natural gas production region in the US.
4. Demand from natural gas electricity generation has increased over this summer along with high levels of natural gas exports. Despite these demand increases, production increases have been significant enough to more than meet the growing demand, resulting in downward pressure on prices. This high level of production growth has also allowed for higher than average storage injections, which has brought storage levels in North America closer to average five-year levels after starting the injection season much lower than average.
5. The forward NYMEX strip has decreased by \$0.367 (US\$/mmbtu) or approximately 13% since the Board-approved July 1, 2019 QRAM filing (EB-2019-0155). The foreign exchange has weakened (Canadian dollar strengthened) from \$1.34 to \$1.325 over the same period.
6. The Empress basis has changed from negative \$0.700 (US\$/mmbtu) to negative \$0.594(US\$/mmbtu) and the Dawn basis has changed from negative \$0.091 (US\$/mmbtu) to negative \$0.031 (US\$/mmbtu).
7. On June 18, 2019, the National Energy Board (“NEB”) approved abandonment surcharge changes for TC Energy’s firm transportation service pursuant to TG-005-

¹ <https://www.eia.gov/naturalgas/weekly/>

2019. This revision decreases abandonment surcharges by approximately 25% effective July 1, 2019. The impacts of these tolls changes are reflected in deferral accounts for July to September 2019 and in transportation rates effective October 1, 2019.

Pricing

8. Enbridge Gas recalculated the EGD Rate Zone PGVA Reference Price ("PGVA Reference Price") based upon a 21-day average of various indices from August 2, 2019 to August 30, 2019 for 12 months commencing October 1, 2019 and applied these monthly prices to the 2019 forecasted annual volume of gas purchases as filed in EB-2018-0305 at Exhibit E1, Tab 4, Schedule 4.
9. In executing its gas supply plan to date, Enbridge Gas has entered into gas supply contracts with a number of counterparties for varying volumes and terms (i.e., annual and seasonal arrangements). These gas supply contracts have sometimes included premiums or discounts to actual natural gas market price indices. Enbridge Gas has reflected these premiums/discounts in the derivation of the PGVA Reference Price established as a part of the QRAM process.
10. The recalculated PGVA Reference Price is $\$140.031/10^3\text{m}^3$ ($\$3.634/\text{GJ}$ based upon an assumed heat value for 2019 of $38.53 \text{ MJ}/\text{m}^3$) (as per Exhibit C, Tab 1, Schedule 1, p. 1). This represents a unit cost decrease of $\$13.303/10^3\text{m}^3$ or $\$0.346/\text{GJ}$ to the July 1, 2019 PGVA Reference Price of $\$153.334/10^3\text{m}^3$ ($\$3.980/\text{GJ}$) as shown at EB-2019-0155 Exhibit C, Tab 1, Schedule 1.
11. Enbridge Gas is proposing to change its PGVA Reference Price, effective October 1, 2019 to $\$140.031/10^3\text{m}^3$ and change rates accordingly.

Witness: N. Brunner

12. The recalculated PGVA Reference Price of $\$140.031/10^3\text{m}^3$ represents an annual Western Canadian price of approximately $\$2.2084/\text{GJ}$ at Empress (Exhibit C, Tab 1, Schedule 4, Column 1). This compares to the forecasted July 2019 PGVA Reference Price of $\$153.334/10^3\text{m}^3$ which represented an annual Western Canadian price of approximately $\$2.5568/\text{GJ}$ at Empress. The forecasted July 2019 PGVA Reference Price was based upon a 21-day average of various prices, exchange rates and basis differential from May 3, 2019 to May 31, 2019 for the 12 month period July 2019 to June 2020.

13. Exhibit C, Tab 1, Schedule 2, page 1, is intended to serve a number of purposes. Column 6, Item 13 indicates that, based on the forecast of gas supply purchase volumes for the 12 months October 1, 2018 to September 30, 2019, Enbridge Gas projects a $\$72.5$ million debit balance in the Purchased Gas Variance Account at the end of September 2019 relating to EGD rate zone's gas supply acquisition excluding the impact of any true-up of any over/under collection of Rider C amounts. Column 7, Item 13 provides the Forecasted Clearance amount from the July 2019 QRAM ($\$119.7$ million credit). Column 8, Item 13 represents the amount in the PGVA that would typically be cleared via a prospective Rider effective October 1, 2019 ($\$47.2$ million credit). Columns 9 through 12 break down that PGVA balance into Commodity, Transportation and Load Balancing components. Column 6, Item 26 indicates that, based on the 2019 forecast of annual gas supply purchase volumes for the 12 months commencing October 1, 2019, Enbridge Gas projects a $\$(0.0)$ million balance in the Purchased Gas Variance Account at the end of September 2020.

14. Included in Column 1 is a forecasted amount for Extraction Revenue of $\$0.6$ million for the period of October 1, 2018 to August 31, 2019 and represents a reduction to

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acquisition costs. For a monthly breakdown of this amount please see Exhibit C Tab 1, Schedule 5.

15. Exhibit C, Tab 1 Schedule 2, page 2, Items 1.1 to 1.12 provides a monthly summary of the variances associated with the October 2018 to September 2019 purchases; Items 2.1 to 2.12 provide a summary of the variances provided in the July 2019 QRAM; and Items 3.1 to 3.12 represent the monthly variances to be cleared as part of the October 2019 QRAM. Exhibit C, Tab 1 Schedule 2, pages 3 and 4 provide the breakdown of the various monthly supplies of the EGD rate zone by commodity, transportation and load balancing variance.
16. Exhibit C, Tab 1, Schedule 2, pages 5 through 7 and Exhibit C, Tab 1, Schedule 3, page 2 provide the calculation of differences between forecast and actual amounts recovered or refunded through Rider C. Exhibit C, Tab 1, Schedule 2, page 5, Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts with each QRAM's Rider C amounts associated with the Commodity component of the PGVA. Exhibit C, Tab 1, Schedule 2, page 5, Item 12, represents the actual Rider C amounts recovered or refunded in the previous quarter(s). Exhibit C, Tab 1, Schedule 2, page 5, Item 13, Column 9, (\$4.0 million) represents the Rider C variances that would typically be either collected or refunded to customers within the October 2019 QRAM.
17. Exhibit C, Tab 1, Schedule 2, page 6, Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts with each QRAM's Rider C amounts associated with the Transportation component of the PGVA. Exhibit C, Tab 1, Schedule 2, page 6, Item 12, represents the actual Rider C amounts recovered or refunded in the previous quarter(s). Exhibit C, Tab 1, Schedule 2, page 6, Item 13, Column 9

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(\$0.2 million) represents the Rider C variances that would typically be either collected or refunded to customers within the October 2019 QRAM.

18. Exhibit C, Tab 1, Schedule 2, page 7, Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts associated with each QRAM's Rider C amounts associated with the Load Balancing component of the PGVA. Exhibit C, Tab 1, Schedule 2, page 7, Item 12, represents the actual Rider C amounts recovered or refunded in the previous quarter(s). Exhibit C, Tab 1, Schedule 2, page 7, Item 13, Column 9 (\$1.0 million) represents the Rider C variances that would typically be either collected or refunded to customers within the October 2019 QRAM.
19. Exhibit C, Tab 1, Schedule 3, page 1, provides the revaluation of gas inventory based on the 2019 forecast of volumes and the change in the PGVA Reference price. The total in Item 27, Column 6 (\$35.9 million) is used in the derivation of the October 1, 2019 Rider C unit rates as depicted at Exhibit C, Tab 4, Schedule 10.
20. Exhibit C, Tab 1, Schedule 3, page 2 Item 6 provides a breakdown, by quarter, of the forecasted recovery amounts associated with each QRAM the Rider C amounts associated with the inventory re-evaluation component of the PGVA. Exhibit C, Tab 1, Schedule 3, page 2, Item 12 represents the actual Rider C amounts recovered or refunded in the previous quarter. Exhibit C, Tab 1, Schedule 3, page 2, Item 13, Column 9 (\$0.6 million) represents the Rider C variances that need to be either collected or refunded to customers within the October 2019 QRAM.
21. The derivation of the October 1, 2019 PGVA Reference Price is based upon TC Energy Mainline interim tolls effective February 1, 2019 the including updated abandonment surcharges pursuant to NEB order TG-010-2018 and TG-005-2019.

Witness: N. Brunner

The toll embedded in the October 2019 PGVA Reference Price is \$58.781/10³m³ (\$1.526/GJ) as compared to the embedded toll in the July 2019 PGVA Reference Price of \$60.659/10³m³ (\$1.574/GJ). This represents a decrease to the Western T-Service unit rate of \$1.878/10³m³ (\$0.049/GJ).

22. The Dawn T-Service unit rate for October 1, 2019 is \$9.625/10³m³ (\$0.25/GJ) as compared to the July 2019 unit rate of \$9.690/10³m³ (\$0.251/GJ). This represents a decrease to the Dawn T-Service unit rate of \$0.065/10³m³ (\$0.002/GJ).

ANNUALIZED IMPACT OF THE OCTOBER 1, 2019
QUARTERLY RATE ADJUSTMENT ON EGD RATE ZONE
FISCAL 2019 RATES AND REVENUE REQUIREMENT

1. The evidence found at Exhibit C, Tab 2, Schedules 1 through 5, details the annualized revenue requirement impact which would occur upon applying an anticipated gas reference unit price change to the forecast volumes for 2019. As a result of the quarterly gas cost unit rate adjustment within this application, Enbridge Gas's EGD rate zone revenue requirement would decrease by \$114.6 million on an annualized basis. This decrease is the result of a decrease in the purchase cost of gas, a decrease in the T-Service transportation cost forecast, and a decrease in the gross carrying cost of gas in storage and working cash related elements of rate base. The details of the components of this decrease are listed at Exhibit C, Tab 2, Schedule 1, and are examined further in the balance of this exhibit.
2. The annualized impact of the gas cost decrease, in the amount of \$113.2 million, is determined by applying the decrease in the gas cost reference price (or PGVA reference price¹) against the applicable volumes, and then including the decrease in the T-Service transportation cost forecast which resulted from incorporating updated TransCanada abandonment surcharges, which became effective July 1, 2019. The volumes used within this QRAM application are the forecast 2019 volumes filed in the 2019 rate application, EB-2018-0305. The use of these volumes is consistent with the QRAM approved guidelines. The change in the unit rates and the volumes against which they are applied is examined in evidence at Exhibit C, Tab 2, Schedule 1. The calculations in support of the \$113.2 million decrease in the

¹ Also referred to as Utility Price.

purchase cost of gas are found on Lines 1 through 8, and summarized at Line 9, of Exhibit C, Tab 2, Schedule 1.

3. Exhibit C, Tab 2, Schedule 2, details the impact of the annualized decrease on gas in storage and working cash elements of rate base, and the associated carrying cost decrease which is calculated to be \$1.5 million and is included at Exhibit C, Tab 2, Schedule 1, at Line 10. The decrease in the PGVA reference price / unit rate results in a decrease in the gas in storage inventory value in the amount of \$20.0 million, calculated at Line 2 of Schedule 2. The decrease is calculated by multiplying the average-of-monthly-averages (“AOA’s”) storage volume of 1,506,969.5 10^3m^3 , which can be found at Exhibit C, Tab 2, Schedule 5, by the decrease in the PGVA reference price in the amount of \$13.303/ 10^3m^3 . The decrease in the working cash allowance is calculated by applying 2.1 net lag days to the annualized decrease in gas costs of \$113.2 million, resulting in a decrease of \$0.6 million. The working cash allowance calculations are found at Lines 3.1 through 3.4 of Schedule 2. The details of the increase in the HST amount of \$0.7 million, shown at Line 4 of Schedule 2, can be found in evidence at Exhibit B, Tab 3, Schedule 1.
4. As shown at Lines 5 through 7 of Exhibit C, Tab 2, Schedule 2, the \$20.0 million decrease in the valuation of the components of gas in storage and working cash is multiplied by a gross return component of 7.38% (filed at Exhibit C, Tab 2, Schedule 3) causing a \$1.5 million decrease in carrying costs.
5. The details supporting the calculation of the grossed up rate of return are found at Exhibit C, Tab 2, Schedule 3. The capital structure components, cost rates, and return rate(s), in Columns 1 through 3, including the rate of return on common equity, are the 2018 Board Approved values found in the EB-2017-0086 Decision

Witness: R. Small

and Rate Order, Schedule 4, page 8, Columns 2 to 4, Dated: 2017-12-07. The use of the 2018 Board Approved capital structure is consistent with the QRAM approved guidelines, as this is the most recent approved capital structure underpinning rates within the EGD rate zone over the 2019 to 2023 price cap term. The calculation of the grossed up rate of return in Columns 4 and 5 has utilized the Board Approved 2018 forecast corporate tax rate of 26.5%.

6. Exhibit C, Tab 2, Schedule 4 details the calculation of the forecast inventory valuation adjustment in the amount of (\$32.3) million. The inventory adjustment is related to the change in the unit cost of gas. The forecast inventory adjustment represents the forecast volume of inventory at September 30, 2019 revalued at the new PGVA reference price arising from this quarterly rate adjustment proceeding.
7. Exhibit C, Tab 2, Schedule 5 shows the month end and AOA volume of gas in storage forecast within the EB-2018-0305 proceeding.

WORKING CASH AND COST ALLOCATION

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

Impact on the Working Cash Requirement

2. The gas supply expense mix has been applied to the individual expense lag days of supply sources that make up the gas supply portfolio presented at Exhibit C, Tab 1, Schedule 1. There was a slight decrease in the gas supply expense lag in comparison to the expense lag underpinning the evidence filed in EB-2019-0155. The gas cost expense lag is 38.6 days resulting in a net gas cost expense lag of 2.1 days.
3. The above net gas cost expense lag of 2.1 days is used to calculate the impact on the working cash requirement in rate base. Exhibit C, Tab 2, Schedule 2, Item 3 applies the net gas cost expense lag to the net change in the purchase cost of gas to determine the change in working cash allowance and associated impact on rate base. For this QRAM, the above calculation determined a decrease in the working cash requirement of \$(0.645) million.
4. The change in gas costs also gives rise to a change in the working cash requirement associated with the Harmonized Sales Tax (HST). For this QRAM, the change in gas costs results in a \$0.695 million increase in working cash requirement. This increase can be seen at Exhibit C, Tab 2, Schedule 2, Item 4 and captures the change in working cash requirement associated with the HST as brought about by the change in gas costs.

Allocation of the Change in Revenue Requirement

5. Exhibit C, Tab 3 exhibits show the allocation of the change in revenue requirement to the customer rate classes and determine the impact on Tecumseh's rate derivation. Schedule 1 classifies the impact of the change in gas supply costs on rate base as determined at Exhibit C, Tab 2, Schedule 2. The return on the classified rate base is determined by applying the before tax rate of return.
6. The impact on return and taxes is allocated to the customer rate classes at Exhibit C, Tab 3, Schedule 2, Item 2. Schedule 2 of Tab 3 also allocates the changes in the revenue requirement to the customer rate classes, and determines the unit rate increase/decrease by component. The corresponding impacts on the gas supply, upstream transportation, gas supply load balancing and delivery charges are presented at Exhibit C, Tab 4, Schedule 3.
7. Items 1.1 to 1.8 on Schedule 2 of Tab 3, show the annualized increase/decrease in costs, by classifier, arising from the new costs of gas found at Exhibit C, Tab 2, Schedule 1, Page 1. The classification of the cost changes associated with the forecast sales volumes, Company use volumes, lost and unaccounted for ("LUF") volume, unbilled and unaccounted for volume as identified in the exhibit above, follow the classification of gas costs to operations set out in the EB-2006-0034 Fully Allocated Cost Study, Exhibit G2. Item 1.6 on Schedule 2, Tab 3 includes the impact of the cost decrease in LUF as it is charged back to the distribution utility from Tecumseh Gas. The total change in the revenue requirement found at Item 3 differs from the impact shown at Exhibit C, Tab 2, Schedule 1, Item 11. The difference of approximately \$0.01 million corresponds to the portion of the LUF decrease that will be passed on to ex-franchise customers through Rates 325 and 330. The effect on these rates is found at Exhibit C, Tab 3, Schedule 3.

8. Items 2 on Schedule 2, Tab 3, are the before tax return components of rate base and taxes determined on Schedule 1 of Exhibit C, Tab 3.
9. Items 3 on Schedule 2 are the sum of the respective Items 1 and 2. The allocation factors, found at Exhibit C, Tab 3, Schedule 4, are based on the proposed 2019 Volume Forecast from EB-2018-0305 (Test Year 2019), and are used to allocate these costs to the rate classes as specified in column 14.
10. Items 4 are the unit rate changes that will be applied to the gas supply, upstream transportation, load balancing and delivery components of the rates.
11. The rate derivation of Tecumseh Gas is affected by the decrease in LUF costs due to the decrease in gas costs, as shown at Exhibit C, Tab 2, Schedule 1. Based on the methodology approved in the RP-2003-0203 Decision, LUF costs are included in Tecumseh's Fully Allocated Cost Study, and are functionalized to transmission and compression, and to storage pool. These costs are classified entirely as commodity and recovered in rates on the basis of volumes injected and withdrawn from ex-franchise customers. The impact on Tecumseh's rates (Rate 325 and 330) reflecting this methodology is shown at Exhibit C, Tab 3, Schedule 3. The portion of LUF costs flowing to in-franchise customers is included in Item 1.6 of Exhibit C, Tab 3, Schedule 2.

RATE DESIGN – QUARTERLY RATE ADJUSTMENT MECHANISM

1. The purpose of this evidence is to describe the effect on EGD rate zone rates from a change in the gas cost revenue requirement as part of the Board approved QRAM. The decreased Purchase Gas Variance Account (“PGVA”) reference price reflects a lower cost of gas purchases and lower TransCanada PipeLines (“TCPL”) transportation tolls as compared to rates approved in EB-2019-0155 July 1, 2019 QRAM. The October 1, 2019 rates incorporate the impact from TransCanada PipeLines TG-005-2019 Order dated June 18, 2019 for tolls effective July 1, 2019.
2. The rate design exhibits supporting this QRAM application are found at Exhibit C, Tab 4. Schedules 1 to 5 present the effect of the proposed PGVA reference price on revenues and rates when compared with July 1, 2019 QRAM rates. Schedule 6 shows customer bill impacts for various rate classes relative to the EB-2019-0155 July 1, 2019 QRAM rates currently in effect (i.e., the current bill the customer sees). Schedule 7 shows customer bill impacts for various rate classes relative to EB-2019-0155 inclusive of EB-2018-0205 (Federal Carbon Charges) and Rider K – Bill 32 for Non-OPBS participants. Schedule 8 shows customer bill impacts for various rate classes relative to EB-2019-0155 inclusive of EB-2018-0205 (Federal Carbon Charges) and Rider K – Bill 32 for OPBS participants. Schedule 9 contains the rate handbook. The derivation of the Rider C unit rates can be found at Schedule 10.

Utility Price

3. The July 1, 2019 PGVA reference price is \$153.334/10³m³ (\$3.980/GJ @ 38.53 MJ/m³). EGD has recalculated the PGVA reference price for the fourth quarter of 2019. The recalculated PGVA reference price for the four quarter is \$140.031/10³m³ (\$3.634/GJ @ 38.53 MJ/m³) as outlined at Exhibit C, Tab 1, Schedule 1. Enbridge Gas is proposing to adjust rates in the EGD rate zone accordingly effective

October 1, 2019.

4. The decrease in PGVA reference price translates into a decrease in the revenue requirement totaling approximately \$114.6 million, as seen at Exhibit C, Tab 2, Schedule 1, Line 11. As shown in the above referenced exhibit, this impact is derived by calculating the difference between the recalculated reference price of \$140.031/10³m³ and the July 1, 2019 reference price of \$153.334/10³m³. This differential of \$13.303/10³m³ is then applied to the 2019 forecast of sales volumes, Company use, Unbilled and Unaccounted For (“UUF”), and Lost and Unaccounted For (“LUF”) volumes.
5. The decrease in carrying cost on inventory and working cash requirements were also considered in the change in the revenue requirement calculation.

Customer Impacts

6. Exhibit C, Tab 4, Schedule 6, Pages 1-8 depicts the typical customer rate impacts stemming from the October 1, 2019 QRAM price changes relative the EB-2019-0155 July 1, 2019 QRAM rates. The impacts vary by rate class and are a function of the proposed PGVA reference price which is comprised of commodity, transportation and load balancing costs.
7. For rate design purposes within the EGD rate zone, Enbridge Gas uses the Empress reference price inclusive of fuel to determine the variable unit rate for costing its commodity purchases and receipts. The change in the Empress reference price from July 1, 2019 (\$102.1601 /10³m³) to October 1, 2019 (\$88.2396 /10³m³) is a decrease of \$13.9205/10³m³. These costs are recovered from system gas customers in the EGD rate zone through the gas supply commodity charge which will decrease from 10.3774 ¢/m³ to 8.9727 ¢/m³ for the October 1, 2019 QRAM. As stated above, the

total PGVA reference price decreased by $\$13.303/10^3\text{m}^3$. Given that the Empress reference price decreased by $\$13.9205/10^3\text{m}^3$, the basis differential between the PGVA and Empress reference price has increased which results in an increase in transportation related cost. The increase in transportation costs has been moderated by the decrease in TCPL tolls effective July 1, 2019.

8. Load balancing charges will decrease due to a decrease in seasonal and peaking costs. The change in the PGVA reference price also decreases the cost of lost and unaccounted for gas which results in a decrease in delivery charges.

9. The impact of the price changes discussed above on a typical residential customer on sales service (system gas) is an annualized decrease of approximately 4.0%, or $\$(32.89)$. The customer's new annual bill is $\$790$ (excluding all Riders and Federal Carbon charges). The customer's new annual bill including Federal Charge charges and Rider K – Bill 32 is $\$896$ as shown at Exhibit C, Tab 4, Schedule 7, Page 2. On a T-service basis (total bill excluding commodity charges), a typical residential customer will see an increase of approximately 0.1% or $\$0.81$ annually.

PGVA Clearing

10. Effective January 1, 2010, EGD adopted its new PGVA clearing methodology as approved by the Board in the EB-2008-0106 QRAM generic proceeding. Through the new methodology EGD, now Enbridge Gas, identifies components of its PGVA that are attributable to commodity, transportation and load balancing costs. Based on this breakdown, individual riders are determined and applied (where applicable) to Sales, Western T-service, Ontario T-service and Dawn T-Service customers. The PGVA balances attributable to commodity, transportation and load balancing for the October 1, 2019 QRAM can be found at Exhibit C, Tab 1, Schedule 2. Exhibit C, Tab 4, Schedule 10, Pages 1 to 16 depicts the schedules supporting the derivation of each of

the Rider C unit rates for commodity, transportation and load balancing.

11. Effective from October 1, 2019 to September 30, 2020, the Rider C unit rate for residential customers on sales service is 0.8674 ¢/m³, for Western T-service is 0.2133 ¢/m³ and for Ontario T-service and Dawn T-service is 0.3367 ¢/m³.

Other – Clearance of Final Cap and Trade Related Deferral and Variance Accounts Balances

12. As directed by the Board in the EB-2018-0331 Decision on August 22, 2019, EGI will clear the EGD rate zone Cap and Trade Related Deferral and Variance account balances as a 3-month disposition from October 1 to December 31, 2019. For a typical residential customer this will equate to a credit of approximately \$0.56 in total for the 3 month period. The rate adjustment will appear as three equal installments of approximately \$0.187 on customers October, November and December 2019 bills.

Summary of Gas Cost to Operations
Year ended September 30, 2020

Item #	Col. 1 10 ³ m ³	Col. 2 \$(000)	Col. 3 \$/10 ³ m ³ (Col.2 / Col.1)	Col. 4 \$/GJ (Col.3 / 38.53)	Col. 5 % Change from Previous QRAM
<u>Western Canadian Supplies</u>					
1.1 Alberta Production	-	-	-	-	0.0%
1.2 Western - @ Empress - TCPL	976,624.0	83,153.6	85.144	2.210	-13.6%
1.3 Western - @ Nova - TCPL	1,184,142.2	74,469.5	62.889	1.632	9.5%
1.4 Western Buy/Sell - with Fuel	331.6	29.3	88.434	2.295	-13.4%
1.5 Western - @ Alliance	-	-	-	-	0.0%
1.6 Less TCPL Fuel Requirement	(77,168.5)	-	-	-	-
1. Total Western Canadian Supplies	2,083,929.3	157,652.4	75.652	1.963	-4.0%
2. <u>Peaking Supplies</u>	6,902.0	3,684.2	533.786	13.854	n/a
3. <u>Ontario Production</u>	-	-	-	-	n/a
4. <u>Chicago Supplies</u>	649,654.9	72,874.6	112.174	2.911	-12.2%
5. <u>Delivered Supplies</u>	2,649,847.7	314,598.5	118.723	3.081	-13.2%
6. <u>Niagara Supplies</u>	1,894,627.6	213,356.6	112.611	2.923	-9.6%
7. <u>Link Supplies</u>	-	-	-	-	n/a
8. <u>Dominion Supplies</u>	1,099,416.1	117,790.3	107.139	2.781	-12.1%
9. <u>Total Supply Costs</u>	8,384,377.6	879,956.5	104.952	2.724	-10.5%
<u>Transportation Costs</u>					
10.1 TCPL - Long Haul - Demand		125,772.3			
10.2 - Long Haul - Commodity	2,083,929.3	0.0	-		
10.3 TCPL - Niagara Falls to Enbridge Parkway CDA		11,318.4			
10.4 - Firm Transportation Short Notice		3,978.0			
10.5 TCPL - Short Haul - Dawn to CDA		13,626.4			
10.6 - Dawn to EDA		19,066.8			
10.7 - Dawn to Iroquois		6,967.8			
10.8 - Parkway to CDA		3,700.0			
10.9 - Parkway to EDA		40,314.1			
10.10 Other Charges		0.0			
10.11 Nova Transmission		8,739.0			
10.12 Alliance Pipeline		0.0			
10.13 Vector Pipeline		14,174.3			
10.14 Nexus Pipeline		46,455.9			
10.15 Niagara Link Pipeline		0.0			
10. Total Transportation Costs		294,113.0			
11. Total Before PGVA Adjustment	8,384,377.6	1,174,069.5	140.031	3.634	-8.7%
12. PGVA Adjustment		0.0			
13. <u>Total Purchases & Receipt</u>	8,384,377.6	1,174,069.5	140.031	3.634	
14. July 1, 2019 PGVA Reference Price - as per note			153.334	3.980	
15. Upstream Increase/Decrease on 2019 PGVA Reference Price			(13.303)	(0.346)	
16. Updated T-Service Transportation Costs	416,222.9	24,466.0	58.781	1.526	
17. T-Service Transportation Costs - 2019 forecasted volumes at July 1, 2019 GRAM TCPL tolls	416,222.9	25,247.7	60.659	1.574	
18. Upstream Increase/Decrease on T-Service Costs			(1.878)	(0.049)	
19. Updated Dawn T-Service Transport Costs	2,759,483.9	26,560.0	9.625	0.250	
20. Dawn T-Service Transport Costs - 2019 forecasted volumes at July 1, 2019 GRAM TCPL tolls	2,759,483.9	26,739.4	9.690	0.251	
21. Upstream Increase/Decrease on Dawn T-Service Costs			(0.065)	(0.002)	

Item #	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6
Oct 2018 to Sept 2019 Variances						
	<u>Commodity</u>	<u>Transportation</u>	<u>Load Balancing</u>	<u>Total</u>	<u>Load Balancing</u>	<u>Load Balancing</u>
	<u>\$(000)</u>	<u>\$(000)</u>	<u>\$(000)</u>	<u>\$(000)</u>	<u>Ontario Delivered</u>	<u>Peaking</u>
					<u>\$(000)</u>	<u>\$(000)</u>
1.1	October	2,895.9	216.8	7,484.7	10,597.3	7,484.7
1.2	November	18,639.7	2,146.3	22,991.3	43,777.3	22,991.3
1.3	December	28,153.2	2,467.5	44,319.5	74,940.2	44,119.4
1.4	January	24,828.1	224.1	(7,593.8)	17,458.4	(4,322.3)
1.5	February	24,608.7	(6,117.5)	(27,296.4)	(8,805.2)	(27,626.0)
1.6	March	9,467.4	(5,999.1)	3.6	3,472.0	(132.0)
1.7	April	(13,057.0)	(340.8)	10,542.5	(2,855.2)	10,542.5
1.8	May	(11,365.1)	(419.6)	(591.5)	(12,376.2)	(591.5)
1.9	June	(10,216.7)	(359.2)	4.6	(10,571.3)	4.6
1.10	July	(10,265.6)	(951.1)	(392.4)	(11,609.1)	(392.4)
1.11	August	(18,729.7)	(839.0)	(287.3)	(19,856.0)	(287.3)
1.12	September	(10,743.4)	(518.6)	(454.2)	(11,716.2)	(454.2)
1.0		34,215.5	(10,490.1)	48,730.6	72,456.0	51,336.9
						(2,606.3)

- note 1 - see Col. 6 Exhibit C, T1, S2, page 1, item 13

As per July 2019 QRAM

	<u>Commodity</u>	<u>Transportation</u>	<u>Load Balancing</u>	<u>Total</u>	<u>Load Balancing</u>	<u>Load Balancing</u>
	<u>\$(000)</u>	<u>\$(000)</u>	<u>\$(000)</u>	<u>\$(000)</u>	<u>Ontario Delivered</u>	<u>Peaking</u>
					<u>\$(000)</u>	<u>\$(000)</u>
2.1	October	2,895.9	216.8	7,484.7	10,597.3	7,484.7
2.2	November	18,639.7	2,146.3	22,991.3	43,777.3	22,991.3
2.3	December	28,153.2	2,467.5	44,319.5	74,940.2	44,119.4
2.4	January	24,828.1	224.1	(7,593.8)	17,458.4	(4,322.3)
2.5	February	24,608.7	(6,117.5)	(27,296.4)	(8,805.2)	(27,626.0)
2.6	March	9,467.4	(5,999.1)	3.6	3,472.0	(132.0)
2.7	April	(13,057.0)	(340.8)	10,542.5	(2,855.2)	10,542.5
2.8	May	(9,982.5)	(152.6)	(470.4)	(10,605.5)	(470.4)
2.9	June	(8,256.5)	(61.1)	40.1	(8,277.5)	40.1
2.10	July					
2.11	August					
2.12	September					
2.0		77,296.9	(7,616.4)	50,021.2	119,701.8	52,627.5
						(2,606.3)

- note 2 - see Col. 7 Exhibit C, T1, S2, page 1, item 13

Variances to be Cleared in October 2019 QRAM

	<u>Commodity</u>	<u>Transportation</u>	<u>Load Balancing</u>	<u>Total</u>	<u>Load Balancing</u>	<u>Load Balancing</u>
	<u>\$(000)</u>	<u>\$(000)</u>	<u>\$(000)</u>	<u>\$(000)</u>	<u>Ontario Delivered</u>	<u>Peaking</u>
					<u>\$(000)</u>	<u>\$(000)</u>
3.1	October	-	-	-	-	-
3.2	November	-	-	-	-	-
3.3	December	-	-	-	-	-
3.4	January	-	-	-	-	-
3.5	February	-	-	-	-	-
3.6	March	-	-	-	-	-
3.7	April	-	-	-	-	-
3.8	May	(1,382.6)	(267.0)	(121.1)	(1,770.7)	(121.1)
3.9	June	(1,960.2)	(298.0)	(35.5)	(2,293.7)	(35.5)
3.10	July	(10,265.6)	(951.1)	(392.4)	(11,609.1)	(392.4)
3.11	August	(18,729.7)	(839.0)	(287.3)	(19,856.0)	(287.3)
3.12	September	(10,743.4)	(518.6)	(454.2)	(11,716.2)	(454.2)
3.0		(43,081.4)	(2,873.8)	(1,290.6)	(47,245.7)	(1,290.6)
						-

- note 3 - see Col. 8 Exhibit C, T1, S2, page 1, item 13

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

Oct-18							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
1.1 Ontario Delivered	8,822.6	5,024.6	13,847.2	6,362.5		7,484.7	13,847.2
1.2 Peaking Service	-	-	-	-		-	-
1.3 Ontario Production	(4.2)	-	(4.2)	(4.2)		-	(4.2)
1.4 Link Supplies	-	-	-	-		-	-
1.5 Western Canadian - TCPL	2,573.0	(889.8)	1,683.1	1,683.1		-	1,683.1
1.6 Dominion Supplies	(14,138.9)	-	(14,138.9)	(14,138.9)		-	(14,138.9)
1.7 Chicago Supplies	11,770.3	1,143.0	12,913.3	12,913.3		-	12,913.3
1.8 Niagara Supplies	(475.8)	1,465.8	990.0	990.0		-	990.0
1.9 Other	-	216.8	216.8	-	216.8		216.8
1.10 PGVA	-	(4,910.0)	(4,910.0)	(4,910.0)			(4,910.0)
	8,547.0	2,050.3	10,597.3	2,895.9	216.8	7,484.7	10,597.3

Nov-18							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
2.1 Ontario Delivered	37,712.4	23,600.0	61,312.4	38,321.1		22,991.3	61,312.4
2.2 Peaking Service	-	-	-	-		-	-
2.3 Ontario Production	(4.1)	-	(4.1)	(4.1)		-	(4.1)
2.4 Link Supplies	-	-	-	-		-	-
2.5 Western Canadian - TCPL	3,480.9	1,937.2	5,418.1	5,418.1		-	5,418.1
2.6 Dominion Supplies	(103.0)	4,037.4	3,934.3	3,934.3		-	3,934.3
2.7 Chicago Supplies	(110.0)	3,141.2	3,031.2	3,031.2		-	3,031.2
2.8 Niagara Supplies	(218.1)	3,753.8	3,535.7	3,535.7		-	3,535.7
2.9 Other	-	2,146.3	2,146.3	-	2,146.3		2,146.3
2.10 PGVA	-	(35,596.5)	(35,596.5)	(35,596.5)			(35,596.5)
	40,758.0	3,019.3	43,777.3	18,639.7	2,146.3	22,991.3	43,777.3

Dec-18							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
3.1 Ontario Delivered	16,477.6	43,507.2	59,984.8	15,865.3		44,119.4	59,984.8
3.2 Peaking Service	-	200.1	200.1	-		200.1	200.1
3.3 Ontario Production	(4.4)	-	(4.4)	(4.4)		-	(4.4)
3.4 Link Supplies	-	-	-	-		-	-
3.5 Western Canadian - TCPL	3,622.3	1,790.9	5,413.2	5,413.2		-	5,413.2
3.6 Dominion Supplies	(359.2)	7,883.2	7,524.0	7,524.0		-	7,524.0
3.7 Chicago Supplies	(149.1)	2,708.1	2,559.0	2,559.0		-	2,559.0
3.8 Niagara Supplies	(364.2)	13,941.3	13,577.1	13,577.1		-	13,577.1
3.9 Other	-	2,467.5	2,467.5	-	2,467.5		2,467.5
3.10 PGVA	-	(16,781.1)	(16,781.1)	(16,781.1)			(16,781.1)
	19,222.9	55,717.3	74,940.2	28,153.2	2,467.5	44,319.5	74,940.2

Jan-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
4.1 Ontario Delivered	25,179.1	(24,236.6)	942.5	5,264.8		(4,322.3)	942.5
4.2 Peaking Service	7,770.4	(3,271.6)	4,498.8	7,770.4		(3,271.6)	4,498.8
4.3 Ontario Production	-	-	-	-		-	-
4.4 Link Supplies	-	-	-	-		-	-
4.5 Western Canadian - TCPL	1,723.7	(5,948.8)	(4,225.1)	(4,225.1)		-	(4,225.1)
4.6 Dominion Supplies	(1,165.2)	(3,086.0)	(4,251.2)	(4,251.2)		-	(4,251.2)
4.7 Chicago Supplies	(580.4)	(2,451.5)	(3,031.9)	(3,031.9)		-	(3,031.9)
4.8 Niagara Supplies	(523.2)	(4,189.8)	(4,712.9)	(4,712.9)		-	(4,712.9)
4.9 Other	-	224.1	224.1	-	224.1		224.1
4.10 PGVA	-	28,014.0	28,014.0	28,014.0			28,014.0
	32,404.4	(14,946.0)	17,458.4	24,828.1	224.1	(7,593.8)	17,458.4

Feb-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
5.1 Ontario Delivered	23,441.4	(34,947.7)	(11,506.3)	16,119.7		(27,626.0)	(11,506.3)
5.2 Peaking Service	-	329.6	329.6	-		329.6	329.6
5.3 Ontario Production	-	-	-	-		-	-
5.4 Link Supplies	-	-	-	-		-	-
5.5 Western Canadian - TCPL	2,059.2	576.9	2,636.0	2,636.0		-	2,636.0
5.6 Dominion Supplies	(261.7)	(3,726.7)	(3,988.5)	(3,988.5)		-	(3,988.5)
5.7 Chicago Supplies	(173.9)	(3,487.8)	(3,661.6)	(3,661.6)		-	(3,661.6)
5.8 Niagara Supplies	(400.7)	(8,059.1)	(8,459.8)	(8,459.8)		-	(8,459.8)
5.9 Other	-	(6,117.5)	(6,117.5)	-	(6,117.5)		(6,117.5)
5.10 PGVA	-	21,962.8	21,962.8	21,962.8			21,962.8
	24,664.3	(33,469.4)	(8,805.2)	24,608.7	(6,117.5)	(27,296.4)	(8,805.2)

Mar-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
6.1 Ontario Delivered	13,998.8	(1,319.8)	12,679.0	12,810.9		(132.0)	12,679.0
6.2 Peaking Service	-	135.6	135.6	-		135.6	135.6
6.3 Ontario Production	-	-	-	-		-	-
6.4 Link Supplies	-	-	-	-		-	-
6.5 Western Canadian - TCPL	2,128.4	435.6	2,564.1	2,564.1		-	2,564.1
6.6 Dominion Supplies	(261.4)	(2,765.8)	(3,027.2)	(3,027.2)		-	(3,027.2)
6.7 Chicago Supplies	(141.8)	(1,322.9)	(1,464.7)	(1,464.7)		-	(1,464.7)
6.8 Niagara Supplies	(383.2)	(6,808.1)	(7,191.3)	(7,191.3)		-	(7,191.3)
6.9 Other	-	(5,999.1)	(5,999.1)	-	(5,999.1)		(5,999.1)
6.10 PGVA	-	5,775.6	5,775.6	5,775.6			5,775.6
	15,340.9	(11,868.9)	3,472.0	9,467.4	(5,999.1)	3.6	3,472.0

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

Apr-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
1.1 Ontario Delivered	-	10,261.1	10,261.1	(686.5)	-	10,542.5	9,856.1
1.2 Peaking Service	-	-	-	-	-	-	-
1.3 Ontario Production	-	-	-	-	-	-	-
1.4 Link Supplies	-	-	-	-	-	-	-
1.5 Western Canadian - TCPL	1,598.2	(1,646.1)	(47.9)	(47.9)	-	-	(47.9)
1.6 Dominion Supplies	(137.7)	272.6	134.9	134.9	-	-	134.9
1.7 Chicago Supplies	(82.9)	1.3	(81.6)	(81.6)	-	-	(81.6)
1.8 Niagara Supplies	(189.2)	696.9	507.7	507.7	-	-	507.7
1.9 Other	-	(340.8)	(340.8)	-	(340.8)	-	(340.8)
1.10 PGVA	-	(12,883.7)	(12,883.7)	(12,883.7)	-	-	(12,883.7)
	1,188.4	(3,638.5)	(2,450.2)	(13,057.0)	(340.8)	10,542.5	(2,855.2)

May-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
2.1 Ontario Delivered	9,683.0	(1,458.1)	8,224.9	8,816.4	-	(591.5)	8,224.9
2.2 Peaking Service	-	-	-	-	-	-	-
2.3 Ontario Production	-	-	-	-	-	-	-
2.4 Link Supplies	-	-	-	-	-	-	-
2.5 Western Canadian - TCPL	1,833.0	1,217.9	3,050.9	3,050.9	-	-	3,050.9
2.6 Dominion Supplies	(20.6)	(643.6)	(664.2)	(664.2)	-	-	(664.2)
2.7 Chicago Supplies	(17.8)	(336.9)	(354.8)	(354.8)	-	-	(354.8)
2.8 Niagara Supplies	(30.4)	(922.8)	(953.2)	(953.2)	-	-	(953.2)
2.9 Other	-	(419.6)	(419.6)	-	(419.6)	-	(419.6)
2.10 PGVA	-	(21,260.2)	(21,260.2)	(21,260.2)	-	-	(21,260.2)
	11,447.2	(23,823.4)	(12,376.2)	(11,365.1)	(419.6)	(591.5)	(12,376.2)

Jun-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
3.1 Ontario Delivered	(1,745.2)	(2,731.6)	(4,702.2)	(4,481.3)	-	4.6	(4,476.8)
3.2 Peaking Service	-	-	-	-	-	-	-
3.3 Ontario Production	-	-	-	-	-	-	-
3.4 Link Supplies	-	-	-	-	-	-	-
3.5 Western Canadian - TCPL	1,853.8	(891.1)	(529.6)	962.8	-	-	962.8
3.6 Dominion Supplies	30.8	(1,212.2)	(1,181.4)	(1,181.4)	-	-	(1,181.4)
3.7 Chicago Supplies	(1,773.0)	(237.7)	(2,010.7)	(2,010.7)	-	-	(2,010.7)
3.8 Niagara Supplies	(1,636.4)	(371.3)	(2,007.7)	(2,007.7)	-	-	(2,007.7)
3.9 Other	-	(359.2)	(359.2)	-	(359.2)	-	(359.2)
3.10 PGVA	-	(1,498.3)	(1,498.3)	(1,498.3)	-	-	(1,498.3)
	(3,270.0)	(7,301.3)	(12,227.8)	(10,216.7)	(359.2)	4.6	(10,571.3)

Jul-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
4.1 Ontario Delivered	(7,079.3)	(1,319.9)	(8,399.3)	(8,006.9)	-	(392.4)	(8,399.3)
4.2 Peaking Service	-	-	-	-	-	-	-
4.3 Ontario Production	-	-	-	-	-	-	-
4.4 Link Supplies	-	-	-	-	-	-	-
4.5 Western Canadian - TCPL	1,836.0	1,762.4	3,598.5	3,598.5	-	-	3,598.5
4.6 Dominion Supplies	10.6	(1,403.5)	(1,392.9)	(1,392.9)	-	-	(1,392.9)
4.7 Chicago Supplies	(16.3)	(918.2)	(934.5)	(934.5)	-	-	(934.5)
4.8 Niagara Supplies	5.0	(2,547.9)	(2,542.8)	(2,542.8)	-	-	(2,542.8)
4.9 Other	-	(951.1)	(951.1)	-	(951.1)	-	(951.1)
4.10 PGVA	-	(987.0)	(987.0)	(987.0)	-	-	(987.0)
	(5,243.9)	(6,365.2)	(11,609.1)	(10,265.6)	(951.1)	(392.4)	(11,609.1)

Aug-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
5.1 Ontario Delivered	1,524.5	(3,096.6)	(1,572.1)	(1,284.8)	-	(287.3)	(1,572.1)
5.2 Peaking Service	-	-	-	-	-	-	-
5.3 Ontario Production	-	-	-	-	-	-	-
5.4 Link Supplies	-	-	-	-	-	-	-
5.5 Western Canadian - TCPL	1,971.4	(1,093.6)	877.7	877.7	-	-	877.7
5.6 Dominion Supplies	(10.5)	(2,146.4)	(2,156.9)	(2,156.9)	-	-	(2,156.9)
5.7 Chicago Supplies	(46.2)	(1,105.0)	(1,151.2)	(1,151.2)	-	-	(1,151.2)
5.8 Niagara Supplies	26.0	(3,827.4)	(3,801.4)	(3,801.4)	-	-	(3,801.4)
5.9 Other	-	(839.0)	(839.0)	-	(839.0)	-	(839.0)
5.10 PGVA	-	(11,213.1)	(11,213.1)	(11,213.1)	-	-	(11,213.1)
	3,465.2	(23,321.2)	(19,856.0)	(18,729.7)	(839.0)	(287.3)	(19,856.0)

Sep-19							
Supplies	Volume Variance \$(000)	Price Variance \$(000)	Variance Amount \$(000)	Commodity \$(000)	Transportation \$(000)	Load Balancing \$(000)	Variance Amount \$(000)
6.1 Ontario Delivered	0.0	(2,103.1)	(2,102.8)	(1,648.9)	-	(454.2)	(2,103.1)
6.2 Peaking Service	-	-	-	-	-	-	-
6.3 Ontario Production	-	-	-	-	-	-	-
6.4 Link Supplies	-	-	-	-	-	-	-
6.5 Western Canadian - TCPL	0.0	493.7	493.7	493.7	-	-	493.7
6.6 Dominion Supplies	0.0	466.8	466.8	466.8	-	-	466.8
6.7 Chicago Supplies	0.0	(466.0)	(466.0)	(466.0)	-	-	(466.0)
6.8 Niagara Supplies	0.0	(1,378.8)	(1,378.8)	(1,378.8)	-	-	(1,378.8)
6.9 Other	-	(518.6)	(518.6)	-	(518.6)	-	(518.6)
6.10 PGVA	-	(8,210.2)	(8,210.2)	(8,210.2)	-	-	(8,210.2)
	0.1	(11,716.3)	(11,715.9)	(10,743.4)	(518.6)	(454.2)	(11,716.2)

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

Item # Particulars	Year 2018				Year 2019				Year 2020			
	Col.1 Apr Q2 \$(000)	Col.2 Jul Q3 \$(000)	Col.3 Oct Q4 \$(000)	Col.4 Jan Q1 \$(000)	Col.5 Apr Q2 \$(000)	Col.6 Jul Q3 \$(000)	Col.7 Oct Q3 \$(000)	Col.8 Jan Q3 \$(000)	Col.9 \$(000)			
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:												
Forecast Recovery Amount												
1 April 2018 QRAM	(3,072.1)	(1,047.1)	(3,618.0)	(7,440.9)	n/a	n/a	n/a	n/a	(15,178.2)			
2 July 2018 QRAM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-			
3 October 2018 QRAM	n/a	n/a	12,241.2	25,175.3	10,394.2	3,542.8	n/a	n/a	51,353.5			
4 January 2019 QRAM	n/a	n/a	n/a	26,019.7	10,973.6	3,776.9	12,981.3	n/a	53,751.4			
5 April 2019 QRAM	n/a	n/a	n/a	n/a	7,572.2	2,606.2	8,957.6	17,954.6	37,090.6			
6 Total Forecast Recovery Amount	(3,072.1)	(1,047.1)	8,623.1	43,754.0	28,940.0	9,925.9	21,938.9	17,954.6	127,017.3			
Actual Recovery Amount												
7 April 2018 QRAM					n/a							
8 July 2018 QRAM					n/a							
9 October 2018 QRAM					9,215.1							
10 January 2019 QRAM					9,282.0							
11 April 2019 QRAM					6,404.5							
12 Total Actual Recovery Amount					24,901.6							
13 (Over Collection)/Under Collection					4,038.4				4,038.4			

(1) as per EB-2018-0090 Ex. Q2-3, Tab 4, Schedule 10 page 12 of 16
 (2) July 2018 QRAM application did not get implemented
 (3) as per EB-2018-0249 Ex. Q4-3, Tab 4, Schedule 10 page 12 of 16
 (4) as per EB-2018-0313 Ex. Q1-3, Tab 4, Schedule 10 page 12 of 17
 (5) as per EB-2019-0155 Ex. Q1-3, Tab 4, Schedule 10 page 12 of 17
 (6) as per Exhibit B, Tab 4, Schedule 1
 (7) Rider C (Over)/Under Clearance

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

Item #	Particulars	Year 2018				Year 2019				Year 2020		Col. 9 \$(000)
		Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Jan Q1 \$(000)		
		Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)	Apr Q2 \$(000)	Jul Q3 \$(000)	Oct Q4 \$(000)	Jan Q1 \$(000)			
		243.8	85.1	276.9	584.0	n/a	n/a	n/a	n/a	n/a	1,189.8	
	Forecast Recovery Amount	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	
1	April 2018 QRAM	n/a	n/a	(40.4)	(85.3)	(35.6)	(12.4)	n/a	n/a	n/a	(173.7)	
2	July 2018 QRAM	n/a	n/a	n/a	1,986.2	845.5	294.9	985.9	n/a	n/a	4,112.5	
3	October 2018 QRAM	n/a	n/a	n/a	n/a	(2,093.0)	(730.1)	(2,440.7)	n/a	n/a	(10,180.9)	
4	January 2019 QRAM											
5	April 2019 QRAM											
6	Total Forecast Recovery Amount	243.8	85.1	236.5	2,485.0	(1,283.1)	(447.6)	(1,454.8)	(4,917.1)		(5,052.3)	
	Actual Recovery Amount											
7	April 2018 QRAM											
8	July 2018 QRAM											
9	October 2018 QRAM											
10	January 2019 QRAM											
11	April 2019 QRAM											
12	Total Actual Recovery Amount											
13	(Over Collection)/Under Collection											

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

Forecast Recovery Amount

1 April 2018 QRAM

2 July 2018 QRAM

3 October 2018 QRAM

4 January 2019 QRAM

5 April 2019 QRAM

6 Total Forecast Recovery Amount

Actual Recovery Amount

7 April 2018 QRAM

8 July 2018 QRAM

9 October 2018 QRAM

10 January 2019 QRAM

11 April 2019 QRAM

12 Total Actual Recovery Amount

13 (Over Collection)/Under Collection

(1) as per EB-2018-0090 Ex. Q2-3, Tab 4, Schedule 10 page 13 of 16

(2) July 2018 QRAM application did not get implemented

(3) as per EB-2018-0249 Ex. Q4-3, Tab 4, Schedule 10 page 13 of 16

(4) as per EB-2018-0313 Ex. Q1-3, Tab 4, Schedule 10 page 13 of 17

(5) as per EB-2019-0155 Ex. Q1-3, Tab 4, Schedule 10 page 13 of 17

(6) as per Exhibit B, Tab 4, Schedule 1

(7) Rider C (Over)/Under Clearance

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

Item #	Particulars	Year 2018				Year 2019				Year 2020				
		Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Col.9	Jan Q1	Oct Q4	Jan Q1	
		\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)				\$(000)
	Apr Q2	6,610.3	2,359.5	7,679.4	15,534.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	(1)
	Jul Q3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	(2)
	Oct Q4	n/a	n/a	3,144.1	6,356.8	2,706.7	967.9	n/a	n/a	n/a	n/a	n/a	13,175.5	(3)
	Jan Q1	n/a	n/a	n/a	22,552.8	9,855.6	3,523.6	11,347.7	n/a	n/a	n/a	n/a	47,279.7	(4)
	Apr Q2	n/a	n/a	n/a	n/a	(5,079.4)	(1,804.5)	(5,847.6)	(11,646.7)	(24,378.1)	(24,378.1)	(24,378.1)	(24,378.1)	(5)
	6 Total Forecast Recovery Amount	6,610.3	2,359.5	10,823.5	44,443.6	7,482.8	2,687.1	5,500.1	(11,646.7)	36,077.0				
	Actual Recovery Amount													(6)
	7 April 2018 QRAM					n/a								
	8 July 2018 QRAM					n/a								
	9 October 2018 QRAM					2,436.6								
	10 January 2019 QRAM					8,494.4								
	11 April 2019 QRAM					(4,374.8)								
	12 Total Actual Recovery Amount					6,556.2								
	13 (Over Collection)/Under Collection					926.6							926.6	(7)

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

Forecast Recovery Amount

- 1 April 2018 QRAM
- 2 July 2018 QRAM
- 3 October 2018 QRAM
- 4 January 2019 QRAM
- 5 April 2019 QRAM

- (1) as per EB-2018-0090 Ex. Q2-3, Tab 4, Schedule 10 page 14-16 of 16
- (2) July 2018 QRAM application did not get implemented
- (3) as per EB-2018-0249 Ex. Q4-3, Tab 4, Schedule 10 page 14-16 of 16
- (4) as per EB-2018-0313 Ex. Q1-3, Tab 4, Schedule 10 page 14-16 of 17
- (5) as per EB-2019-0155 Ex. Q1-3, Tab 4, Schedule 10 page 14-16 of 17
- (6) as per Exhibit B, Tab 4, Schedule 1
- (7) Rider C (Over)/Under Clearance

ENBRIDGE GAS DISTRIBUTION INC.
 True-up of Prospective Clearing Amounts
 Gas in Inventory Re-valuation

Item # Particulars	Year 2018			Year 2019			Year 2020		
	Col.1 Apr Q2 \$(000)	Col.2 Jul Q3 \$(000)	Col.3 Oct Q4 \$(000)	Col.4 Jan Q1 \$(000)	Col.5 Apr Q2 \$(000)	Col.6 Jul Q3 \$(000)	Col.7 Oct Q4 \$(000)	Col.8 Jan Q1 \$(000)	Col.9 \$(000)
Forecast Recovery Amount									
1 April 2018 QRAM	971.2	325.3	1,147.4	2,369.1	n/a	n/a	n/a	n/a	(1)
2 July 2018 QRAM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	(2)
3 October 2018 QRAM	n/a	n/a	(2,015.4)	(4,161.3)	(1,705.9)	(571.4)	n/a	n/a	(3)
4 January 2019 QRAM	n/a	n/a	n/a	(17,113.2)	(7,167.7)	(2,422.7)	(8,498.4)	n/a	(4)
5 April 2019 QRAM	n/a	n/a	n/a	n/a	58.8	19.9	69.7	140.4	(5)
6 Total Forecast Recovery Amount	-	325.3	(868.0)	(18,905.4)	(8,814.7)	(2,974.2)	(8,428.7)	140.4	(43,367.1)
Actual Recovery Amount									
7 April 2018 QRAM					n/a				(6)
8 July 2018 QRAM					-				
9 October 2018 QRAM					(1,512.1)				
10 January 2019 QRAM					(6,067.8)				
11 April 2019 QRAM					50.3				
12 Total Actual Recovery Amount				641.0	(7,529.6)				
13 (Over Collection)/Under Collection				641.0	(1,285.1)				(644.1)

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

Forecast Recovery Amount

- 1 April 2018 QRAM
- 2 July 2018 QRAM
- 3 October 2018 QRAM
- 4 January 2019 QRAM
- 5 April 2019 QRAM

6 Total Forecast Recovery Amount

Actual Recovery Amount

- 7 April 2018 QRAM
- 8 July 2018 QRAM
- 9 October 2018 QRAM
- 10 January 2019 QRAM
- 11 April 2019 QRAM

12 Total Actual Recovery Amount

13 (Over Collection)/Under Collection

(1) as per EB-2018-0090 Ex. Q2-3, Tab 4, Schedule 10 page 11 of 16
 (2) July 2018 QRAM application did not get implemented
 (3) as per EB-2018-0249 Ex. Q4-3, Tab 4, Schedule 10 page 11 of 16
 (4) as per EB-2018-0313 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 17
 (5) as per EB-2019-0155 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 17
 (6) as per Exhibit B, Tab 4, Schedule 1
 (7) Rider C (Over)/Under Clearance including revision required from EB-2019-0155

ENBRIDGE GAS DISTRIBUTION INC.
 True-up of Prospective Clearing Amounts
 Gas in Inventory Re-valuation

Item # Particulars	Year 2018				Year 2019				Col. 8 Oct Q3 \$(000)	Col. 9 \$(000)
	Col.1 Jan Q4 \$(000)	Col.2 Apr Q1 \$(000)	Col.3 Jul Q2 \$(000)	Col.4 Oct Q3 \$(000)	Col.5 Jan Q4 \$(000)	Col.6 Apr Q1 \$(000)	Col.7 Jul Q2 \$(000)	Col.8 Oct Q3 \$(000)		
Forecast Recovery Amount										
1 January 2018 QRAM	(4,213.2)	(1,727.1)	(578.6)	(2,040.5)	n/a	n/a	n/a	n/a	(8,559.4)	(1)
2 April 2018 QRAM	n/a	971.2	325.3	1,147.4	2,369.1	n/a	n/a	n/a	4,813.0	(2)
3 July 2018 QRAM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-	(3)
4 October 2018 QRAM	n/a	n/a	n/a	(2,015.4)	(4,161.3)	(1,705.9)	(571.4)	n/a	(8,454.0)	(4)
5 January 2019 QRAM	n/a	n/a	n/a	n/a	(17,113.2)	(7,167.7)	(2,422.7)	(8,498.4)	(35,201.9)	(5)
6 Total Forecast Recovery Amount	(4,213.2)	(755.9)	(253.2)	(2,908.5)	(18,905.4)	(8,873.5)	(2,994.1)	(8,498.4)	(47,402.2)	
Actual Recovery Amount										
7 January 2018 QRAM					n/a					
8 April 2018 QRAM					2,530.1					(6)
9 July 2018 QRAM					-					
10 October 2018 QRAM					(4,443.9)					
11 January 2019 QRAM					(17,832.3)					
12 Total Actual Recovery Amount					(19,746.1)					
13 (Over Collection)/Under Collection					840.7				840.7	(7)
					199.7					
					641.0					

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

- (1) as per EB-2017-0347 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 16
- (2) as per EB-2018-0090 Ex. Q2-3, Tab 4, Schedule 10 page 11 of 16
- (3) July 2018 QRAM application did not get implemented
- (4) as per EB-2018-0249 Ex. Q4-3, Tab 4, Schedule 10 page 11 of 16
- (5) as per EB-2018-0313 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 16
- (6) as per Exhibit B, Tab 4, Schedule 1
- (7) Rider C (Over)/Under Clearance

ENBRIDGE GAS DISTRIBUTION INC.
 True-up of Prospective Clearing Amounts
 Gas in Inventory Re-valuation

Item # Particulars	Year 2018				Year 2019				Col. 8 Oct Q3 \$(000)	Col. 9 \$(000)
	Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8		
	Jan Q4 \$(000)	Apr Q1 \$(000)	Jul Q2 \$(000)	Oct Q3 \$(000)	Jan Q4 \$(000)	Apr Q1 \$(000)	Jul Q2 \$(000)	Oct Q3 \$(000)		
Forecast Recovery Amount										
1 January 2018 QRAM	(4,213.2)	(1,727.1)	(578.6)	(2,040.5)	n/a	n/a	n/a	n/a	(8,559.4) (1)	
2 April 2018 QRAM	n/a	971.2	325.3	1,147.4	2,369.1	n/a	n/a	n/a	4,813.0 (2)	
3 July 2018 QRAM	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	- (3)	
4 October 2018 QRAM	n/a	n/a	n/a	(2,015.4)	(4,161.3)	(1,705.9)	(571.4)	n/a	(8,454.0) (4)	
5 January 2019 QRAM	n/a	n/a	n/a	n/a	(17,113.2)	(7,167.7)	(2,422.7)	(8,498.4)	(35,201.9) (5)	
6 Total Forecast Recovery Amount	(4,213.2)	(755.9)	(253.2)	(2,908.5)	(18,905.4)	(8,873.5)	(2,994.1)	(8,498.4)	(47,402.2)	
Actual Recovery Amount										
7 January 2018 QRAM					n/a					
8 April 2018 QRAM					1,682.7					
9 July 2018 QRAM					-					
10 October 2018 QRAM					(2,955.6)					
11 January 2019 QRAM					(17,832.3)					
12 Total Actual Recovery Amount					(19,105.1)					
13 (Over Collection)/Under Collection					199.7				199.7 (7)	

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

- (1) as per EB-2017-0347 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 16
- (2) as per EB-2018-0090 Ex. Q2-3, Tab 4, Schedule 10 page 11 of 16
- (3) July 2018 QRAM application did not get implemented
- (4) as per EB-2018-0249 Ex. Q4-3, Tab 4, Schedule 10 page 11 of 16
- (5) as per EB-2018-0313 Ex. Q1-3, Tab 4, Schedule 10 page 11 of 16
- (6) as per Exhibit B, Tab 4, Schedule 1
- (7) Rider C (Over)/Under Clearance

MONTHLY PRICING INFORMATION

	Col. 1 21 Day Average Empress CGPR \$CAD/GJ	Col. 2 21 Day Average NYMEX \$US/MMBtu	Col. 3 21 Day Average Chicago \$US/MMBtu	Col. 4 21 Day Average Dawn \$US/MMBtu	Col. 5 21 Day Average US Exchange \$CAD/\$US	Col. 6 \$CAD/10 ³ m ³ Equivalent (Note 1)
Oct-19	1.9436	2.1857	1.9875	1.9856	1.3268	
Nov-19	2.2869	2.2499	2.2692	2.2239	1.3264	
Dec-19	2.5458	2.4321	2.5897	2.5877	1.3261	
Jan-20	2.5312	2.5462	2.8454	2.6986	1.3255	
Feb-20	2.5708	2.5191	2.8116	2.6971	1.3253	
Mar-20	2.4072	2.4487	2.4198	2.6462	1.3251	
Apr-20	2.0811	2.2708	2.0952	2.2119	1.3250	
May-20	2.0197	2.2571	2.0706	2.1264	1.3249	
Jun-20	1.9898	2.2958	2.0954	2.1376	1.3249	
Jul-20	2.0361	2.3376	2.1477	2.1692	1.3248	
Aug-20	2.0294	2.3467	2.1812	2.2002	1.3249	
Sep-20	2.0589	2.3291	2.1932	2.1616	1.3249	

2.2084 2.3516 2.3089 2.3205 1.3254 85.0883

TCPL Fuel Ratio 3.70% 88.2396

(Note 1) \$CAD/10³m³ = \$CAD/GJ * 38.53 Mj/m³

21 Day Period August 2 2019 to August 30 2019

Natural Gas Conversions

mcf times 0.028328 = 10³m³

1 Dth = 1 mcf

MMBtu times 1.055056 = GJ's

\$/mcf divided by .028328 = \$/10³m³

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

\$/GJ times MJ/m³ = \$/10³m³

Enbridge Gas Distribution Inc. assumes a heat content of 38.53 Mj/m³

	2016	\$(000's)		2017	\$(000's)		2018	\$(000's)		2019	\$(000's)
January		61.1	January		29.4	January		49.7	January		65.2
February		54.5	February		26.9	February		43.3	February		47.6
March		61.3	March		29.3	March		49.8	March		46.2
April		63.2	April		28.8	April		47.7	April		32.7
May		48.4	May		29.8	May		48.5	May		33.6
June		50.5	June		27.9	June		47.0	June		32.7
July		61.5	July		29.7	July		48.8	July		33.8
August		77.4	August		29.7	August		49.6	August - EST		55.0
September		80.3	September		28.7	September		47.2	September		-
October		66.9	October		29.8	October		49.5	October		-
November		45.2	November		22.5	November		77.6	November		-
December		29.8	December		23.3	December		80.4	December		-
		700.0			335.8			639.0			346.8

note - Exhibit B, T1, S1, page 3 references Extraction Revenue of \$0.6 million
 this is based upon the monthly amounts from above for the months of October 2018
 to September 2019

**Annualized Impact of October 1, 2019 Quarterly Rate Adjustment
on the EGD Rate Zone Fiscal 2019 Revenue Requirement**

Line No.	Impact of cost change on utility operations		Col.1 Exhibit Reference	Col.2 Volume (10 ³ M ³)	Col.3 Change in Unit Rates (\$/10 ³ M ³)	Col.4 Quarterly Rate Adjustment Impact (\$000)
		Item Numbers				
1.	Forecast volumes from EB-2018-0305	(4.1, 4.2, 4.3, & 4.6)	B E1.T4.S3.p2	8 249 143.2	(13.303)	A (109,738.4)
2.	Forecast Company use volume	(4.7)	B E1.T4.S3.p2	5 391.9	(13.303)	A (71.7)
3.	Forecast unbilled and unaccounted for volume	(4.8 & 4.9)	B E1.T4.S3.p2	158 964.1	(13.303)	A (2,114.7)
4.	Forecast lost and unaccounted for volume	(4.11)	B E1.T4.S3.p2	<u>20 365.2</u>	(13.303)	A <u>(270.9)</u>
5.	EB-2018-0305 forecast utility gas cost volume - excluding T-service			<u>8 433 864.4</u>		
6.	Gross upstream pass-on of change in purchase cost of gas				(\$000)	(112,195.7)
7.	Updated T-service transportation costs		Exh.C.T1.S1, items 16 & 19		51,026.0	
8.	T-service transportation costs within EB-2019-0155		Exh.C.T1.S1, items 17 & 20		51,987.1	<u>(961.1)</u>
9.	Total impact of upstream pass-on change in purchase cost of gas					(113,156.8)
10.	Impact on carrying cost requirement as a result of upstream pass-on impact on rate base		Exh.C.T2.S2			<u>(1,476.4)</u>
11.	Increase (decrease) in revenue requirement					<u>(114,633.2)</u>
Note : A						
12.	PGVA reference price as examined in this proceeding		Exh.C.T1.S1, item 13	<u>Docket No.</u> EB-2019-0193	140.031	
13.	July 1, 2019 PGVA reference price		Exh.C.T1.S1, item 14	EB-2019-0193	<u>153.334</u>	
14.	Change in price				<u>(13.303)</u>	

Note : B

15. Forecast 2019 volumes are from Exhibit E1, Tab 4, Schedule 3, page 2, filed within EB-2018-0305.

**Annualized Impact of October 1, 2019 Quarterly Rate Adjustment
 on Rate Base and its Associated
Gross Carrying Cost**

	Col.1	Col.2	Col.3
Line No.	Exhibit Reference		
			(\$000)
<hr/>			
1.	Effect on gas in storage of the pass-on of the gas purchase unit rate change	Exh.C.T2.S5	1 506 969.5
2.	Gas purchase unit rate change applied to the volume of gas in storage	Exh.C.T1.S1	<u>(\$13.303)</u> (20,047.2)
3.	Effect on working cash allowance of the upstream pass-on		
3.1	a) Net change in purchase cost of gas	Exh.C.T2.S1	(\$113,156.8)
3.2	b) Net lag-days calculated	Exh.B.T3.S1.p1	<u>2.1</u>
3.3	c) Dollar days		(235,366.1)
3.4	d) Number of operating days		<u>365</u> (644.8)
4.	Effect on the Harmonized Sales Tax of the upstream pass-on	Exh.B.T3.S1.p1	<u>694.5</u>
5.	Change in Rate Base		(19,997.5)
6.	Gross return component	Exh.C.T2.S3	<u>7.38%</u>
7.	Effect on carrying cost requirement		<u><u>(1,476.4)</u></u>

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

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

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

Note 2: The Board Approved 2018 corporate income tax rate of 26.5% is to be used within the gross return calculation for 2019.

Calculation of the Inventory Adjustment

Line No.		Col.1	Col.2
	Exhibit Reference		
1.	Forecast inventory balance at September 30, 2019 (10 ³ M ³)	Exh.C.T2.S5	2 430 455.0
2.	Gas purchase unit rate change applied to the forecast of September 30, 2019 inventory volume (\$/10 ³ M ³)	Exh.C.T1.S1	<u>(\$13.303)</u>
3.	Inventory adjustment (\$000)		<u><u>(\$32,332.3)</u></u>

Gas in Storage
Month End Balances and
Average of Monthly Averages

Line No.	Col.1 Gas In Storage (10 ³ M ³)
Month end balances except @ January 1	
1. January 1	2 067 633.7
2. January	1 600 889.0
3. February	1 145 056.1
4. March	546 518.2
5. April	343 895.9
6. May	630 423.0
7. June	1 052 339.8
8. July	1 511 086.2
9. August	1 965 335.5
10. September	2 430 455.0
11. October	2 521 476.3
12. November	2 293 268.3
13. December	2 018 147.0
14. Average of monthly averages	<u>1 506 969.5</u>

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

	COL. 1	COL. 2	COL. 3
	<u>TOTAL</u>	<u>ANNUAL COMMODITY</u>	<u>SEASONAL SPACE</u>
<u>IMPACT ON RETURN ON RATE BASE</u>			
1.1	(20.05)	0.00	(20.05)
1.2	(0.64)	(0.64)	0.00
1.3	0.69	0.69	0.00
	----	----	----
1.	(20.00)	0.05	(20.05)
<u>RETURN AT 7.38%:</u>			
2.1	(1.48)	0.00	(1.48)
	----	----	----
2.	(1.48)	0.00	(1.48)
<u>TOTAL COST OF SERVICE IMPACT</u>			
3	(1.48)	0.00	(1.48)

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

	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7	COL. 8	COL. 9	COL. 10	COL. 11	COL. 12	COL. 13	COL. 14
	TOTAL	1	6	9	100	110	115	125	135	145	170	200	300	FACTORS C-3.4
ALLOCATION OF O&M COSTS														
1.1 ANNUAL COMMODITY	(115.88)	(67.44)	(44.91)	0.00	0.00	(1.05)	0.00	0.00	(0.04)	(0.10)	(0.49)	(1.84)	0.00	1.1
1.2 PIPELINE PEAK	(0.80)	(0.45)	(0.35)	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.01)	0.00	3.1
1.3 PIPELINE SEASONAL	(6.92)	(3.42)	(3.17)	0.00	0.00	(0.13)	(0.02)	0.00	0.00	(0.02)	(0.05)	(0.11)	0.00	3.2
1.4 PIPELINE ANNUAL	14.41	8.02	5.81	0.00	0.00	0.26	0.00	0.00	0.03	0.01	0.06	0.22	0.00	1.2
1.5 DISTRIBUTION COMMODITY	(2.24)	(0.94)	(0.94)	0.00	0.00	(0.16)	(0.09)	0.00	(0.01)	(0.01)	(0.06)	(0.03)	0.00	1.4
1.6 SPACE	(0.25)	(0.13)	(0.12)	0.00	0.00	(0.00)	(0.00)	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00	3.2
1.7 DELIVERABILITY	(1.03)	(0.57)	(0.44)	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.01)	0.00	3.1
1.8 DAWN T SERVICE	(0.43)	(0.02)	(0.22)	0.00	0.00	(0.10)	(0.04)	0.00	(0.01)	(0.01)	(0.03)	(0.01)	0.00	3.3
1. TOTAL	(113.15)	(64.94)	(44.34)	0.00	0.00	(1.19)	(0.16)	0.00	(0.04)	(0.12)	(0.57)	(1.79)	0.00	
ALLOCATION OF RETURN AND TAXES														
2.1 ANNUAL COMMODITY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.1
2.2 SEASONAL SPACE	(1.48)	(0.73)	(0.68)	0.00	0.00	(0.03)	(0.00)	0.00	0.00	(0.00)	(0.01)	(0.02)	0.00	3.2
2. TOTAL	(1.48)	(0.73)	(0.68)	0.00	0.00	(0.03)	(0.00)	0.00	0.00	(0.00)	(0.01)	(0.02)	0.00	
TOTAL														
3.1 ANNUAL COMMODITY	(115.88)	(67.44)	(44.91)	0.00	0.00	(1.05)	0.00	0.00	(0.04)	(0.10)	(0.49)	(1.84)	0.00	1.1
3.2 PIPELINE PEAK	(0.80)	(0.45)	(0.35)	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.01)	0.00	3.1
3.3 PIPELINE SEASONAL	(6.92)	(3.42)	(3.17)	0.00	0.00	(0.13)	(0.02)	0.00	0.00	(0.02)	(0.05)	(0.11)	0.00	3.2
3.4 PIPELINE ANNUAL	14.41	8.02	5.81	0.00	0.00	0.26	0.00	0.00	0.03	0.01	0.06	0.22	0.00	1.2
3.5 DISTRIBUTION COMMODITY	(2.24)	(0.94)	(0.94)	0.00	0.00	(0.16)	(0.09)	0.00	(0.01)	(0.01)	(0.06)	(0.03)	0.00	1.4
3.6 SEASONAL SPACE	(1.48)	(0.73)	(0.68)	0.00	0.00	(0.03)	(0.00)	0.00	0.00	(0.00)	(0.01)	(0.02)	0.00	3.2
3.7 SPACE	(0.25)	(0.13)	(0.12)	0.00	0.00	(0.00)	(0.00)	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00	3.2
3.8 DELIVERABILITY	(1.03)	(0.57)	(0.44)	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.01)	0.00	3.1
3.9 DAWN T SERVICE	(0.43)	(0.02)	(0.22)	0.00	0.00	(0.10)	(0.04)	0.00	(0.01)	(0.01)	(0.03)	(0.01)	0.00	3.3
3. TOTAL	(114.62)	(65.67)	(45.02)	0.00	0.00	(1.22)	(0.16)	0.00	(0.04)	(0.12)	(0.58)	(1.82)	0.00	
UNIT RATE CHANGE (\$ per 10³m³)														
4.1 ANNUAL COMMODITY	(14.05)	(14.05)	(14.05)	0.00	0.00	(14.05)	0.00	0.00	(14.05)	(14.05)	(14.05)	(14.05)	0.00	
4.2 PIPELINE PEAK	(0.07)	(0.09)	(0.07)	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.04)	0.00	
4.3 PIPELINE SEASONAL	(0.59)	(0.69)	(0.64)	0.00	0.00	(0.15)	(0.04)	0.00	0.00	(0.33)	(0.15)	(0.64)	0.00	
4.4 PIPELINE ANNUAL	1.66	1.66	1.66	0.00	0.00	1.66	0.00	0.00	1.66	1.66	1.66	1.66	0.00	
4.5 DISTRIBUTION COMMODITY	(0.19)	(0.19)	(0.19)	0.00	0.00	(0.19)	(0.19)	0.00	(0.19)	(0.19)	(0.19)	(0.19)	0.00	
4.6 SEASONAL SPACE	(0.13)	(0.15)	(0.14)	0.00	0.00	(0.03)	(0.01)	0.00	0.00	(0.07)	(0.03)	(0.14)	0.00	
4.7 SPACE	(0.02)	(0.03)	(0.02)	0.00	0.00	(0.01)	(0.00)	0.00	0.00	(0.01)	(0.01)	(0.02)	0.00	
4.8 DELIVERABILITY	(0.09)	(0.12)	(0.09)	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.05)	0.00	
4.9 DAWN T SERVICE	(0.16)	(0.16)	(0.16)	0.00	0.00	(0.16)	(0.16)	0.00	(0.16)	(0.16)	(0.16)	(0.16)	0.00	
5.0 TOTAL SALES	(13.47)	(13.65)	(13.54)	0.00	0.00	(12.77)	(0.25)	0.00	(12.58)	(12.99)	(12.76)	(13.46)	0.00	
6.0 TOTAL T-SERVICE	0.58	0.40	0.50	0.00	0.00	1.28	(0.25)	0.00	1.47	1.06	1.29	0.58	0.00	
ITEM 3.1 = ITEM 1.1 + ITEM 2.1														
ITEM 3.2 = ITEM 1.2														
ITEM 3.3 = ITEM 1.3														
ITEM 3.4 = ITEM 1.4														
ITEM 3.5 = ITEM 1.5														
ITEM 3.6 = ITEM 2.2														
ITEM 3.7 = ITEM 1.6														
ITEM 3.8 = ITEM 1.7														
ITEM 3.9 = ITEM 1.8														
ITEM 4.1 = ITEM 3.1/ANNUAL SALES														
ITEM 4.2 = ITEM 3.2/BUNDLED ANNUAL DELIVERIES														
ITEM 4.3 = ITEM 3.3/BUNDLED ANNUAL DELIVERIES														
ITEM 4.4 = ITEM 3.4/BUNDLED ANNUAL DELIVERIES														
ITEM 4.5 = ITEM 3.5/TOTAL ANNUAL DELIVERIES														
ITEM 4.6 = ITEM 3.6/BUNDLED ANNUAL DELIVERIES														
ITEM 4.7 = ITEM 3.7/BUNDLED ANNUAL DELIVERIES														
ITEM 4.8 = ITEM 3.8/BUNDLED ANNUAL DELIVERIES														
ITEM 4.9 = ITEM 3.9/DAWN T TRANSPORTATION DELIVERIES														

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

**TECUMSEH GAS
 RATE DERIVATION**

Item No.	Description	Functional Allocation			Transmission and Compression				Pool Storage		
		Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Col.9	Col.10
		Total	T/C	Pool	Classification Factor	Annual Demand	Daily Demand	Commodity	Annual Demand	Daily Demand	Commodity
1	Change in Cost of Lost and Unaccounted for Volume (\$000)	(270.9)	69%	31%	100% Commodity	0.0	0.0	(186.9)	0.0	0.0	(84.0)
2.	Forecasted Gas Volumes (10 ³ m ³)	n/a				2,799,104	46,446	5,252,601	2,637,104	43,611	4,928,601
3.	Unit cost - Annual (\$/10 ³ m ³)	n/a				0.0000	0.0000	(0.0356)	0.0000	0.0000	(0.0170)

ALLOCATION FACTORS
 (10⁶m³)

	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7	COL. 8	COL. 9	COL. 10	COL. 11	COL. 12	COL. 13
	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE
	1	6	9	100	110	115	125	135	145	170	200	300	
TOTAL													
1.1 ANNUAL SALES	8,249.1	4,801.0	3,197.0	-	-	75.0	-	-	3.2	7.1	34.8	131.1	-
1.2 BUNDLED TRANSPORTATION DELIVERIES	8,676.2	4,831.3	3,496.6	-	-	157.1	-	-	16.9	8.4	34.8	131.1	-
1.3 BUNDLED ANNUAL DELIVERIES	11,777.6	4,933.6	4,923.6	-	-	846.3	466.6	-	64.7	45.6	322.4	174.8	-
1.4 BUNDLED WINTER DELIVERIES	7,644.2	3,418.3	3,313.9	-	-	402.8	201.3	-	13.1	24.9	152.6	117.4	-
3.1 DELIVERABILITY	54.6	30.5	23.6	-	-	-	0.1	-	-	-	-	0.4	-
3.2 SPACE	2,785.6	1,377.3	1,277.0	-	-	52.7	8.3	-	-	6.1	19.2	45.1	-
3.3 DAWN TRANSPORTATION DELIVERIES	2,749.8	100.8	1,416.9	-	-	621.0	281.3	-	47.4	37.2	201.4	43.7	-

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

ITEM NO.	RATE NO.	REVENUE - EB-2019-0155				(SUFFICIENCY)/DEFICIENCY				REVENUE - EB-2019-0193									
		DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	COMMODITY TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	COMMODITY TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	COMMODITY TOTAL			
1.	1	908,342	197,722	841	64,945	498,214	1,670,065	(1,638)	8,023	(16)	(4,602)	(67,439)	(65,671)	906,704	205,746	826	60,344	430,775	1,604,394
2.	6	395,496	143,099	11,827	60,235	332,444	943,102	(1,497)	5,807	(221)	(4,193)	(44,908)	(45,013)	394,000	148,906	11,606	56,042	287,536	898,090
3.	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	110	20,494	6,430	5,183	2,136	7,761	42,004	(166)	261	(97)	(159)	(1,064)	(1,215)	20,328	6,691	5,086	1,977	6,707	40,789
6.	115	6,050	0	2,348	443	0	8,842	(91)	0	(44)	(26)	0	(161)	5,959	0	2,304	417	0	8,681
7.	125	11,008	0	0	0	0	11,008	0	0	0	0	0	0	11,008	0	0	0	0	11,008
8.	135	1,286	690	396	(545)	329	2,156	(12)	28	(7)	0	(45)	(36)	1,274	718	389	(545)	285	2,119
9.	145	1,411	344	311	9	739	2,813	(9)	14	(6)	(18)	(100)	(120)	1,402	358	305	(10)	638	2,694
10.	170	2,938	1,423	1,681	(3,092)	3,596	6,545	(63)	58	(31)	(58)	(488)	(583)	2,874	1,481	1,649	(3,150)	3,108	5,962
11.	200	4,262	5,365	365	1,806	13,557	25,354	(46)	218	(7)	(143)	(1,841)	(1,819)	4,216	5,582	358	1,663	11,716	23,535
12.	300	56	0	0	0	0	56	0	0	0	0	0	0	56	0	0	0	0	56
13.	SUB-TOTAL	1,351,342	355,073	22,952	125,937	856,641	2,711,945	(3,522)	14,409	(430)	(9,199)	(115,876)	(114,618)	1,347,820	369,481	22,523	116,738	740,765	2,597,327
14.	STORAGE	1,789	0	0	0	0	1,789	(15)	0	0	0	0	(15)	1,774	0	0	0	0	1,774
15.	DPAC	1,423	0	0	0	0	1,423	0	0	0	0	0	0	1,423	0	0	0	0	1,423
16.	332	17,397	0	0	0	0	17,397	0	0	0	0	0	0	17,397	0	0	0	0	17,397
17.	TOTAL	1,371,951	355,073	22,952	125,937	856,641	2,732,553	(3,537)	14,409	(430)	(9,199)	(115,876)	(114,632)	1,368,414	369,481	22,523	116,738	740,765	2,617,921

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

ITEM NO.	RATE NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13			
															DISTRIBUTION		
		VOLUMES	REVENUES	UNIT RATE	VOLUMES	REVENUES	UNIT RATE	VOLUMES	REVENUES	UNIT RATE	VOLUMES	REVENUES	UNIT RATE	VOLUMES	REVENUES	UNIT RATE	TOTAL REVENUES
		10 ³ m ³	\$000	e/m ³	10 ³ m ³	\$000	e/m ³	10 ³ m ³	\$000	e/m ³	10 ³ m ³	\$000	e/m ³	10 ³ m ³	\$000	e/m ³	\$000
1.	1	4,933,563	906,704	18.38	4,831,331	205,746	4.26	100,804	826	0.82	4,933,563	60,344	1.22	4,800,951	430,775	8.97	1,604,394
2.	6	4,923,606	394,000	8.00	3,496,617	148,906	4.26	1,416,924	11,606	0.82	4,923,606	56,042	1.14	3,196,980	287,536	8.99	898,090
3.	9	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
4.	100	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0
5.	110	846,266	20,328	2.40	157,113	6,691	4.26	620,988	5,086	0.82	846,266	1,977	0.23	75,042	6,707	8.94	40,789
6.	115	466,559	5,959	1.28	0	0	0.00	281,305	2,304	0.82	466,559	417	0.09	0	0	0.00	8,681
7.	125	0	11,008	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	11,008
8.	135	64,744	1,274	1.97	16,854	718	4.26	47,438	389	0.82	64,744	(545)	(0.84)	3,181	285	8.94	2,119
9.	145	45,649	1,402	3.07	8,417	358	4.26	37,231	305	0.82	45,649	(10)	(0.02)	7,138	638	8.94	2,694
10.	170	322,394	2,874	0.89	34,768	1,481	4.26	201,359	1,649	0.82	322,394	(3,150)	(0.98)	34,768	3,108	8.94	5,962
11.	200	174,808	4,216	2.41	131,083	5,582	4.26	43,725	358	0.00	174,808	1,663	0.95	131,083	11,716	8.94	23,535
12.	300	0	56	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	56
13.	SUB-TOTAL	11,777,589	1,347,820	11.44	8,676,185	369,481	4.26	2,749,774	22,523	0.82	11,777,589	116,738	0.99	8,249,143	740,765	8.98	2,597,327
14.	STORAGE	N/A	1,774	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1,774
15.	DPAC	N/A	1,423	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1,423
16.	332	N/A	17,397	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	17,397
17.	TOTAL	11,777,589	1,368,414	11.44	8,676,185	369,481	4.26	2,749,774	22,523	0.82	11,777,589	116,738	0.99	8,249,143	740,765	8.98	2,617,921

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

	Col. 1	Col. 2	Col. 3	Col. 4
		REVENUE - EB-2019-0155	REVENUE - EB-2019-0193	
Item No.	Rate No.	Current Revenue (\$000)	Proposed Revenue (\$000)	Total Difference (\$000)
1.	1	1,670,065	1,604,394	(65,671)
2.	6	943,102	898,090	(45,013)
3.	9	0	0	0
4.	100	0	0	0
5.	110	42,004	40,789	(1,215)
6.	115	8,842	8,681	(161)
7.	125	11,008	11,008	0
8.	135	2,156	2,119	(36)
9.	145	2,813	2,694	(120)
10.	170	6,545	5,962	(583)
11.	200	25,354	23,535	(1,819)
12.	300	56	56	0
13.	SUB-TOTAL	2,711,945	2,597,327	(114,618)
14.	STORAGE	1,789	1,774	(15)
15.	DPAC	1,423	1,423	0
16.	332	17,397	17,397	0
16.	TOTAL	2,732,553	2,617,921	(114,632)

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
			<u>Rate Block</u> m ³	<u>EB-2019-0155</u> cents *	<u>Rate Change</u> cents *	<u>Proposed EB-2019-0193</u> cents *
RATE 1						
1.01		Customer Charge		\$20.00	\$0.00	\$20.00
1.02		Delivery Charge	first 30	9.4528	(0.0371)	9.4157
1.03			next 55	8.8438	(0.0347)	8.8091
1.04			next 85	8.3669	(0.0329)	8.3341
1.05			over 170	8.0114	(0.0315)	7.9800
1.06		Gas Supply Load Balancing		1.3164	(0.0933)	1.2231
1.07		Gas Supply Transportation		4.0925	0.1661	4.2586
1.08		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
1.09		Gas Supply Commodity - System		10.3774	(1.4047)	8.9727
1.10		Gas Supply Commodity - Buy/Sell		10.3579	(1.4047)	8.9532
RATE 6						
2.01		Customer Charge		\$70.00	\$0.00	\$70.00
2.02		Delivery Charge	First 500	8.8122	(0.0519)	8.7603
2.03			Next 1050	6.7367	(0.0396)	6.6970
2.04			Next 4500	5.2832	(0.0311)	5.2521
2.05			Next 7000	4.3494	(0.0256)	4.3238
2.06			Next 15250	3.9345	(0.0232)	3.9113
2.07			Over 28300	3.8303	(0.0225)	3.8077
2.08		Gas Supply Load Balancing		1.2234	(0.0852)	1.1382
2.09		Gas Supply Transportation		4.0925	0.1661	4.2586
2.10		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
2.11		Gas Supply Commodity - System		10.3987	(1.4047)	8.9940
2.12		Gas Supply Commodity - Buy/Sell		10.3792	(1.4047)	8.9745
RATE 9						
3.01		Customer Charge		\$235.95	\$0.00	\$235.95
3.02		Delivery Charge	first 20000	11.2516	0.0000	11.2516
3.03			over 20000	10.5319	0.0000	10.5319
3.04		Gas Supply Load Balancing		0.0155	(0.0011)	0.0145
3.05		Gas Supply Transportation		4.0925	0.1661	4.2586
3.06		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
3.07		Gas Supply Commodity - System		10.3425	(1.4047)	8.9378
3.08		Gas Supply Commodity - Buy/Sell		10.3231	(1.4047)	8.9184
RATE 100						
4.01		Customer Charge		\$122.01	\$0.00	\$122.01
4.02		Demand Charge (Cents/Month/m ³)		36.0000	0.0000	36.0000
4.03		Delivery Charge	first 14,000	0.1766	(0.0019)	0.1747
4.04			next 28,000	0.1766	(0.0019)	0.1747
4.05			over 42,000	0.1766	(0.0019)	0.1747
4.06		Gas Supply Load Balancing		1.2234	(0.0852)	1.1382
4.07		Gas Supply Transportation		4.0925	0.1661	4.2586
4.08		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
4.09		Gas Supply Commodity - System		10.3987	(1.4047)	8.9940
4.10		Gas Supply Commodity - Buy/Sell		10.3792	(1.4047)	8.9745
RATE 110						
5.01		Customer Charge		\$587.37	\$0.00	\$587.37
5.02		Demand Charge (Cents/Month/m ³)		22.9100	0.0000	22.9100
5.03		Delivery Charge	first 1,000,000	0.8489	(0.0196)	0.8293
5.04			over 1,000,000	0.6989	(0.0196)	0.6793
5.05		Gas Supply Load Balancing		0.2524	(0.0188)	0.2336
5.06		Gas Supply Transportation		4.0925	0.1661	4.2586
5.07		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
5.08		Gas Supply Commodity - System		10.3426	(1.4047)	8.9379
5.09		Gas Supply Commodity - Buy/Sell		10.3231	(1.4047)	8.9184

NOTE : * Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (cont)

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
			Rate Block m ³	EB-2019-0155 cents *	Rate Change cents *	Proposed EB-2019-0193 cents *
RATE 115						
1.01		Customer Charge		\$622.62	\$0.00	\$622.62
1.02		Demand Charge (Cents/Month/m ³)		24.3600	0.0000	24.3600
1.03		Delivery Charge	first 1,000,000	0.4239	(0.0195)	0.4044
1.04			over 1,000,000	0.3239	(0.0195)	0.3044
1.05		Gas Supply Load Balancing		0.0950	(0.0056)	0.0894
1.06		Gas Supply Transportation		4.0925	0.1661	4.2586
1.07		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
1.08		Gas Supply Commodity - System		10.3426	(1.4047)	8.9379
1.09		Gas Supply Commodity - Buy/Sell		10.3231	(1.4047)	8.9184
<hr/>						
RATE 125						
2.01		Customer Charge		500.00	\$ -	\$ 500.00
2.02		Delivery Charge (Cents/Month/m ³ of Contract Dmnd)		9.8840	0.0000	9.8840
<hr/>						
RATE 135 DEC - MAR						
3.00		Customer Charge		\$115.08	\$0.00	\$115.08
3.01		Delivery Charge	first 14,000	7.1544	(0.0190)	7.1354
3.02			next 28,000	5.9544	(0.0190)	5.9354
3.03			over 42,000	5.5544	(0.0190)	5.5354
3.04		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.05		Gas Supply Transportation		4.0925	0.1661	4.2586
3.06		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
3.07		Gas Supply Commodity - System		10.3496	(1.4047)	8.9449
3.08		Gas Supply Commodity - Buy/Sell		10.3301	(1.4047)	8.9254
<hr/>						
RATE 135 APR - NOV						
3.09		Customer Charge		\$115.08	\$0.00	\$115.08
3.10		Delivery Charge	first 14,000	2.4544	(0.0190)	2.4354
3.11			next 28,000	1.7544	(0.0190)	1.7354
3.12			over 42,000	1.5544	(0.0190)	1.5354
3.13		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.14		Gas Supply Transportation		4.0925	0.1661	4.2586
3.15		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
3.16		Gas Supply Commodity - System		10.3496	(1.4047)	8.9449
3.17		Gas Supply Commodity - Buy/Sell		10.3301	(1.4047)	8.9254
<hr/>						
RATE 145						
4.00		Customer Charge		\$123.34	\$0.00	\$123.34
4.01		Demand Charge (Cents/Month/m ³)		8.2300	0.0000	8.2300
4.02		Delivery Charge	first 14,000	2.9982	(0.0203)	2.9779
4.03			next 28,000	1.6392	(0.0203)	1.6189
4.04			over 42,000	1.0802	(0.0203)	1.0599
4.05		Gas Supply Load Balancing		0.5666	(0.0400)	0.5266
4.06		Gas Supply Transportation		4.0925	0.1661	4.2586
4.07		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
4.08		Gas Supply Commodity - System		10.3463	(1.4048)	8.9415
4.09		Gas Supply Commodity - Buy/Sell		10.3268	(1.4048)	8.9220
<hr/>						
RATE 170						
5.00		Customer Charge		\$279.31	\$0.00	\$279.31
5.01		Demand Charge (Cents/Month/m ³)		4.0900	0.0000	4.0900
5.02		Delivery Charge	first 1,000,000	0.5471	(0.0196)	0.5275
5.03			over 1,000,000	0.3471	(0.0196)	0.3275
5.04		Gas Supply Load Balancing		0.2464	(0.0180)	0.2284
5.05		Gas Supply Transportation		4.0925	0.1661	4.2586
5.06		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
5.07		Gas Supply Commodity - System		10.3426	(1.4047)	8.9379
5.08		Gas Supply Commodity - Buy/Sell		10.3231	(1.4047)	8.9184

NOTE : * Cents unless otherwise noted.

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

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
			<u>Rate Block</u> m ³	<u>EB-2019-0155</u> cents *	<u>Rate Change</u> cents *	<u>Proposed EB-2019-0193</u> cents *
RATE 200						
1.00		Customer Charge		\$0.00	\$0.00	\$0.00
1.01		Demand Charge (Cents/Month/m ³)		14.7000	0.0000	14.7000
1.02		Delivery Charge		1.1834	(0.0262)	1.1573
1.03		Gas Supply Load Balancing		1.1451	(0.0816)	1.0635
1.04		Gas Supply Transportation		4.0925	0.1661	4.2586
1.05		Gas Supply Transportation Dawn		0.8347	(0.0156)	0.8191
1.06		Gas Supply Commodity - System		10.3426	(1.4048)	8.9378
1.07		Gas Supply Commodity - Buy/Sell		10.3231	(1.4048)	8.9183
<hr/>						
RATE 300 FIRM SERVICE						
2.00		Monthly Customer Charge		\$500.00	\$0.00	\$500.00
2.01		Demand Charge (Cents/Month/m ³)		26.6881	0.0000	26.6881
INTERRUPTIBLE SERVICE						
2.02		Minimum Delivery Charge (Cents/Month/m ³)		0.3899	0.0000	0.3899
2.03		Maximum Delivery Charge (Cents/Month/m ³)		1.0529	0.0000	1.0529
<hr/>						
RATE 315						
3.00		Monthly Customer Charge		\$150.00	\$0.00	\$150.00
3.01		Space Demand Chg (Cents/Month/m ³)		0.0537	0.0000	0.0537
3.02		Deliverability/Injection Demand Chg (Cents/Month/m ³)		22.3004	(0.1577)	22.1427
3.02		Injection & Withdrawal Chg (Cents/Month/m ³)		0.2668	(0.0039)	0.2629
<hr/>						
RATE 316						
4.00		Monthly Customer Charge		\$150.00	\$0.00	\$150.00
4.01		Space Demand Chg (Cents/Month/m ³)		0.0537	0.0000	0.0537
4.01		Deliverability/Injection Demand Chg (Cents/Month/m ³)		5.5775	0.0000	5.5775
4.02		Injection & Withdrawal Chg (Cents/Month/m ³)		0.0977	(0.0039)	0.0938
<hr/>						
RATE 320						
5.00		Backstop	All Gas Sold	15.0286	(1.2762)	13.7524

NOTE : * Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (cont)

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
			Rate Block m ³	EB-2019-0155 cents *	Rate Change cents *	Proposed EB-2019-0193 cents *
RATE 325						
Transmission & Compression						
1.00		Demand Charge - ATV (\$/Month/10 ³ m ³)		0.2071	0.0000	0.2071
1.01		Demand Charge - Daily Wdrl. (\$/Month/10 ³ m ³)		22.7879	0.0000	22.7879
1.02		Commodity Charge		0.8322	(0.0356)	0.7966
Storage						
1.03		Demand Charge - ATV (\$/Month/10 ³ m ³)		0.1955	0.0000	0.1955
1.04		Demand Charge - Daily Wdrl. (\$/Month/10 ³ m ³)		21.7395	0.0000	21.7395
1.05		Commodity Charge		0.1086	(0.0170)	0.0916
(2) Note: These are UNBUNDLED Rates						
<hr/>						
RATE 330 Storage Service - Firm						
Demand Charge (\$/Month/10 ³ m ³ of ATV)						
2.00		Minimum		0.4026	0.0000	0.4026
2.01		Maximum		2.0130	0.0000	2.0130
Demand Charge (\$/Month/10 ³ m ³ of Daily Withdrawal)						
2.02		Minimum		44.5274	0.0000	44.5274
2.03		Maximum		222.6370	0.0000	222.6370
Commodity Charge						
2.04		Minimum		0.9408	(0.0526)	0.8882
2.05		Maximum		4.7040	(0.2630)	4.4410
Storage Service - Interruptible						
Demand Charge (\$/Month/10 ³ m ³ of ATV)						
2.06		Minimum		0.4026	0.0000	0.4026
2.07		Maximum		2.0130	0.0000	2.0130
Demand Charge (\$/Month/10 ³ m ³ of Daily Withdrawal)						
2.08		Minimum		35.6219	0.0000	35.6219
2.09		Maximum		178.1096	0.0000	178.1096
Commodity Charge						
2.10		Minimum		0.9408	(0.0526)	0.8882
2.11		Maximum		4.7040	(0.2630)	4.4410
Storage Service - Off Peak						
Commodity Charge						
2.12		Minimum		0.3629	(0.0170)	0.3459
2.13		Maximum		41.2330	(0.2630)	40.9700
<hr/>						
RATE 331 Tecumseh Transmission Service						
Firm						
Demand Charge (\$/Month/10 ³ m ³ of						
3.00		Maximum Contracted Daily Delivery)		5.6430	0.0000	5.6430
Interruptible						
3.01		Commodity Charge (\$/10 ³ m ³ of gas delivered)		0.2230	0.0000	0.2230

NOTE : * Cents unless otherwise noted.

CALCULATION OF GAS SUPPLY CHARGES BY RATE CLASS

Item	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
	TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200	REFERENCE
DERIVATION OF GAS SUPPLY CHARGE												
GAS SUPPLY COSTS (\$000)												
1.1 Annual Commodity	733,859	427,102	284,409	-	-	6,676	-	283	635	3,093	11,661	
1.2 Bad Debt Commodity	3,463	1,669	1,793	-	-	-	-	0	0	-	-	
1.3 System Gas Fee	1,608	936	623	-	-	15	-	1	1	7	26	
1.4 Return on Rate Base - Working Cash	1,834	1,067	711	-	-	17	-	1	2	8	29	
1 Total Commodity Costs	<u>740,764</u>	<u>430,773</u>	<u>287,536</u>	<u>-</u>	<u>-</u>	<u>6,707</u>	<u>-</u>	<u>285</u>	<u>638</u>	<u>3,108</u>	<u>11,716</u>	
VOLUMES (103 m3)												
2.1 System and Buy/Sell Volumes	8,249,143	4,800,951	3,196,980	-	-	75,042	-	3,181	7,138	34,768	131,083	
2.2 System Volumes	8,249,143	4,800,951	3,196,980	-	-	75,042	-	3,181	7,138	34,768	131,083	
GAS SUPPLY CHARGE SYSTEM (¢/m³)												
3.1 Annual Commodity	8.8962	8.8962	8.8962	-	-	8.8962	-	8.8962	8.8962	8.8962	8.8961	1.1 / 2.1
3.2 Bad Debt Commodity	0.0420	0.0348	0.0561	-	-	-	-	0.0070	0.0036	-	-	1.2 / 2.1
3.3 System Gas Fee	0.0195	0.0195	0.0195	-	-	0.0195	-	0.0195	0.0195	0.0195	0.0195	1.3 / 2.2
3.4 Return on Rate Base - Working Cash	0.0222	0.0222	0.0222	-	-	0.0222	-	0.0222	0.0222	0.0222	0.0222	1.4 / 2.1
3 System Gas Supply Charge	<u>8.9799</u>	<u>8.9727</u>	<u>8.9940</u>	<u>-</u>	<u>-</u>	<u>8.9379</u>	<u>8.9379</u>	<u>8.9449</u>	<u>8.9415</u>	<u>8.9379</u>	<u>8.9378</u>	
GAS SUPPLY CHARGE BUY/SELL(¢/m3)												
4.1 Annual Commodity	8.8962	8.8962	8.8962	-	-	8.8962	-	8.8962	8.8962	8.8962	8.8961	1.1 / 2.1
4.2 Bad Debt Commodity	0.0420	0.0348	0.0561	-	-	-	-	0.0070	0.0036	-	-	1.2 / 2.1
4.3 Return on Rate Base - Working Cash	0.0222	0.0222	0.0222	-	-	0.0222	-	0.0222	0.0222	0.0222	0.0222	1.4 / 2.1
4 Buy/Sell Gas Supply Charge	<u>8.9604</u>	<u>8.9532</u>	<u>8.9745</u>	<u>-</u>	<u>-</u>	<u>8.9184</u>	<u>8.9184</u>	<u>8.9254</u>	<u>8.9220</u>	<u>8.9184</u>	<u>8.9183</u>	

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

Item	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
	TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200	REFERENCE
DERIVATION OF LOAD BALANCING CHARGES												
ANNUAL LOAD BALANCING COSTS (\$000)												
5.1 Peak	13,217	7,306	5,740	-	-	38	8	-	-	-	126	
5.2 Seasonal	88,256	43,163	40,975	-	-	1,576	336	-	196	600	1,410	
5.3 Return on Rate Base - Gas in Inventory	20,138	9,874	9,323	-	-	363	73	-	44	136	324	
5 Total Load Balancing	121,611	60,343	56,039	-	-	1,977	417	-	240	736	1,859	
VOLUMES (10³ m³)												
6.1 Annual Deliveries	11,777,589	4,933,563	4,923,606	-	-	846,266	466,559	64,744	45,649	322,394	174,808	
7 ANNUAL LOAD BALANCING CHARGE (¢/m3) Load Balancing		1.2231	1.1382	-	-	0.2336	0.0894	-	0.5266	0.2284	1.0635	5.0 / 6
DERIVATION OF TRANSPORTATION CHARGES												
VOLUMES (10³ m³)												
8.1 Annual Transportation Volumes Western TS and Sales	8,676,185	4,831,331	3,496,617	-	-	157,113	-	16,854	8,417	34,768	131,083	
8.2 Annual Transportation Volumes Dawn TS	2,749,774	100,804	1,416,924	-	-	620,988	281,305	47,438	37,231	201,359	43,725	
9.1 Annual Transportation Costs - WTS and Sales (\$000)	369,481	205,746	148,906	-	-	6,691	-	718	358	1,481	5,582	
9.2 Annual Transportation Costs - Dawn TS (\$000)	22,523	826	11,606	-	-	5,086	2,304	389	305	1,649	358	
10 Annual Total Transportation Costs (\$000)	392,004	206,571	160,512	-	-	11,777	2,304	1,106	663	3,130	5,940	
PROPOSED TRANSPORTATION CHARGE												
10.1 - Western TS and Sales(¢/m3)		4.2586	4.2586	4.2586	4.2586	4.2586	4.2586	4.2586	4.2586	4.2586	4.2586	
10.2 - Dawn TS (¢/m3)		0.8191	0.8191	0.8191	0.8191	0.8191	0.8191	0.8191	0.8191	0.8191	0.8191	

SUPPORTING CALCULATION OF GAS SUPPLY COSTS BY RATE CLASS

Item	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
	TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200
1 EB-2018-0155 Gas Supply Charge ¢/m ³		10.3774	10.3987	10.3425	10.3987	10.3426	10.3426	10.3496	10.3463	10.3426	10.3426
2 EB-2018-0305 Sales Volume '000 m ³	8,249,143	4,800,951	3,196,980	-	-	75,042	-	3,181	7,138	34,768	131,083
3 Gas Supply Charge Revenue \$'000	856,641	498,214	332,444	-	-	7,761	-	329	739	3,596	13,557
<i>Less</i>											
4 Commodity Cost Change ⁽¹⁾	(115,883)	(67,443)	(44,911)	-	-	(1,054)	-	(45)	(100)	(488)	(1,841)
5 Working Cash Commodity Change ⁽²⁾	4	2	1	-	-	0	-	0	0	0	0
6 Gas Supply Costs underpinning EB-2019-0193 rates	740,764	430,774	287,536	-	-	6,707	-	285	638	3,108	11,716
7 Gas Supply Charge		8.9727	8.9940	0.0000	-	8.9379	-	8.9449	8.9415	8.9379	8.9378

Notes:

(1) Exhibit C, Tab 3, Sch. 2, Item 1.1

(2) Exhibit C, Tab 3, Sch. 2, Item 2.1

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

		Reference
RATE 135		
Seasonal Credits Applicable to Rate 135	\$ (545)	ExhCT4S5 P5 line 2.4
Annual Volume (103 m3)	64,744	
Mean Daily Volume (103 m3)	177	
Annual Seasonal Credits	\$ (3.08)	
Payable from December to March	\$ (0.77)	
RATE 145		
Seasonal Credits Applicable to Rate 145	\$ (250)	ExhCT4S5 P6 line 2.4
Annual Volume (103 m3)	45,649	
Mean Daily Volume (103 m3)		
16 Hours	125	
Annual Seasonal Credits		
16 Hours	\$ (2.00)	
Payable from December to March	\$ (0.50)	
Seasonal Credits Applicable to Rate 145		
16 Hours	\$ (250)	
RATE 170		
Seasonal Credits Applicable to Rate 170	\$ (3,886)	ExhCT4S5 P6 line 7.4
Annual Volume (103 m3)	322,394	
Mean Daily Volume (103 m3)	883	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	
RATE 200		
Seasonal Credits Applicable to Rate 200	\$ (196)	ExhCT4S5 P7 line 2.4
Annual Volume (103 m3)	16,274	
Mean Daily Volume (103 m3)	45	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

Item No.	Col. 1	Col. 2	EB-2019-0155		Col. 5	Proposed EB-2019-0193		
	<u>Rate Block</u> m ³	<u>Bills & Volumes</u> 10 ³ m ³	<u>Rate</u> cents*	<u>Revenues</u> \$000	<u>Rate Change</u> cents*	<u>Rate</u> cents*	<u>Revenues</u> \$000	
RATE 1								
1.1	Customer Charge	Bills	24,555,584	\$20.00	491,112	\$0.00	\$20.00	491,112
1.2	Delivery Charge	first 30	696,306	9.4528	65,821	(0.0371)	9.4157	65,562
1.3		next 55	971,505	8.8438	85,918	(0.0347)	8.8091	85,581
1.4		next 85	1,085,414	8.3669	90,816	(0.0329)	8.3341	90,459
1.5		over 170	<u>2,180,338</u>	8.0114	<u>174,676</u>	(0.0315)	7.9800	<u>173,990</u>
1.	Total Distribution Charge		4,933,563		908,342			906,704
2.1	Gas Supply Load Balancing		4,933,563	1.3164	64,945	(0.0933)	1.2231	60,342
2.2	Gas Supply Transportation		4,831,331	4.0925	197,722	0.1661	4.2586	205,747
2.3	Gas Supply Transportation Dawn		100,804	0.8347	841	(0.0156)	0.8191	826
3.1	Gas Supply Commodity - System		4,800,951	10.3774	498,214	(1.4047)	8.9727	430,775
3.2	Gas Supply Commodity - Buy/Sell		<u>0</u>	10.3579	<u>0</u>	(1.4047)	8.9532	<u>0</u>
3.	Total Gas Supply Charge		4,800,951		498,214			430,775
4.1	TOTAL DISTRIBUTION		4,933,563		908,342			906,704
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,933,563		263,509			266,915
4.3	TOTAL GAS SUPPLY COMMODITY		<u>4,800,951</u>		<u>498,214</u>			<u>430,775</u>
4.	TOTAL RATE 1		<u>4,933,563</u>		1,670,065			1,604,394
5.	Adj. Factor	1.0000						
6.	ADJUSTED REVENUE				<u>1,670,065</u>			<u>1,604,394</u>
7.	REVENUE INC./(DEC.)							(65,671)

NOTE: * Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

Item No.	Col. 1	Col. 2	EB-2019-0155		Col. 5	Proposed EB-2019-0193		
			Rate	Revenues		Rate	Revenues	
	Rate Block m ³	Bills & Volumes 10 ³ m ³	cents*	\$000	cents*	cents*	\$000	
RATE 6								
1.1	Customer Charge	Bills	2,016,776	\$70.00	141,174	\$0.00	\$70.00	141,174
1.2	Delivery Charge	First 500	556,410	8.8122	49,032	(0.0519)	8.7603	48,743
1.3		Next 1050	613,486	6.7367	41,329	(0.0396)	6.6970	41,085
1.4		Next 4500	1,083,910	5.2832	57,266	(0.0311)	5.2521	56,929
1.5		Next 7000	718,306	4.3494	31,242	(0.0256)	4.3238	31,058
1.6		Next 15250	677,368	3.9345	26,651	(0.0232)	3.9113	26,494
1.7		Over 28300	<u>1,274,125</u>	<u>3.8303</u>	<u>48,803</u>	<u>(0.0225)</u>	<u>3.8077</u>	<u>48,515</u>
1.	Total Distribution Charge		<u>4,923,606</u>		<u>395,496</u>			<u>394,000</u>
2.1	Gas Supply Load Balancing	4,923,606	1.2234	60,235	(0.0852)	1.1382	56,040	
2.2	Gas Supply Transportation	3,496,617	4.0925	143,099	0.1661	4.2586	148,907	
2.3	Gas Supply Transportation Dawn	1,416,924	0.8347	11,827	(0.0156)	0.8191	11,606	
3.1	Gas Supply Commodity - System	3,196,980	10.3987	332,444	(1.4047)	8.9940	287,536	
3.2	Gas Supply Commodity - Buy/Sell	<u>0</u>	<u>10.3792</u>	<u>0</u>	<u>(1.4047)</u>	<u>8.9745</u>	<u>0</u>	
3.	Total Gas Supply Charge	<u>3,196,980</u>		<u>332,444</u>			<u>287,536</u>	
4.1	TOTAL DISTRIBUTION	4,923,606		395,496			394,000	
4.2	TOTAL GAS SUPPLY LOAD BALANCING	4,923,606		215,162			216,553	
4.3	TOTAL GAS SUPPLY COMMODITY	<u>3,196,980</u>		<u>332,444</u>			<u>287,536</u>	
4.	TOTAL RATE 6	<u>4,923,606</u>		<u>943,102</u>			<u>898,090</u>	
5.	Adj. Factor	1.000						
6.	ADJUSTED REVENUE			<u>943,102</u>			<u>898,090</u>	
7.	REVENUE INC./(DEC.)						(45,014)	

NOTE * Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

Item No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
	<u>Rate Block</u> m ³	<u>Bills & Volumes</u> 10 ³ m ³	<u>EB-2019-0155</u>		<u>Rate Change</u> cents*	<u>Proposed EB-2019-0193</u>		
			<u>Rate</u> cents*	<u>Revenues</u> \$000		<u>Rate</u> cents*	<u>Revenues</u> \$000	
RATE 9								
1.1	Customer Charge	Bills	0	\$235.95	0	\$0.00	\$235.95	0
1.2	Delivery Charge	first 20000	0	11.2516	0	0.0000	11.2516	0
1.3		over 20000	0	10.5319	0	0.0000	10.5319	0
1.	Total Distribution Charge		0		0			0
2.1	Gas Supply Load Balancing		0	0.0155	0	(0.0011)	0.0145	0
2.2	Gas Supply Transportation		0	4.0925	0	0.1661	4.2586	0
2.3	Gas Supply Transportation Dawn		0	0.8347	0	(0.0156)	0.8191	0
3.1	Gas Supply Commodity - System		0	10.3425	0	(1.4047)	8.9378	0
3.2	Gas Supply Commodity - Buy/Sell		0	10.3231	0	(1.4047)	8.9184	0
3.	Total Gas Supply Charge		0		0			0
4.1	TOTAL DISTRIBUTION		0		0			0
4.2	TOTAL GAS SUPPLY LOAD BALANCING		0		0			0
4.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
4	TOTAL RATE 9		<u>0</u>		<u>0</u>			<u>0</u>
5.	REVENUE INC./(DEC.)							0
RATE 100								
	<u>Rate Block</u> m ³	<u>Contracts & Volumes</u> 10 ³ m ³	<u>EB-2019-0155</u>		<u>Rate Change</u> cents*	<u>Proposed EB-2019-0193</u>		
			<u>Rate</u> cents*	<u>Revenues</u> \$000		<u>Rate</u> cents*	<u>Revenues</u> \$000	
1.1	Customer Charge	Contracts	0	\$122.01	0	\$0.00	\$122.01	0
1.2	Demand Charge		0	\$36.00	0	-	36.00	0
1.3	Delivery Charge	first 14,000	0	0.1766	0	(0.0019)	0.1747	0
1.4		next 28,000	0	0.1766	0	(0.0019)	0.1747	0
1.5		over 42,000	0	0.1766	0	(0.0019)	0.1747	0
1	Total Distribution Charge		0		0			0
2.1	Gas Supply Load Balancing		0	1.2234	0	(0.0852)	1.1382	0
2.2	Gas Supply Transportation		0	4.0925	0	0.1661	4.2586	0
2.3	Gas Supply Transportation Dawn		0	0.8347	0	(0.0156)	0.8191	0
3.1	Gas Supply Commodity - System		0	10.3987	0	(1.4047)	8.9940	0
3.2	Gas Supply Commodity - Buy/Sell		0	10.3792	0	(1.4047)	8.9745	0
3	Total Gas Supply Charge		0		0			0
4.1	TOTAL DISTRIBUTION		0		0			0
4.2	TOTAL GAS SUPPLY LOAD BALANCING		0		0			0
4.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
4	TOTAL RATE 100		<u>0</u>		<u>0</u>			<u>0</u>
5	REVENUE INC./(DEC.)							0

NOTE: * Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

Item No.	Col. 1 Rate Block m ³	Col. 2 Contracts & Volumes 10 ³ m ³	EB-2019-0155		Col. 5 Rate Change cents*	Proposed EB-2019-0193		
			Col. 3 Rate cents*	Col. 4 Revenues \$000		Col. 6 Rate cents*	Col. 7 Revenues \$000	
			RATE 110					
1.1	Customer Charge	Contracts	3,263	\$587.37	1,917	\$0.00	\$587.37	1,917
1.2	Demand Charge		50,794	22.9100	11,637	0.0000	22.9100	11,637
1.3	Delivery Charge	first 1,000,000	683,993	0.8489	5,806	(0.0196)	0.8293	5,672
1.4		over 1,000,000	162,273	0.6989	1,134	(0.0196)	0.6793	1,102
1.	Total Distribution Charge		846,266		20,494			20,328
2.1	Gas Supply Load Balancing		846,266	0.2524	2,136	(0.0188)	0.2336	1,977
2.2	Gas Supply Transportation		157,113	4.0925	6,430	0.1661	4.2586	6,691
2.3	Gas Supply Transportation Dawn		620,988	0.8347	5,183	(0.0156)	0.8191	5,087
2.	Total Gas Supply Load Balancing				13,749			13,754
3.1	Gas Supply Commodity - System		75,042	10.3426	7,761	(1.4047)	8.9379	6,707
3.2	Gas Supply Commodity - Buy/Sell		0	10.3231	0	(1.4047)	8.9184	0
3.	Total Gas Supply Charge		75,042		7,761			6,707
4.1	TOTAL DISTRIBUTION		846,266		20,494			20,328
4.2	TOTAL GAS SUPPLY LOAD BALANCIN		846,266		13,749			13,754
4.3	TOTAL GAS SUPPLY COMMODITY		75,042		7,761			6,707
4.	TOTAL RATE 110		846,266		42,004			40,789
5.	REVENUE INC./(DEC.)							(1,215)

Item No.	Col. 1 Rate Block m ³	Col. 2 Contracts & Volumes 10 ³ m ³	EB-2019-0155		Col. 5 Rate Change cents*	Proposed EB-2019-0193		
			Col. 3 Rate cents*	Col. 4 Revenues \$000		Col. 6 Rate cents*	Col. 7 Revenues \$000	
			RATE 115					
6.6	Customer Charge	Contracts	312	\$622.62	194	\$0.00	\$622.62	194
6.2	Demand Charge		17,191	24.3600	4,188	0.0000	24.3600	4,188
6.3	Delivery Charge	first 1,000,000	157,362	0.4239	667	(0.0195)	0.4044	636
6.4		over 1,000,000	309,197	0.3239	1,001	(0.0195)	0.3044	941
6	Total Distribution Charge		466,559		6,050			5,959
7.1	Gas Supply Load Balancing		466,559	0.0950	443	(0.0056)	0.0894	417
7.2	Gas Supply Transportation		0	4.0925	0	0.1661	4.2586	0
7.3	Gas Supply Transportation Dawn		281,305	0.8347	2,348	(0.0156)	0.8191	2,304
7	Total Gas Supply Load Balancing				2,791			2,721
8.1	Gas Supply Commodity - System		0	10.3426	0	(1.4047)	8.9379	0
8.2	Gas Supply Commodity - Buy/Sell		0	10.3231	0	(1.4047)	8.9184	0
8.	Total Gas Supply Charge		0		0			0
9.1	TOTAL DISTRIBUTION		466,559		6,050			5,959
9.2	TOTAL GAS SUPPLY LOAD BALANCIN		466,559		2,791			2,721
9.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
9.	TOTAL RATE 115		466,559		8,842			8,681
10.	REVENUE INC./(DEC.)							(160)

NOTE: * Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	Rate Block m ³	Contracts & Volumes 10 ³ m ³	EB-2019-0155 Rate cents*	EB-2019-0155 Revenues \$000	Rate Change cents*	Proposed EB-2019-0193 Rate cents*	Proposed EB-2019-0193 Revenues \$000	
RATE 125								
1.1	Customer Charge	48	\$ 500.00	24	\$ -	\$ 500.00	24	
1.2	Demand Charge	111,124	9.8840	10,984	-	9.8840	10,984	
1.	Total Distribution Charge	<u>111,124</u>		<u>11,008</u>			<u>11,008</u>	
2.	REVENUE INC./(DEC.)						0	
RATE 135								
DEC to MAR								
1.1	Customer Charge	Contracts 188	\$115.08	22	\$0.00	\$115.08	22	
1.2	Delivery Charge	first 14,000	619	7.1544	44	(0.0190)	7.1354	44
1.3		next 28,000	1,075	5.9544	64	(0.0190)	5.9354	64
1.4		over 42,000	1,739	5.5544	97	(0.0190)	5.5354	96
1.	Total Distribution Charge	<u>3,433</u>		<u>227</u>			<u>226</u>	
2.1	Gas Supply Load Balancing	3,433	0.0000	0	0.0000	0.0000	0	
2.2	Gas Supply Transportation	659	4.0925	27	0.1661	4.2586	28	
2.3	Gas Supply Transportation Dawn	2,775	0.8347	23	(0.0156)	0.8191	23	
2.4	Seasonal Credit			(545)			(545)	
3.1	Gas Supply Commodity - System	120	10.3496	12	(1.4047)	8.9449	11	
3.2	Gas Supply Commodity - Buy/Sell	<u>0</u>	10.3301	<u>0</u>	(1.4047)	8.9254	<u>0</u>	
3.	Total Gas Supply Charge	120		<u>12</u>			<u>11</u>	
4.	SUB-TOTAL WINTER			<u>-256</u>			<u>-258</u>	
APR to NOV								
5.1	Customer Charge	Contracts 376	\$115.08	43	\$0.00	\$115.08	43	
5.2	Delivery Charge	first 14,000	4,928	2.4544	121	(0.0190)	2.4354	120
5.3		next 28,000	9,456	1.7544	166	(0.0190)	1.7354	164
5.4		over 42,000	46,927	1.5544	729	(0.0190)	1.5354	721
5.	Total Distribution Charge	<u>61,311</u>		<u>1,060</u>			<u>1,048</u>	
6.1	Gas Supply Load Balancing	61,311	0.0000	0	0.0000	0.0000	0	
6.2	Gas Supply Transportation	16,195	4.0925	663	0.1661	4.2586	690	
6.3	Gas Supply Transportation Dawn	44,664	0.8347	373	(0.0156)	0.8191	366	
7.1	Gas Supply Commodity - System	3,061	10.3496	317	(1.4047)	8.9449	274	
7.2	Gas Supply Commodity - Buy/Sell	<u>0</u>	10.3301	<u>0</u>	(1.4047)	8.9254	<u>0</u>	
7.	Total Gas Supply Charge	3,061		<u>317</u>			<u>274</u>	
8.	SUB-TOTAL SUMMER			<u>2,412</u>			<u>2,377</u>	
9.1	TOTAL DISTRIBUTION	64,744		1,286			1,274	
9.2	TOTAL GAS SUPPLY LOAD BALANCING	64,744		540			561	
9.3	TOTAL GAS SUPPLY COMMODITY	3,181		329			285	
9.	TOTAL RATE 135	<u>64,744</u>		<u>2,156</u>			<u>2,119</u>	
10.	REVENUE INC./(DEC.)						(36)	

NOTE: * Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

Item No.	Col. 1	Col. 2	Col. 3		Col. 4	Col. 5	Col. 6		Col. 7
			EB-2019-0155	EB-2019-0155			Proposed	Proposed	
	Rate Block	Contracts & Volumes	Rate	Revenues	Rate	Change	Rate	Revenues	
	m ³	10 ³ m ³	cents*	\$000	cents*	cents*	cents*	\$000	
RATE 145									
1.1	Customer Charge	Contracts	395	\$123.34	49	\$0.00	\$123.34	49	
1.2	Demand Charge		8,885	8.2300	731	-	8.2300	731	
1.2	Delivery Charge	first 14,000	4,787	2.9982	144	(0.0203)	2.9779	143	
1.3		next 28,000	8,231	1.6392	135	(0.0203)	1.6189	133	
1.4		over 42,000	32,631	1.0802	352	(0.0203)	1.0599	346	
1.	Total Distribution Charge		45,649		1,411			1,402	
2.1	Gas Supply Load Balancing		45,649	0.5666	259	(0.0400)	0.5266	240	
2.2	Gas Supply Transportation		8,417	4.0925	344	0.1661	4.2586	358	
2.3	Gas Supply Transportation Dawn		37,231	0.8347	311	(0.0156)	0.8191	305	
2.4	Curtaiment Credit				(250)			(250)	
3.1	Gas Supply Commodity - System		7,138	10.3463	739	(1.4048)	8.9415	638	
3.2	Gas Supply Commodity - Buy/Sell		0	10.3268	0	(1.4048)	8.9220	0	
3.	Total Gas Supply Charge		7,138		739			638	
4.1	TOTAL DISTRIBUTION		45,649		1,411			1,402	
4.2	TOTAL GAS SUPPLY LOAD BALANCING		45,649		664			654	
4.3	TOTAL GAS SUPPLY COMMODITY		7,138		739			638	
4.	TOTAL RATE 145		45,649		2,813			2,694	
5.	REVENUE INC./(DEC.)								(119)
RATE 170									
6.6	Customer Charge	Contracts	294	\$279.31	82	\$0.00	\$279.31	82	
6.2	Demand Charge		32,537	4.0900	1,331	0.0000	4.0900	1,331	
6.3	Delivery Charge	first 1,000,000	202,898	0.5471	1,110	(0.0196)	0.5275	1,070	
6.4		over 1,000,000	119,496	0.3471	415	(0.0196)	0.3275	391	
6.	Total Distribution Charge		322,394		2,938			2,874	
7.1	Gas Supply Load Balancing		322,394	0.2464	794	(0.0180)	0.2284	736	
7.2	Gas Supply Transportation		34,768	4.0925	1,423	0.1661	4.2586	1,481	
7.3	Gas Supply Transportation Dawn		201,359	0.8347	1,681	(0.0156)	0.8191	1,649	
7.4	Curtaiment Credit				(3,886)			(3,886)	
8.1	Gas Supply Commodity - System		34,768	10.3426	3,596	(1.4047)	8.9379	3,108	
8.2	Gas Supply Commodity - Buy/Sell		0	10.3231	0	(1.4047)	8.9184	0	
8.	Total Gas Supply Charge		34,768		3,596			3,108	
9.1	TOTAL DISTRIBUTION		322,394		2,938			2,874	
9.2	TOTAL GAS SUPPLY LOAD BALANCING		322,394		12			-20	
9.3	TOTAL GAS SUPPLY COMMODITY		34,768		3,596			3,108	
9.	TOTAL RATE 170		322,394		6,545			5,962	
10.	REVENUE INC./(DEC.)								(583)

NOTE: * Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2019-0155 vs EB-2019-0193

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Rate Block m ³	Contracts & Volumes 10 ³ m ³	EB-2019-0155		Rate Change cents*	Proposed EB-2019-0193	
			Rate cents*	Revenues \$000		Rate cents*	Revenues \$000
RATE 200							
1.1	Customer Charge	Contracts	12	\$0.00	0	\$0.00	0
1.2	Demand Charge		14,917	14.7000	2,193	0.0000	2,193
1.3	Delivery Charge		174,808	1.1834	2,069	(0.0262)	2,023
1.	Total Distribution Charge		174,808		4,262		4,216
2.1	Gas Supply Load Balancing		174,808	1.1451	2,002	(0.0816)	1,859
2.2	Gas Supply Transportation		131,083	4.0925	5,365	0.1661	5,582
2.3	Gas Supply Transportation Dawn		43,725	0.8347	365	(0.0156)	358
2.4	Curtailment Credit				(196)		(196)
3.1	Gas Supply Commodity - System		131,083	10.3426	13,557	(1.4048)	11,716
3.2	Gas Supply Commodity - Buy/Sell		0	10.3231	0	(1.4048)	0
3.	Total Gas Supply Charge		131,083		13,557		11,716
4.1	TOTAL DISTRIBUTION		174,808		4,262		4,216
4.2	TOTAL GAS SUPPLY LOAD BALANCIN		174,808		7,535		7,603
4.3	TOTAL GAS SUPPLY COMMODITY		131,083		13,557		11,716
4.	TOTAL RATE 200		174,808		25,354		23,535
5.	REVENUE INC./(DEC.)						(1,819)
RATE 300							
Firm							
	Customer Charge		12	\$500.00	6	0.0000	\$500.00
	Demand Charge		187	26.6881	50	0.0000	26.6881
Interruptible							
	Minimum Delivery Charge		0	0.3899	0	0.0000	0.3899
	Maximum Delivery Charge		0	1.0529	0	0.0000	1.0529
8.	TOTAL RATE 300		0		56		56
9.	REVENUE INC./(DEC.)						0

NOTE: * Cents unless otherwise noted.

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating & Water Htg.										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	257.13	258.28	(1.15)	-0.4%	387.67	389.33	(1.66)	-0.4%
1.4	LOAD BALANCING	§ \$	167.96	165.74	2.22	1.3%	257.14	253.71	3.43	1.4%
1.5	SALES COMMDTY	\$	274.93	317.97	(43.04)	-13.5%	420.89	486.81	(65.92)	-13.5%
1.6	TOTAL SALES	\$	940.02	981.99	(41.97)	-4.3%	1,305.70	1,369.85	(64.15)	-4.7%
1.7	TOTAL T-SERVICE	\$	665.09	664.02	1.07	0.2%	884.81	883.04	1.77	0.2%
1.8	SALES UNIT RATE	\$/m ³	0.3068	0.3205	(0.0137)	-4.3%	0.2783	0.2920	(0.0137)	-4.7%
1.9	T-SERVICE UNIT RATE	\$/m ³	0.2171	0.2167	0.0003	0.2%	0.1886	0.1882	0.0004	0.2%
1.10	SALES UNIT RATE	\$/GJ	7.962	8.318	(0.3555)	-4.3%	7.224	7.579	(0.3549)	-4.7%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.634	5.625	0.0091	0.2%	4.895	4.886	0.0098	0.2%

Heating Only										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	164.91	165.66	(0.75)	-0.5%	171.61	172.41	(0.80)	-0.5%
2.4	LOAD BALANCING	§ \$	107.16	105.74	1.42	1.3%	109.92	108.45	1.47	1.4%
2.5	SALES COMMDTY	\$	175.42	202.89	(27.47)	-13.5%	179.90	208.05	(28.15)	-13.5%
2.6	TOTAL SALES	\$	687.49	714.29	(26.80)	-3.8%	701.43	728.91	(27.48)	-3.8%
2.7	TOTAL T-SERVICE	\$	512.07	511.40	0.67	0.1%	521.53	520.86	0.67	0.1%
2.8	SALES UNIT RATE	\$/m ³	0.3517	0.3654	(0.0137)	-3.8%	0.3498	0.3635	(0.0137)	-3.8%
2.9	T-SERVICE UNIT RATE	\$/m ³	0.2619	0.2616	0.0003	0.1%	0.2601	0.2598	0.0003	0.1%
2.10	SALES UNIT RATE	\$/GJ	9.127	9.483	(0.3558)	-3.8%	9.080	9.435	(0.3557)	-3.8%
2.11	T-SERVICE UNIT RATE	\$/GJ	6.798	6.789	0.0089	0.1%	6.751	6.742	0.0087	0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating, Pool Htg. & Other Uses										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	CHANGE		
				(A) - (B)	%	(A) - (B)	%			
3.1	VOLUME	m ³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	416.91	418.68	(1.77)	-0.4%	96.87	97.36	(0.49)	-0.5%
3.4	LOAD BALANCING	§ \$	276.72	273.04	3.68	1.3%	59.26	58.47	0.79	1.4%
3.5	SALES COMMDTY	\$	452.96	523.85	(70.89)	-13.5%	96.99	112.18	(15.19)	-13.5%
3.6	TOTAL SALES	\$	1,386.59	1,455.57	(68.98)	-4.7%	493.12	508.01	(14.89)	-2.9%
3.7	TOTAL T-SERVICE	\$	933.63	931.72	1.91	0.2%	396.13	395.83	0.30	0.1%
3.8	SALES UNIT RATE	\$/m ³	0.2747	0.2883	(0.0137)	-4.7%	0.4562	0.4699	(0.0138)	-2.9%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1850	0.1846	0.0004	0.2%	0.3664	0.3662	0.0003	0.1%
3.10	SALES UNIT RATE	\$/GJ	7.129	7.484	(0.3547)	-4.7%	11.839	12.197	(0.3575)	-2.9%
3.11	T-SERVICE UNIT RATE	\$/GJ	4.800	4.790	0.0098	0.2%	9.511	9.504	0.0072	0.1%

Heating & Water Htg.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	CHANGE		
				(A) - (B)	%	(A) - (B)	%			
3.1	VOLUME	m ³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	209.97	210.91	(0.94)	-0.4%	203.22	204.17	(0.95)	-0.5%
3.4	LOAD BALANCING	§ \$	135.94	134.13	1.81	1.3%	131.57	129.81	1.76	1.4%
3.5	SALES COMMDTY	\$	222.51	257.35	(34.84)	-13.5%	215.35	249.05	(33.70)	-13.5%
3.6	TOTAL SALES	\$	808.42	842.39	(33.97)	-4.0%	790.14	823.03	(32.89)	-4.0%
3.7	TOTAL T-SERVICE	\$	585.91	585.04	0.87	0.1%	574.79	573.98	0.81	0.1%
3.8	SALES UNIT RATE	\$/m ³	0.3260	0.3397	(0.0137)	-4.0%	0.3292	0.3429	(0.0137)	-4.0%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.2363	0.2359	0.0004	0.1%	0.2395	0.2392	0.0003	0.1%
3.10	SALES UNIT RATE	\$/GJ	8.460	8.816	(0.3555)	-4.0%	8.545	8.900	(0.3557)	-4.0%
3.11	T-SERVICE UNIT RATE	\$/GJ	6.132	6.123	0.0091	0.1%	6.216	6.207	0.0088	0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Commercial Heating & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,498.71	1,507.61	(8.90)	-0.6%	1,922.93	1,934.34	(11.41)	-0.6%
1.4	LOAD BALANCING	§ \$	1,220.00	1,201.70	18.30	1.5%	1,580.08	1,556.40	23.68	1.5%
1.5	SALES COMMDTY	\$	2,033.19	2,350.74	(317.55)	-13.5%	2,633.25	3,044.54	(411.29)	-13.5%
1.6	TOTAL SALES	\$	5,591.90	5,900.05	(308.15)	-5.2%	6,976.26	7,375.28	(399.02)	-5.4%
1.7	TOTAL T-SERVICE	\$	3,558.71	3,549.31	9.40	0.3%	4,343.01	4,330.74	12.27	0.3%
1.8	SALES UNIT RATE	\$/m ³	0.2474	0.2610	(0.0136)	-5.2%	0.2383	0.2519	(0.0136)	-5.4%
1.9	T-SERVICE UNIT RATE	\$/m ³	0.1574	0.1570	0.0004	0.3%	0.1483	0.1479	0.0004	0.3%
1.10	SALES UNIT RATE	\$/GJ	6.420	6.774	(0.3538)	-5.2%	6.184	6.538	(0.3537)	-5.4%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.086	4.075	0.0108	0.3%	3.850	3.839	0.0109	0.3%
Medium Commercial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,071.05	8,118.88	(47.83)	-0.6%	14,777.55	14,865.08	(87.53)	-0.6%
2.4	LOAD BALANCING	§ \$	9,150.99	9,013.79	137.20	1.5%	18,301.88	18,027.55	274.33	1.5%
2.5	SALES COMMDTY	\$	15,250.50	17,632.35	(2,381.85)	-13.5%	30,500.89	35,264.56	(4,763.67)	-13.5%
2.6	TOTAL SALES	\$	33,312.54	35,605.02	(2,292.48)	-6.4%	64,420.32	68,997.19	(4,576.87)	-6.6%
2.7	TOTAL T-SERVICE	\$	18,062.04	17,972.67	89.37	0.5%	33,919.43	33,732.63	186.80	0.6%
2.8	SALES UNIT RATE	\$/m ³	0.1965	0.2100	(0.0135)	-6.4%	0.1900	0.2035	(0.0135)	-6.6%
2.9	T-SERVICE UNIT RATE	\$/m ³	0.1065	0.1060	0.0005	0.5%	0.1000	0.0995	0.0006	0.6%
2.10	SALES UNIT RATE	\$/GJ	5.099	5.450	(0.3509)	-6.4%	4.930	5.280	(0.3503)	-6.6%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.765	2.751	0.0137	0.5%	2.596	2.582	0.0143	0.6%
Large Commercial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,071.05	8,118.88	(47.83)	-0.6%	14,777.55	14,865.08	(87.53)	-0.6%
2.4	LOAD BALANCING	§ \$	9,150.99	9,013.79	137.20	1.5%	18,301.88	18,027.55	274.33	1.5%
2.5	SALES COMMDTY	\$	15,250.50	17,632.35	(2,381.85)	-13.5%	30,500.89	35,264.56	(4,763.67)	-13.5%
2.6	TOTAL SALES	\$	33,312.54	35,605.02	(2,292.48)	-6.4%	64,420.32	68,997.19	(4,576.87)	-6.6%
2.7	TOTAL T-SERVICE	\$	18,062.04	17,972.67	89.37	0.5%	33,919.43	33,732.63	186.80	0.6%
2.8	SALES UNIT RATE	\$/m ³	0.1965	0.2100	(0.0135)	-6.4%	0.1900	0.2035	(0.0135)	-6.6%
2.9	T-SERVICE UNIT RATE	\$/m ³	0.1065	0.1060	0.0005	0.5%	0.1000	0.0995	0.0006	0.6%
2.10	SALES UNIT RATE	\$/GJ	5.099	5.450	(0.3509)	-6.4%	4.930	5.280	(0.3503)	-6.6%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.765	2.751	0.0137	0.5%	2.596	2.582	0.0143	0.6%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,657.03	2,672.81	(15.78)	-0.6%	3,563.61	3,584.75	(21.14)	-0.6%
3.4	LOAD BALANCING	§ \$	2,335.99	2,301.00	34.99	1.5%	3,448.70	3,397.03	51.67	1.5%
3.5	SALES COMMDTY	\$	3,893.05	4,501.08	(608.03)	-13.5%	5,747.45	6,645.08	(897.63)	-13.5%
3.6	TOTAL SALES	\$	9,726.07	10,314.89	(588.82)	-5.7%	13,599.76	14,466.86	(867.10)	-6.0%
3.7	TOTAL T-SERVICE	\$	5,833.02	5,813.81	19.21	0.3%	7,852.31	7,821.78	30.53	0.4%
3.8	SALES UNIT RATE	\$/m ³	0.2247	0.2383	(0.0136)	-5.7%	0.2128	0.2264	(0.0136)	-6.0%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1348	0.1343	0.0004	0.3%	0.1229	0.1224	0.0005	0.4%
3.10	SALES UNIT RATE	\$/GJ	5.832	6.185	(0.3531)	-5.7%	5.523	5.876	(0.3522)	-6.0%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.497	3.486	0.0115	0.3%	3.189	3.177	0.0124	0.4%
Medium Industrial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,265.17	8,314.13	(48.96)	-0.6%	14,922.01	15,010.35	(88.34)	-0.6%
4.4	LOAD BALANCING	§ \$	9,150.98	9,013.80	137.18	1.5%	18,301.84	18,027.48	274.36	1.5%
4.5	SALES COMMDTY	\$	15,250.49	17,632.33	(2,381.84)	-13.5%	30,500.80	35,264.46	(4,763.66)	-13.5%
4.6	TOTAL SALES	\$	33,506.64	35,800.26	(2,293.62)	-6.4%	64,564.65	69,142.29	(4,577.64)	-6.6%
4.7	TOTAL T-SERVICE	\$	18,256.15	18,167.93	88.22	0.5%	34,063.85	33,877.83	186.02	0.5%
4.8	SALES UNIT RATE	\$/m ³	0.1976	0.2111	(0.0135)	-6.4%	0.1904	0.2039	(0.0135)	-6.6%
4.9	T-SERVICE UNIT RATE	\$/m ³	0.1077	0.1071	0.0005	0.5%	0.1004	0.0999	0.0005	0.5%
4.10	SALES UNIT RATE	\$/GJ	5.129	5.480	(0.3511)	-6.4%	4.941	5.292	(0.3503)	-6.6%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.794	2.781	0.0135	0.5%	2.607	2.593	0.0142	0.5%
Large Industrial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,265.17	8,314.13	(48.96)	-0.6%	14,922.01	15,010.35	(88.34)	-0.6%
4.4	LOAD BALANCING	§ \$	9,150.98	9,013.80	137.18	1.5%	18,301.84	18,027.48	274.36	1.5%
4.5	SALES COMMDTY	\$	15,250.49	17,632.33	(2,381.84)	-13.5%	30,500.80	35,264.46	(4,763.66)	-13.5%
4.6	TOTAL SALES	\$	33,506.64	35,800.26	(2,293.62)	-6.4%	64,564.65	69,142.29	(4,577.64)	-6.6%
4.7	TOTAL T-SERVICE	\$	18,256.15	18,167.93	88.22	0.5%	34,063.85	33,877.83	186.02	0.5%
4.8	SALES UNIT RATE	\$/m ³	0.1976	0.2111	(0.0135)	-6.4%	0.1904	0.2039	(0.0135)	-6.6%
4.9	T-SERVICE UNIT RATE	\$/m ³	0.1077	0.1071	0.0005	0.5%	0.1004	0.0999	0.0005	0.5%
4.10	SALES UNIT RATE	\$/GJ	5.129	5.480	(0.3511)	-6.4%	4.941	5.292	(0.3503)	-6.6%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.794	2.781	0.0135	0.5%	2.607	2.593	0.0142	0.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 100 - Small Commercial Firm										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464.12	1,464.12	0.00	0.0%	1,464.12	1,464.12	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	13,522.20	13,528.67	(6.47)	0.0%	65,845.51	65,856.93	(11.42)	0.0%
1.4	LOAD BALANCING	\$	18,305.28	18,030.88	274.41	1.5%	32,303.47	31,819.21	484.26	1.5%
1.5	SALES COMMDTY	\$	30,506.57	35,271.13	(4,764.56)	-13.5%	53,835.11	62,243.18	(8,408.07)	-13.5%
1.6	TOTAL SALES	\$	63,798.17	68,294.80	(4,496.62)	-6.6%	153,448.21	161,383.44	(7,935.23)	-4.9%
1.7	TOTAL T-SERVICE	\$	33,291.60	33,023.67	267.94	0.8%	99,613.10	99,140.26	472.84	0.5%
1.8	SALES UNIT RATE	\$/m ³	0.1881	0.2013	(0.0133)	-6.6%	0.2564	0.2696	(0.0133)	-4.9%
1.9	T-SERVICE UNIT RATE	\$/m ³	0.0982	0.0974	0.0008	0.8%	0.1664	0.1656	0.0008	0.5%
1.10	SALES UNIT RATE	\$/GJ	4.8817	5.2257	(0.3441)	-6.6%	6.6535	6.9976	(0.3441)	-4.9%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.5474	2.5269	0.0205	0.8%	4.3192	4.2987	0.0205	0.5%

Rate 100 - Large Industrial Firm

		(A)	(B)	CHANGE						
				(A) - (B)	%					
2.1	VOLUME	m ³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,464.12	1,464.12	0.00	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,220.13	132,248.68	(28.55)	0.0%				
2.4	LOAD BALANCING	\$	80,952.00	79,738.50	1,213.50	1.5%				
2.5	SALES COMMDTY	\$	134,909.99	155,980.50	(21,070.51)	-13.5%				
2.6	TOTAL SALES	\$	349,546.24	369,431.80	(19,885.56)	-5.4%				
2.7	TOTAL T-SERVICE	\$	214,636.25	213,451.30	1,184.95	0.6%				
2.8	SALES UNIT RATE	\$/m ³	0.2330	0.2463	(0.0133)	-5.4%				
2.9	T-SERVICE UNIT RATE	\$/m ³	0.1431	0.1423	0.0008	0.6%				
2.10	SALES UNIT RATE	\$/GJ	6.0480	6.3921	(0.3441)	-5.4%				
2.11	T-SERVICE UNIT RATE	\$/GJ	3.7138	3.6932	0.0205	0.6%				

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
		Rate 145 - Small Commercial Interr.				Rate 145 - Average Commercial Interr.				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,480.08	1,480.08	0.00	0.0%	1,480.08	1,480.08	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	10,367.19	10,435.84	(68.65)	-0.7%	15,233.90	15,355.04	(121.14)	-0.8%
3.4	LOAD BALANCING	\$	14,370.34	13,942.62	427.72	3.1%	25,359.85	24,605.04	754.81	3.1%
3.5	SALES COMMDTY	\$	30,328.49	35,093.40	(4,764.91)	-13.6%	53,520.96	61,929.64	(8,408.68)	-13.6%
3.6	TOTAL SALES	\$	56,546.10	60,951.94	(4,405.84)	-7.2%	95,594.79	103,369.80	(7,775.01)	-7.5%
3.7	TOTAL T-SERVICE	\$	26,217.61	25,858.54	359.07	1.4%	42,073.83	41,440.16	633.67	1.5%
3.8	SALES UNIT RATE	\$/m ³	0.1667	0.1797	(0.0130)	-7.2%	0.1597	0.1727	(0.0130)	-7.5%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.0773	0.0762	0.0011	1.4%	0.0703	0.0692	0.0011	1.5%
3.10	SALES UNIT RATE	\$/GJ	4.3268	4.6639	(0.3371)	-7.2%	4.1450	4.4821	(0.3371)	-7.5%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.0061	1.9786	0.0275	1.4%	1.8243	1.7968	0.0275	1.5%

		Rate 145 - Small Industrial Interr.				Rate 145 - Average Industrial Interr.				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,480.08	1,480.08	0.00	0.0%	1,480.08	1,480.08	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	10,640.00	10,708.63	(68.63)	-0.6%	15,475.34	15,596.50	(121.16)	-0.8%
4.4	LOAD BALANCING	\$	14,370.33	13,942.60	427.73	3.1%	25,359.80	24,605.01	754.79	3.1%
4.5	SALES COMMDTY	\$	30,328.49	35,093.40	(4,764.91)	-13.6%	53,520.87	61,929.53	(8,408.66)	-13.6%
4.6	TOTAL SALES	\$	56,818.90	61,224.71	(4,405.81)	-7.2%	95,836.09	103,611.12	(7,775.03)	-7.5%
4.7	TOTAL T-SERVICE	\$	26,490.41	26,131.31	359.10	1.4%	42,315.22	41,681.59	633.63	1.5%
4.8	SALES UNIT RATE	\$/m ³	0.1675	0.1805	(0.0130)	-7.2%	0.1601	0.1731	(0.0130)	-7.5%
4.9	T-SERVICE UNIT RATE	\$/m ³	0.0781	0.0770	0.0011	1.4%	0.0707	0.0696	0.0011	1.5%
4.10	SALES UNIT RATE	\$/GJ	4.3476	4.6848	(0.3371)	-7.2%	4.1554	4.4926	(0.3371)	-7.5%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.0270	1.9995	0.0275	1.4%	1.8348	1.8073	0.0275	1.5%

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
		Rate 110 - Small Ind. Firm - 50% LF				Rate 110 - Average Ind. Firm - 50% LF				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
5.1	VOLUME	m ³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,048.44	7,048.44	0.00	0.0%	7,048.44	7,048.44	0.00	0.0%
5.3	DISTRIBUTION CHG.	\$	14,014.25	14,131.61	(117.36)	-0.8%	229,795.12	231,751.25	(1,956.13)	-0.8%
5.4	LOAD BALANCING	\$	26,888.86	26,007.19	881.67	3.4%	448,147.30	433,452.48	14,694.82	3.4%
5.5	SALES COMMDTY	\$	53,499.41	61,907.51	(8,408.10)	-13.6%	891,655.71	1,031,790.29	(140,134.58)	-13.6%
5.6	TOTAL SALES	\$	101,450.96	109,094.75	(7,643.79)	-7.0%	1,576,646.57	1,704,042.46	(127,395.89)	-7.5%
5.7	TOTAL T-SERVICE	\$	47,951.55	47,187.24	764.31	1.6%	684,990.86	672,252.17	12,738.69	1.9%
5.8	SALES UNIT RATE	\$/m ³	0.1695	0.1823	(0.0128)	-7.0%	0.1580	0.1708	(0.0128)	-7.5%
5.9	T-SERVICE UNIT RATE	\$/m ³	0.0801	0.0788	0.0013	1.6%	0.0687	0.0674	0.0013	1.9%
5.10	SALES UNIT RATE	\$/GJ	4.3989	4.7303	-0.3314	-7.0%	4.1018	4.4332	-0.3314	-7.5%
5.11	T-SERVICE UNIT RATE	\$/GJ	2.0792	2.0460	0.0331	1.6%	1.7821	1.7489	0.0331	1.9%
		Rate 110 - Average Ind. Firm - 75% LF				Rate 115 - Large Ind. Firm - 80% LF				
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
6.1	VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,048.44	7,048.44	0.00	0.0%	7,471.44	7,471.44	0.00	0.0%
6.3	DISTRIBUTION CHG.	\$	182,837.19	184,793.33	(1,956.14)	-1.1%	922,972.39	936,589.41	(13,617.02)	-1.5%
6.4	LOAD BALANCING	\$	448,147.25	433,452.42	14,694.83	3.4%	3,036,332.31	2,924,250.58	112,081.73	3.8%
6.5	SALES COMMDTY	\$	891,655.62	1,031,790.18	(140,134.56)	-13.6%	6,241,590.30	7,222,532.33	(980,942.03)	-13.6%
6.6	TOTAL SALES	\$	1,529,688.50	1,657,084.37	(127,395.87)	-7.7%	10,208,366.44	11,090,843.76	(882,477.32)	-8.0%
6.7	TOTAL T-SERVICE	\$	638,032.88	625,294.19	12,738.69	2.0%	3,966,776.14	3,868,311.43	98,464.71	2.5%
6.8	SALES UNIT RATE	\$/m ³	0.1533	0.1661	(0.0128)	-7.7%	0.1462	0.1588	(0.0126)	-8.0%
6.9	T-SERVICE UNIT RATE	\$/m ³	0.0640	0.0627	0.0013	2.0%	0.0568	0.0554	0.0014	2.5%
6.10	SALES UNIT RATE	\$/GJ	3.9796	4.3111	(0.3314)	-7.7%	3.7940	4.1220	(0.3280)	-8.0%
6.11	T-SERVICE UNIT RATE	\$/GJ	1.6599	1.6268	0.0331	2.0%	1.4743	1.4377	0.0366	2.5%

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 135 - Seasonal Firm										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
7.1	VOLUME	m ³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,380.96	1,380.96	-	0.0%	3,351.72	3,351.72	-	0.0%
7.3	DISTRIBUTION CHG.	\$	10,614.77	10,728.77	(114.00)	-1.1%	77,678.77	79,632.48	(1,953.71)	-2.5%
7.4	LOAD BALANCING	\$	20,447.85	19,453.63	994.22	5.1%	327,368.46	312,593.84	14,774.62	4.7%
7.5	SALES COMMDTY	\$	53,541.23	61,949.30	(8,408.07)	-13.6%	891,655.71	1,031,790.29	(140,134.58)	-13.6%
7.6	TOTAL SALES	\$	85,984.81	93,512.66	(7,527.85)	-8.1%	1,300,054.66	1,427,368.33	(127,313.67)	-8.9%
7.7	TOTAL T-SERVICE	\$	32,443.58	31,563.36	880.22	2.8%	408,398.95	395,578.04	12,820.91	3.2%
7.8	SALES UNIT RATE	\$/m ³	0.1437	0.1562	(0.0126)	-8.1%	0.1303	0.1431	(0.0128)	-8.9%
7.9	T-SERVICE UNIT RATE	\$/m ³	0.0542	0.0527	0.0015	2.8%	0.0409	0.0397	0.0013	3.2%
7.10	SALES UNIT RATE	\$/GJ	3.7283	4.0547	(0.3264)	-8.1%	3.3822	3.7134	(0.3312)	-8.9%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.4068	1.3686	0.0382	2.8%	1.0625	1.0291	0.0334	3.2%

Rate 170 - Average Ind. Interr. - 75% LF										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
8.1	VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,351.72	3,351.72	-	0.0%	3,351.72	3,351.72	-	0.0%
8.3	DISTRIBUTION CHG.	\$	70,493.94	72,447.64	(1,953.70)	-2.7%	377,889.28	391,565.18	(13,675.90)	-3.5%
8.4	LOAD BALANCING	\$	327,368.44	312,593.79	14,774.65	4.7%	2,291,579.32	2,188,156.85	103,422.47	4.7%
8.5	SALES COMMDTY	\$	891,655.62	1,031,790.18	(140,134.56)	-13.6%	6,241,590.30	7,222,532.33	(980,942.03)	-13.6%
8.6	TOTAL SALES	\$	1,292,869.72	1,420,183.33	(127,313.61)	-9.0%	8,914,410.62	9,805,606.08	(891,195.46)	-9.1%
8.7	TOTAL T-SERVICE	\$	401,214.10	388,393.15	12,820.95	3.3%	2,672,820.32	2,583,073.75	89,746.57	3.5%
8.8	SALES UNIT RATE	\$/m ³	0.1296	0.1424	(0.0128)	-9.0%	0.1277	0.1404	(0.0128)	-9.1%
8.9	T-SERVICE UNIT RATE	\$/m ³	0.0402	0.0389	0.0013	3.3%	0.0383	0.0370	0.0013	3.5%
8.10	SALES UNIT RATE	\$/GJ	3.3635	3.6947	(0.3312)	-9.0%	3.3131	3.6443	(0.3312)	-9.1%
8.11	T-SERVICE UNIT RATE	\$/GJ	1.0438	1.0104	0.0334	3.3%	0.9934	0.9600	0.0334	3.5%

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating & Water Htg.										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>						
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	3,064	3,064	0	0.0%				
1.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	257.24	258.39	(1.15)	-0.4%	387.84	389.50	(1.66)	-0.4%
1.4	LOAD BALANCING	§ \$	167.96	165.74	2.22	1.3%	257.14	253.71	3.43	1.4%
1.5	SALES COMMDTY	\$	274.93	317.97	(43.04)	-13.5%	420.89	486.81	(65.92)	-13.5%
1.6	FEDERAL CARBON CHARGE	\$	119.80	119.80	0.00	0.0%	183.42	183.42	0.00	0.0%
1.7	TOTAL SALES	\$	1,071.93	1,113.90	(41.97)	-3.8%	1,501.29	1,565.44	(64.15)	-4.1%
1.8	TOTAL T-SERVICE	\$	797.00	795.93	1.07	0.1%	1,080.40	1,078.63	1.77	0.2%
1.9	SALES UNIT RATE	\$/m ³	0.3498	0.3635	(0.0137)	-3.8%	0.3200	0.3337	(0.0137)	-4.1%
1.10	T-SERVICE UNIT RATE	\$/m ³	0.2601	0.2598	0.0003	0.1%	0.2303	0.2299	0.0004	0.2%
1.11	SALES UNIT RATE	\$/GJ	9.1059	9.4624	(0.3565)	-3.8%	8.3299	8.6859	(0.3559)	-4.1%
1.12	T-SERVICE UNIT RATE	\$/GJ	6.7704	6.7613	0.0091	0.1%	5.9946	5.9848	0.0098	0.2%

Heating Only										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>						
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	164.98	165.73	(0.75)	-0.5%	171.68	172.48	(0.80)	-0.5%
2.4	LOAD BALANCING	§ \$	107.16	105.74	1.42	1.3%	109.92	108.45	1.47	1.4%
2.5	SALES COMMDTY	\$	175.42	202.89	(27.47)	-13.5%	179.90	208.05	(28.15)	-13.5%
2.6	FEDERAL CARBON CHARGE	\$	76.44	76.44	0.00	0.0%	78.40	78.40	0.00	0.0%
2.7	TOTAL SALES	\$	776.00	802.80	(26.80)	-3.3%	791.90	819.38	(27.48)	-3.4%
2.8	TOTAL T-SERVICE	\$	600.58	599.91	0.67	0.1%	612.00	611.33	0.67	0.1%
2.9	SALES UNIT RATE	\$/m ³	0.3969	0.4106	(0.0137)	-3.3%	0.3950	0.4087	(0.0137)	-3.4%
2.10	T-SERVICE UNIT RATE	\$/m ³	0.3072	0.3069	0.0003	0.1%	0.3052	0.3049	0.0003	0.1%
2.11	SALES UNIT RATE	\$/GJ	10.3314	10.6882	(0.3568)	-3.3%	10.2801	10.6368	(0.3567)	-3.4%
2.12	T-SERVICE UNIT RATE	\$/GJ	7.9959	7.9870	0.0089	0.1%	7.9447	7.9360	0.0087	0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating, Pool Htg. & Other Uses										
General & Water Htg.										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	417.09	418.86	(1.77)	-0.4%	96.91	97.40	(0.49)	-0.5%
3.4	LOAD BALANCING	§ \$	276.72	273.04	3.68	1.3%	59.26	58.47	0.79	1.4%
3.5	SALES COMMDTY	\$	452.96	523.85	(70.89)	-13.5%	96.99	112.18	(15.19)	-13.5%
	FEDERAL CARBON CHARGE	\$	197.38	197.38	0.00	0.0%	42.27	42.27	0.00	0.0%
3.6	TOTAL SALES	\$	1,596.15	1,665.13	(68.98)	-4.1%	547.43	562.32	(14.89)	-2.6%
3.7	TOTAL T-SERVICE	\$	1,143.19	1,141.28	1.91	0.2%	450.44	450.14	0.30	0.1%
3.8	SALES UNIT RATE	\$/m ³	0.3162	0.3299	(0.0137)	-4.1%	0.5064	0.5202	(0.0138)	-2.6%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.2265	0.2261	0.0004	0.2%	0.4167	0.4164	0.0003	0.1%
3.10	SALES UNIT RATE	\$/GJ	8.2299	8.5856	(0.3557)	-4.1%	13.1808	13.5393	(0.3585)	-2.6%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.8944	5.8846	0.0098	0.2%	10.8455	10.8383	0.0072	0.1%

Heating & Water Htg.										
Heating & Water Htg.										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
4.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	210.06	211.00	(0.94)	-0.4%	203.31	204.26	(0.95)	-0.5%
4.4	LOAD BALANCING	§ \$	135.94	134.13	1.81	1.3%	131.57	129.81	1.76	1.4%
4.5	SALES COMMDTY	\$	222.51	257.35	(34.84)	-13.5%	215.35	249.05	(33.70)	-13.5%
4.6	FEDERAL CARBON CHARGE	\$	96.97	96.97	0.00	0.0%	93.84	93.84	0.00	0.0%
4.7	TOTAL SALES	\$	917.48	951.45	(33.97)	-3.6%	896.07	928.96	(32.89)	-3.5%
4.8	TOTAL T-SERVICE	\$	694.97	694.10	0.87	0.1%	680.72	679.91	0.81	0.1%
4.9	SALES UNIT RATE	\$/m ³	0.3700	0.3836	(0.0137)	-3.6%	0.3734	0.3871	(0.0137)	-3.5%
4.10	T-SERVICE UNIT RATE	\$/m ³	0.2802	0.2799	0.0004	0.1%	0.2836	0.2833	0.0003	0.1%
4.11	SALES UNIT RATE	\$/GJ	9.6291	9.9856	(0.3565)	-3.6%	9.7179	10.0746	(0.3567)	-3.5%
4.12	T-SERVICE UNIT RATE	\$/GJ	7.2938	7.2847	0.0091	0.1%	7.3824	7.3736	0.0088	0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Commercial Heating & Other Uses										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,499.52	1,508.42	(8.90)	-0.6%	1,923.98	1,935.39	(11.41)	-0.6%
1.4	LOAD BALANCING	\$	1,220.00	1,201.70	18.30	1.5%	1,580.08	1,556.40	23.68	1.5%
1.5	SALES COMMDTY	\$	2,033.19	2,350.74	(317.55)	-13.5%	2,633.25	3,044.54	(411.29)	-13.5%
1.6	FEDERAL CARBON CHARGE	\$	883.89	883.89	0.00	0.0%	1,144.77	1,144.77	0.00	0.0%
1.7	TOTAL SALES	\$	6,488.61	6,796.76	(308.15)	-4.5%	8,134.08	8,533.10	(399.02)	-4.7%
1.8	TOTAL T-SERVICE	\$	4,455.42	4,446.02	9.40	0.2%	5,500.83	5,488.56	12.27	0.2%
1.9	SALES UNIT RATE	\$/m ³	0.2870	0.3007	(0.0136)	-4.5%	0.2778	0.2915	(0.0136)	-4.7%
1.10	T-SERVICE UNIT RATE	\$/m ³	0.1971	0.1967	0.0004	0.2%	0.1879	0.1875	0.0004	0.2%
1.11	SALES UNIT RATE	\$/GJ	7.4709	7.8257	(0.3548)	-4.5%	7.2312	7.5859	(0.3547)	-4.7%
1.12	T-SERVICE UNIT RATE	\$/GJ	5.1299	5.1191	0.0108	0.2%	4.8902	4.8793	0.0109	0.2%
Medium Commercial Customer										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,077.15	8,124.98	(47.83)	-0.6%	14,789.76	14,877.29	(87.53)	-0.6%
2.4	LOAD BALANCING	\$	9,150.99	9,013.79	137.20	1.5%	18,301.88	18,027.55	274.33	1.5%
2.5	SALES COMMDTY	\$	15,250.50	17,632.35	(2,381.85)	-13.5%	30,500.89	35,264.56	(4,763.67)	-13.5%
2.6	FEDERAL CARBON CHARGE	\$	6,629.91	6,629.91	0.00	0.0%	13,259.79	13,259.79	0.00	0.0%
2.7	TOTAL SALES	\$	39,960.56	42,253.04	(2,292.48)	-5.4%	77,704.32	82,281.19	(4,576.87)	-5.6%
2.8	TOTAL T-SERVICE	\$	24,710.06	24,620.69	89.37	0.4%	47,203.43	47,016.63	186.80	0.4%
2.9	SALES UNIT RATE	\$/m ³	0.2357	0.2492	(0.0135)	-5.4%	0.2291	0.2426	(0.0135)	-5.6%
2.10	T-SERVICE UNIT RATE	\$/m ³	0.1457	0.1452	0.0005	0.4%	0.1392	0.1386	0.0006	0.4%
2.11	SALES UNIT RATE	\$/GJ	6.1340	6.4859	(0.3519)	-5.4%	5.9639	6.3151	(0.3513)	-5.6%
2.12	T-SERVICE UNIT RATE	\$/GJ	3.7930	3.7793	0.0137	0.4%	3.6229	3.6086	0.0143	0.4%
Large Commercial Customer										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32**

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use										
Industrial Heating & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,658.59	2,674.37	(15.78)	-0.6%	3,565.91	3,587.05	(21.14)	-0.6%
3.4	LOAD BALANCING	§ \$	2,335.99	2,301.00	34.99	1.5%	3,448.70	3,397.03	51.67	1.5%
3.5	SALES COMMDTY	\$	3,893.05	4,501.08	(608.03)	-13.5%	5,747.45	6,645.08	(897.63)	-13.5%
	FEDERAL CARBON CHARGE	\$	1,692.44	1,692.44	0.00	0.0%	2,498.61	2,498.61	0.00	0.0%
3.6	TOTAL SALES	\$	11,432.07	12,020.89	(588.82)	-4.9%	16,112.67	16,979.77	(867.10)	-5.1%
3.7	TOTAL T-SERVICE	\$	7,539.02	7,519.81	19.21	0.3%	10,365.22	10,334.69	30.53	0.3%
3.8	SALES UNIT RATE	\$/m ³	0.2641	0.2777	(0.0136)	-4.9%	0.2521	0.2657	(0.0136)	-5.1%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1742	0.1737	0.0004	0.3%	0.1622	0.1617	0.0005	0.3%
3.10	SALES UNIT RATE	\$/GJ	6.8743	7.2284	(0.3541)	-4.9%	6.5628	6.9160	(0.3532)	-5.1%
3.11	T-SERVICE UNIT RATE	\$/GJ	4.5334	4.5218	0.0116	0.3%	4.2218	4.2094	0.0124	0.3%
Medium Industrial Customer										
Large Industrial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,271.27	8,320.23	(48.96)	-0.6%	14,934.22	15,022.56	(88.34)	-0.6%
4.4	LOAD BALANCING	§ \$	9,150.98	9,013.80	137.18	1.5%	18,301.84	18,027.48	274.36	1.5%
4.5	SALES COMMDTY	\$	15,250.49	17,632.33	(2,381.84)	-13.5%	30,500.80	35,264.46	(4,763.66)	-13.5%
4.6	FEDERAL CARBON CHARGE	\$	6,629.91	6,629.91	0.00	0.0%	13,259.75	13,259.75	0.00	0.0%
4.7	TOTAL SALES	\$	40,154.66	42,448.28	(2,293.62)	-5.4%	77,848.61	82,426.25	(4,577.64)	-5.6%
4.8	TOTAL T-SERVICE	\$	24,904.17	24,815.95	88.22	0.4%	47,347.81	47,161.79	186.02	0.4%
4.9	SALES UNIT RATE	\$/m ³	0.2368	0.2503	(0.0135)	-5.4%	0.2296	0.2431	(0.0135)	-5.6%
4.10	T-SERVICE UNIT RATE	\$/m ³	0.1469	0.1464	0.0005	0.4%	0.1396	0.1391	0.0005	0.4%
4.11	SALES UNIT RATE	\$/GJ	6.1638	6.5159	(0.3521)	-5.4%	5.9750	6.3263	(0.3513)	-5.6%
4.12	T-SERVICE UNIT RATE	\$/GJ	3.8228	3.8093	0.0135	0.4%	3.6340	3.6197	0.0143	0.4%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 100 - Small Commercial Firm										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,476.12	1,476.12	0.00	0.0%	1,476.12	1,476.12	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	13,534.41	13,540.88	(6.47)	0.0%	65,867.06	65,878.48	(11.42)	0.0%
1.4	LOAD BALANCING	\$	18,305.28	18,030.88	274.41	1.5%	32,303.47	31,819.21	484.26	1.5%
1.5	SALES COMMDTY	\$	30,506.57	35,271.13	(4,764.56)	-13.5%	53,835.11	62,243.18	(8,408.07)	-13.5%
1.6	FEDERAL CARBON CHARGE	\$	13,262.25	13,262.25	0.00	0.0%	23,403.97	23,403.97	0.00	0.0%
1.7	TOTAL SALES	\$	77,084.64	81,581.26	(4,496.62)	-5.5%	176,885.73	184,820.96	(7,935.23)	-4.3%
1.8	TOTAL T-SERVICE	\$	46,578.07	46,310.13	267.94	0.6%	123,050.62	122,577.78	472.84	0.4%
1.9	SALES UNIT RATE	\$/m ³	0.2273	0.2405	(0.0133)	-5.5%	0.2955	0.3088	(0.0133)	-4.3%
1.10	T-SERVICE UNIT RATE	\$/m ³	0.1373	0.1365	0.0008	0.6%	0.2056	0.2048	0.0008	0.4%
1.11	SALES UNIT RATE	\$/GJ	5.9152	6.2603	(0.3451)	-5.5%	7.6917	8.0368	(0.3451)	-4.3%
1.12	T-SERVICE UNIT RATE	\$/GJ	3.5742	3.5537	0.0206	0.6%	5.3507	5.3302	0.0206	0.4%
Rate 100 - Large Industrial Firm										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,476.12	1,476.12	0.00	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,274.13	132,302.68	(28.55)	0.0%				
2.4	LOAD BALANCING	\$	80,952.00	79,738.50	1,213.50	1.5%				
2.5	SALES COMMDTY	\$	134,909.99	155,980.50	(21,070.51)	-13.5%				
2.6	FEDERAL CARBON CHARGE	\$	58,650.00	58,650.00	0.00	0.0%				
2.7	TOTAL SALES	\$	408,262	428,148	(19,886)	-4.6%				
2.8	TOTAL T-SERVICE	\$	273,352	272,167	1,185	0.4%				
2.9	SALES UNIT RATE	\$/m ³	0.2722	0.2854	(0.0133)	-4.6%				
2.10	T-SERVICE UNIT RATE	\$/m ³	0.1822	0.1814	0.0008	0.4%				
2.11	SALES UNIT RATE	\$/GJ	7.0842	7.4293	(0.3451)	-4.6%				
2.12	T-SERVICE UNIT RATE	\$/GJ	4.7432	4.7227	0.0206	0.4%				

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 145 - Small Commercial Interr.									
		(A)	(B)	CHANGE					
				(A) - (B)	%				
3.1	VOLUME	m ³	339,188	339,188	0	0.0%			
3.2	CUSTOMER CHG.	\$	1,492.08	1,492.08	0.00	0.0%			
3.3	DISTRIBUTION CHG.	\$	10,379.40	10,448.05	(68.65)	-0.7%			
3.4	LOAD BALANCING	\$	14,370.34	13,942.62	427.72	3.1%			
3.5	SALES COMMDTY	\$	30,328.49	35,093.40	(4,764.91)	-13.6%			
	FEDERAL CARBON CHARGE	\$	13,262.25	13,262.25	0.00	0.0%			
3.6	TOTAL SALES	\$	69,832.56	74,238.40	(4,405.84)	-5.9%			
3.7	TOTAL T-SERVICE	\$	39,504.07	39,145.00	359.07	0.9%			
3.8	SALES UNIT RATE	\$/m ³	0.2059	0.2189	(0.0130)	-5.9%			
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1165	0.1154	0.0011	0.9%			
3.10	SALES UNIT RATE	\$/GJ	5.3587	5.6968	(0.3381)	-5.9%			
3.11	T-SERVICE UNIT RATE	\$/GJ	3.0314	3.0039	0.0276	0.9%			

Rate 145 - Small Industrial Interr.									
		(A)	(B)	CHANGE					
				(A) - (B)	%				
4.1	VOLUME	m ³	339,188	339,188	0	0.0%			
4.2	CUSTOMER CHG.	\$	1,492.08	1,492.08	0.00	0.0%			
4.3	DISTRIBUTION CHG.	\$	10,652.21	10,720.84	(68.63)	-0.6%			
4.4	LOAD BALANCING	\$	14,370.33	13,942.60	427.73	3.1%			
4.5	SALES COMMDTY	\$	30,328.49	35,093.40	(4,764.91)	-13.6%			
4.6	FEDERAL CARBON CHARGE	\$	13,262.25	13,262.25	0.00	0.0%			
4.7	TOTAL SALES	\$	70,105	74,511	(4,406)	-5.9%			
4.8	TOTAL T-SERVICE	\$	39,777	39,418	359	0.9%			
4.9	SALES UNIT RATE	\$/m ³	0.2067	0.2197	(0.0130)	-5.9%			
4.10	T-SERVICE UNIT RATE	\$/m ³	0.1173	0.1162	0.0011	0.9%			
4.11	SALES UNIT RATE	\$/GJ	5.3796	5.7177	(0.3381)	-5.9%			
4.12	T-SERVICE UNIT RATE	\$/GJ	3.0523	3.0248	0.0276	0.9%			

Rate 145 - Average Commercial Interr.

(A) (B) CHANGE

(A) - (B) %

598,568 598,568 0 0.0%

1,492.08 1,492.08 0.00 0.0%

15,255.45 15,376.59 (121.14) -0.8%

25,359.85 24,605.04 754.81 3.1%

53,520.96 61,929.64 (8,408.68) -13.6%

23,404.01 23,404.01 0.00 0.0%

119,032.34 126,807.35 (7,775.01) -6.1%

65,511.38 64,877.71 633.67 1.0%

0.1989 0.2119 (0.0130) -6.1%

0.1094 0.1084 0.0011 1.0%

5.1760 5.5141 (0.3381) -6.1%

2.8487 2.8211 0.0276 1.0%

Rate 145 - Average Industrial Interr.

(A) (B) CHANGE

(A) - (B) %

598,567 598,567 0 0.0%

1,492.08 1,492.08 0.00 0.0%

15,496.89 15,618.05 (121.16) -0.8%

25,359.80 24,605.01 754.79 3.1%

53,520.87 61,929.53 (8,408.66) -13.6%

23,403.97 23,403.97 0.00 0.0%

119,274 127,049 (7,775) -6.1%

65,753 65,119 634 1.0%

0.1993 0.2123 (0.0130) -6.1%

0.1099 0.1088 0.0011 1.0%

5.1865 5.5246 (0.3381) -6.1%

2.8592 2.8316 0.0276 1.0%

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 110 - Small Ind. Firm - 50% LF										
Rate 110 - Average Ind. Firm - 50% LF										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
5.1	VOLUME	m ³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,060.44	7,060.44	0.00	0.0%	7,060.44	7,060.44	0.00	0.0%
5.3	DISTRIBUTION CHG.	\$	14,035.80	14,153.16	(117.36)	-0.8%	230,154.26	232,110.39	(1,956.13)	-0.8%
5.4	LOAD BALANCING	\$	26,888.86	26,007.19	881.67	3.4%	448,147.30	433,452.48	14,694.82	3.4%
5.5	SALES COMMDTY	\$	53,499.41	61,907.51	(8,408.10)	-13.6%	891,655.71	1,031,790.29	(140,134.58)	-13.6%
5.6	FEDERAL CARBON CHARGE	\$	23,404.01	23,404.01	0.00	0.0%	390,066.33	390,066.33	0.00	0.0%
5.7	TOTAL SALES	\$	124,888.52	132,532.31	(7,643.79)	-5.8%	1,967,084.04	2,094,479.93	(127,395.89)	-6.1%
5.8	TOTAL T-SERVICE	\$	71,389.11	70,624.80	764.31	1.1%	1,075,428.33	1,062,689.64	12,738.69	1.2%
5.9	SALES UNIT RATE	\$/m ³	0.2086	0.2214	(0.0128)	-5.8%	0.1972	0.2099	(0.0128)	-6.1%
5.10	T-SERVICE UNIT RATE	\$/m ³	0.1193	0.1180	0.0013	1.1%	0.1078	0.1065	0.0013	1.2%
5.11	SALES UNIT RATE	\$/GJ	5.4306	5.7630	(0.3324)	-5.8%	5.1322	5.4646	(0.3324)	-6.1%
5.12	T-SERVICE UNIT RATE	\$/GJ	3.1043	3.0710	0.0332	1.1%	2.8058	2.7726	0.0332	1.2%
Rate 110 - Average Ind. Firm - 75% LF										
Rate 115 - Large Ind. Firm - 80% LF										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
6.1	VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,060.44	7,060.44	0.00	0.0%	7,483.44	7,483.44	0.00	0.0%
6.3	DISTRIBUTION CHG.	\$	183,196.33	185,152.47	(1,956.14)	-1.1%	925,486.37	939,103.39	(13,617.02)	-1.5%
6.4	LOAD BALANCING	\$	448,147.25	433,452.42	14,694.83	3.4%	3,036,332.31	2,924,250.58	112,081.73	3.8%
6.5	SALES COMMDTY	\$	891,655.62	1,031,790.18	(140,134.56)	-13.6%	6,241,590.30	7,222,532.33	(980,942.03)	-13.6%
6.6	FEDERAL CARBON CHARGE	\$	390,066.29	390,066.29	0.00	0.0%	2,730,464.44	2,730,464.44	0.00	0.0%
6.7	TOTAL SALES	\$	1,920,126	2,047,522	(127,396)	-6.2%	12,941,357	13,823,834	(882,477)	-6.4%
6.8	TOTAL T-SERVICE	\$	1,028,470	1,015,732	12,739	1.3%	6,699,767	6,601,302	98,465	1.5%
6.9	SALES UNIT RATE	\$/m ³	0.1925	0.2052	(0.0128)	-6.2%	0.1853	0.1980	(0.0126)	-6.4%
6.10	T-SERVICE UNIT RATE	\$/m ³	0.1031	0.1018	0.0013	1.3%	0.0959	0.0945	0.0014	1.5%
6.11	SALES UNIT RATE	\$/GJ	5.0097	5.3421	(0.3324)	-6.2%	4.8235	5.1524	(0.3289)	-6.4%
6.12	T-SERVICE UNIT RATE	\$/GJ	2.6833	2.6501	0.0332	1.3%	2.4971	2.4604	0.0367	1.5%

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 135 - Seasonal Firm										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
7.1	VOLUME	m ³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,392.96	1,392.96	0.00	0.0%	3,363.72	3,363.72	0.00	0.0%
7.3	DISTRIBUTION CHG.	\$	10,636.32	10,750.32	(114.00)	-1.1%	78,037.91	79,991.62	(1,953.71)	-2.4%
7.4	LOAD BALANCING	\$	20,447.85	19,453.63	994.22	5.1%	327,368.46	312,593.84	14,774.62	4.7%
7.5	SALES COMMDTY	\$	53,541.23	61,949.30	(8,408.07)	-13.6%	891,655.71	1,031,790.29	(140,134.58)	-13.6%
7.6	FEDERAL CARBON CHARGE	\$	23,403.97	23,403.97	0.00	0.0%	390,066.33	390,066.33	0.00	0.0%
7.7	TOTAL SALES	\$	109,422.33	116,950.18	(7,527.85)	-6.4%	1,690,492.13	1,817,805.80	(127,313.67)	-7.0%
7.8	TOTAL T-SERVICE	\$	55,881.10	55,000.88	880.22	1.6%	798,836.42	786,015.51	12,820.91	1.6%
7.9	SALES UNIT RATE	\$/m ³	0.1828	0.1954	(0.0126)	-6.4%	0.1695	0.1822	(0.0128)	-7.0%
7.10	T-SERVICE UNIT RATE	\$/m ³	0.0934	0.0919	0.0015	1.6%	0.0801	0.0788	0.0013	1.6%
7.11	SALES UNIT RATE	\$/GJ	4.7581	5.0855	(0.3273)	-6.4%	4.4106	4.7427	(0.3322)	-7.0%
7.12	T-SERVICE UNIT RATE	\$/GJ	2.4299	2.3917	0.0383	1.6%	2.0842	2.0507	0.0335	1.6%
Rate 170 - Average Ind. Interr. - 75% LF										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
8.1	VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,363.72	3,363.72	0.00	0.0%	3,363.72	3,363.72	0.00	0.0%
8.3	DISTRIBUTION CHG.	\$	70,853.08	72,806.78	(1,953.70)	-2.7%	380,403.26	394,079.16	(13,675.90)	-3.5%
8.4	LOAD BALANCING	\$	327,368.44	312,593.79	14,774.65	4.7%	2,291,579.32	2,188,156.85	103,422.47	4.7%
8.5	SALES COMMDTY	\$	891,655.62	1,031,790.18	(140,134.56)	-13.6%	6,241,590.30	7,222,532.33	(980,942.03)	-13.6%
8.6	FEDERAL CARBON CHARGE	\$	390,066.29	390,066.29	0.00	0.0%	2,730,464.44	2,730,464.44	0.00	0.0%
8.7	TOTAL SALES	\$	1,683,307	1,810,621	(127,314)	-7.0%	11,647,401	12,538,597	(891,195)	-7.1%
8.8	TOTAL T-SERVICE	\$	791,652	778,831	12,821	1.6%	5,405,811	5,316,064	89,747	1.7%
8.9	SALES UNIT RATE	\$/m ³	0.1687	0.1815	(0.0128)	-7.0%	0.1668	0.1796	(0.0128)	-7.1%
8.1	T-SERVICE UNIT RATE	\$/m ³	0.0794	0.0781	0.0013	1.6%	0.0774	0.0761	0.0013	1.7%
8.11	SALES UNIT RATE	\$/GJ	4.3918	4.7240	(0.3322)	-7.0%	4.3412	4.6734	(0.3322)	-7.1%
8.12	T-SERVICE UNIT RATE	\$/GJ	2.0655	2.0320	0.0335	1.6%	2.0149	1.9814	0.0335	1.7%
Rate 170 - Large Ind. Interr. - 75% LF										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating & Water Htg.										
Heating, Water Htg. & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	257.24	258.39	(1.15)	-0.4%	387.84	389.50	(1.66)	-0.4%
1.4	LOAD BALANCING	§ \$	167.96	165.74	2.22	1.3%	257.14	253.71	3.43	1.4%
1.5	SALES COMMDTY	\$	274.93	317.97	(43.04)	-13.5%	420.89	486.81	(65.92)	-13.5%
1.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1.7	TOTAL SALES	\$	952.13	994.10	(41.97)	-4.2%	1,317.87	1,382.02	(64.15)	-4.6%
1.8	TOTAL T-SERVICE	\$	677.20	676.13	1.07	0.2%	896.98	895.21	1.77	0.2%
1.9	SALES UNIT RATE	\$/m ³	0.3107	0.3244	(0.0137)	-4.2%	0.2809	0.2946	(0.0137)	-4.6%
1.10	T-SERVICE UNIT RATE	\$/m ³	0.2210	0.2207	0.0003	0.2%	0.1912	0.1908	0.0004	0.2%
1.11	SALES UNIT RATE	\$/GJ	8.0882	8.4447	(0.3565)	-4.2%	7.3122	7.6682	(0.3559)	-4.6%
1.12	T-SERVICE UNIT RATE	\$/GJ	5.7527	5.7436	0.0091	0.2%	4.9769	4.9671	0.0098	0.2%

Heating Only										
Heating & Water Htg.										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	164.98	165.73	(0.75)	-0.5%	171.68	172.41	(0.73)	-0.4%
2.4	LOAD BALANCING	§ \$	107.16	105.74	1.42	1.3%	109.92	108.45	1.47	1.4%
2.5	SALES COMMDTY	\$	175.42	202.89	(27.47)	-13.5%	179.90	208.05	(28.15)	-13.5%
2.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
2.7	TOTAL SALES	\$	699.56	726.36	(26.80)	-3.7%	713.50	740.91	(27.41)	-3.7%
2.8	TOTAL T-SERVICE	\$	524.14	523.47	0.67	0.1%	533.60	532.86	0.74	0.1%
2.9	SALES UNIT RATE	\$/m ³	0.3578	0.3715	(0.0137)	-3.7%	0.3559	0.3695	(0.0137)	-3.7%
2.10	T-SERVICE UNIT RATE	\$/m ³	0.2681	0.2678	0.0003	0.1%	0.2661	0.2658	0.0004	0.1%
2.11	SALES UNIT RATE	\$/GJ	9.3137	9.6705	(0.3568)	-3.7%	9.2624	9.6182	(0.3558)	-3.7%
2.12	T-SERVICE UNIT RATE	\$/GJ	6.9782	6.9693	0.0089	0.1%	6.9270	6.9174	0.0096	0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Heating, Pool Htg. & Other Uses										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	417.09	418.86	(1.77)	-0.4%	96.91	97.40	(0.49)	-0.5%
3.4	LOAD BALANCING	§ \$	276.72	273.04	3.68	1.3%	59.26	58.47	0.79	1.4%
3.5	SALES COMMDTY	\$	452.96	523.85	(70.89)	-13.5%	96.99	112.18	(15.19)	-13.5%
	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
3.6	TOTAL SALES	\$	1,398.77	1,467.75	(68.98)	-4.7%	505.16	520.05	(14.89)	-2.9%
3.7	TOTAL T-SERVICE	\$	945.81	943.90	1.91	0.2%	408.17	407.87	0.30	0.1%
3.8	SALES UNIT RATE	\$/m ³	0.2771	0.2908	(0.0137)	-4.7%	0.4673	0.4811	(0.0138)	-2.9%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1874	0.1870	0.0004	0.2%	0.3776	0.3773	0.0003	0.1%
3.10	SALES UNIT RATE	\$/GJ	7.2122	7.5679	(0.3557)	-4.7%	12.1631	12.5216	(0.3585)	-2.9%
3.11	T-SERVICE UNIT RATE	\$/GJ	4.8767	4.8669	0.0098	0.2%	9.8278	9.8206	0.0072	0.1%

Heating & Water Htg.										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
4.2	CUSTOMER CHG.	\$	252.00	252.00	0.00	0.0%	252.00	252.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	210.06	211.00	(0.94)	-0.4%	203.31	204.26	(0.95)	-0.5%
4.4	LOAD BALANCING	§ \$	135.94	134.13	1.81	1.3%	131.57	129.81	1.76	1.4%
4.5	SALES COMMDTY	\$	222.51	257.35	(34.84)	-13.5%	215.35	249.05	(33.70)	-13.5%
4.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4.7	TOTAL SALES	\$	820.51	854.48	(33.97)	-4.0%	802.23	835.12	(32.89)	-3.9%
4.8	TOTAL T-SERVICE	\$	598.00	597.13	0.87	0.1%	586.88	586.07	0.81	0.1%
4.9	SALES UNIT RATE	\$/m ³	0.3309	0.3445	(0.0137)	-4.0%	0.3343	0.3480	(0.0137)	-3.9%
4.10	T-SERVICE UNIT RATE	\$/m ³	0.2411	0.2408	0.0004	0.1%	0.2445	0.2442	0.0003	0.1%
4.11	SALES UNIT RATE	\$/GJ	8.6114	8.9679	(0.3565)	-4.0%	8.7002	9.0569	(0.3567)	-3.9%
4.12	T-SERVICE UNIT RATE	\$/GJ	6.2761	6.2670	0.0091	0.1%	6.3647	6.3559	0.0088	0.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Commercial Heating & Other Uses										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>						
				(A) - (B)	%	<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,499.52	1,508.42	(8.90)	-0.6%	1,923.98	1,935.39	(11.41)	-0.6%
1.4	LOAD BALANCING	§ \$	1,220.00	1,201.70	18.30	1.5%	1,580.08	1,556.40	23.68	1.5%
1.5	SALES COMMDTY	\$	2,033.19	2,350.74	(317.55)	-13.5%	2,633.25	3,044.54	(411.29)	-13.5%
1.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1.7	TOTAL SALES	\$	5,604.71	5,912.86	(308.15)	-5.2%	6,989.31	7,388.33	(399.02)	-5.4%
1.8	TOTAL T-SERVICE	\$	3,571.52	3,562.12	9.40	0.3%	4,356.06	4,343.79	12.27	0.3%
1.9	SALES UNIT RATE	\$/m ³	0.2479	0.2616	(0.0136)	-5.2%	0.2387	0.2524	(0.0136)	-5.4%
1.10	T-SERVICE UNIT RATE	\$/m ³	0.1580	0.1576	0.0004	0.3%	0.1488	0.1484	0.0004	0.3%
1.11	SALES UNIT RATE	\$/GJ	6.4532	6.8080	(0.3548)	-5.2%	6.2135	6.5682	(0.3547)	-5.4%
1.12	T-SERVICE UNIT RATE	\$/GJ	4.1122	4.1014	0.0108	0.3%	3.8725	3.8616	0.0109	0.3%
Medium Commercial Customer										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>						
				(A) - (B)	%	<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,077.15	8,124.98	(47.83)	-0.6%	14,789.76	14,877.29	(87.53)	-0.6%
2.4	LOAD BALANCING	§ \$	9,150.99	9,013.79	137.20	1.5%	18,301.88	18,027.55	274.33	1.5%
2.5	SALES COMMDTY	\$	15,250.50	17,632.35	(2,381.85)	-13.5%	30,500.89	35,264.56	(4,763.67)	-13.5%
2.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
2.7	TOTAL SALES	\$	33,330.64	35,623.12	(2,292.48)	-6.4%	64,444.53	69,021.40	(4,576.87)	-6.6%
2.8	TOTAL T-SERVICE	\$	18,080.14	17,990.77	89.37	0.5%	33,943.64	33,756.84	186.80	0.6%
2.9	SALES UNIT RATE	\$/m ³	0.1966	0.2101	(0.0135)	-6.4%	0.1900	0.2035	(0.0135)	-6.6%
2.10	T-SERVICE UNIT RATE	\$/m ³	0.1066	0.1061	0.0005	0.5%	0.1001	0.0995	0.0006	0.6%
2.11	SALES UNIT RATE	\$/GJ	5.1163	5.4682	(0.3519)	-6.4%	4.9462	5.2974	(0.3513)	-6.6%
2.12	T-SERVICE UNIT RATE	\$/GJ	2.7753	2.7616	0.0137	0.5%	2.6052	2.5909	0.0143	0.6%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use										
Industrial Heating & Other Uses										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,658.59	2,674.37	(15.78)	-0.6%	3,565.91	3,587.05	(21.14)	-0.6%
3.4	LOAD BALANCING	§ \$	2,335.99	2,301.00	34.99	1.5%	3,448.70	3,397.03	51.67	1.5%
3.5	SALES COMMDTY	\$	3,893.05	4,501.08	(608.03)	-13.5%	5,747.45	6,645.08	(897.63)	-13.5%
	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
3.6	TOTAL SALES	\$	9,739.63	10,328.45	(588.82)	-5.7%	13,614.06	14,481.16	(867.10)	-6.0%
3.7	TOTAL T-SERVICE	\$	5,846.58	5,827.37	19.21	0.3%	7,866.61	7,836.08	30.53	0.4%
3.8	SALES UNIT RATE	\$/m ³	0.2250	0.2386	(0.0136)	-5.7%	0.2130	0.2266	(0.0136)	-6.0%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.1351	0.1346	0.0004	0.3%	0.1231	0.1226	0.0005	0.4%
3.10	SALES UNIT RATE	\$/GJ	5.8566	6.2107	(0.3541)	-5.7%	5.5451	5.8983	(0.3532)	-6.0%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.5157	3.5041	0.0116	0.3%	3.2041	3.1917	0.0124	0.4%
Medium Industrial Customer										
Large Industrial Customer										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	852.00	852.00	0.00	0.0%	852.00	852.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,271.27	8,320.23	(48.96)	-0.6%	14,934.22	15,022.56	(88.34)	-0.6%
4.4	LOAD BALANCING	§ \$	9,150.98	9,013.80	137.18	1.5%	18,301.84	18,027.48	274.36	1.5%
4.5	SALES COMMDTY	\$	15,250.49	17,632.33	(2,381.84)	-13.5%	30,500.80	35,264.46	(4,763.66)	-13.5%
4.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4.7	TOTAL SALES	\$	33,524.74	35,818.36	(2,293.62)	-6.4%	64,588.86	69,166.50	(4,577.64)	-6.6%
4.8	TOTAL T-SERVICE	\$	18,274.25	18,186.03	88.22	0.5%	34,088.06	33,902.04	186.02	0.5%
4.9	SALES UNIT RATE	\$/m ³	0.1977	0.2112	(0.0135)	-6.4%	0.1905	0.2040	(0.0135)	-6.6%
4.10	T-SERVICE UNIT RATE	\$/m ³	0.1078	0.1073	0.0005	0.5%	0.1005	0.1000	0.0005	0.5%
4.11	SALES UNIT RATE	\$/GJ	5.1461	5.4982	(0.3521)	-6.4%	4.9573	5.3086	(0.3513)	-6.6%
4.12	T-SERVICE UNIT RATE	\$/GJ	2.8051	2.7916	0.0135	0.5%	2.6163	2.6020	0.0143	0.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 100 - Small Commercial Firm										
		(A)	(B)	CHANGE						
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,476.12	1,476.12	0.00	0.0%	1,476.12	1,476.12	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	13,534.41	13,540.88	(6.47)	0.0%	65,867.06	65,878.48	(11.42)	0.0%
1.4	LOAD BALANCING	\$	18,305.28	18,030.88	274.41	1.5%	32,303.47	31,819.21	484.26	1.5%
1.5	SALES COMMDTY	\$	30,506.57	35,271.13	(4,764.56)	-13.5%	53,835.11	62,243.18	(8,408.07)	-13.5%
1.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1.7	TOTAL SALES	\$	63,822.39	68,319.01	(4,496.62)	-6.6%	153,481.76	161,416.99	(7,935.23)	-4.9%
1.8	TOTAL T-SERVICE	\$	33,315.82	33,047.88	267.94	0.8%	99,646.65	99,173.81	472.84	0.5%
1.9	SALES UNIT RATE	\$/m ³	0.1882	0.2014	(0.0133)	-6.6%	0.2564	0.2697	(0.0133)	-4.9%
1.10	T-SERVICE UNIT RATE	\$/m ³	0.0982	0.0974	0.0008	0.8%	0.1665	0.1657	0.0008	0.5%
1.11	SALES UNIT RATE	\$/GJ	4.8975	5.2426	(0.3451)	-6.6%	6.6740	7.0191	(0.3451)	-4.9%
1.12	T-SERVICE UNIT RATE	\$/GJ	2.5565	2.5360	0.0206	0.8%	4.3330	4.3125	0.0206	0.5%
Rate 100 - Large Industrial Firm										
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m ³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,476.12	1,476.12	0.00	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,274.13	132,302.68	(28.55)	0.0%				
2.4	LOAD BALANCING	\$	80,952.00	79,738.50	1,213.50	1.5%				
2.5	SALES COMMDTY	\$	134,909.99	155,980.50	(21,070.51)	-13.5%				
2.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%				
2.7	TOTAL SALES	\$	349,612	369,498	(19,886)	-5.4%				
2.8	TOTAL T-SERVICE	\$	214,702	213,517	1,185	0.6%				
2.9	SALES UNIT RATE	\$/m ³	0.2331	0.2463	(0.0133)	-5.4%				
2.10	T-SERVICE UNIT RATE	\$/m ³	0.1431	0.1423	0.0008	0.6%				
2.11	SALES UNIT RATE	\$/GJ	6.0665	6.4116	(0.3451)	-5.4%				
2.12	T-SERVICE UNIT RATE	\$/GJ	3.7255	3.7050	0.0206	0.6%				

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 145 - Small Commercial Interr.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,492.08	1,492.08	0.00	0.0%	1,492.08	1,492.08	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	10,379.40	10,448.05	(68.65)	-0.7%	15,255.45	15,376.59	(121.14)	-0.8%
3.4	LOAD BALANCING	\$	14,370.34	13,942.62	427.72	3.1%	25,359.85	24,605.04	754.81	3.1%
3.5	SALES COMMDTY	\$	30,328.49	35,093.40	(4,764.91)	-13.6%	53,520.96	61,929.64	(8,408.68)	-13.6%
	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
3.6	TOTAL SALES	\$	56,570.31	60,976.15	(4,405.84)	-7.2%	95,628.33	103,403.34	(7,775.01)	-7.5%
3.7	TOTAL T-SERVICE	\$	26,241.82	25,882.75	359.07	1.4%	42,107.37	41,473.70	633.67	1.5%
3.8	SALES UNIT RATE	\$/m ³	0.1668	0.1798	(0.0130)	-7.2%	0.1598	0.1728	(0.0130)	-7.5%
3.9	T-SERVICE UNIT RATE	\$/m ³	0.0774	0.0763	0.0011	1.4%	0.0703	0.0693	0.0011	1.5%
3.10	SALES UNIT RATE	\$/GJ	4.3410	4.6791	(0.3381)	-7.2%	4.1583	4.4964	(0.3381)	-7.5%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.0137	1.9862	0.0276	1.4%	1.8310	1.8034	0.0276	1.5%
Rate 145 - Small Industrial Interr.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m ³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,492.08	1,492.08	0.00	0.0%	1,492.08	1,492.08	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	10,652.21	10,720.84	(68.63)	-0.6%	15,496.89	15,618.05	(121.16)	-0.8%
4.4	LOAD BALANCING	\$	14,370.33	13,942.60	427.73	3.1%	25,359.80	24,605.01	754.79	3.1%
4.5	SALES COMMDTY	\$	30,328.49	35,093.40	(4,764.91)	-13.6%	53,520.87	61,929.53	(8,408.66)	-13.6%
4.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4.7	TOTAL SALES	\$	56,843	61,249	(4,406)	-7.2%	95,870	103,645	(7,775)	-7.5%
4.8	TOTAL T-SERVICE	\$	26,515	26,156	359	1.4%	42,349	41,715	634	1.5%
4.9	SALES UNIT RATE	\$/m ³	0.1676	0.1806	(0.0130)	-7.2%	0.1602	0.1732	(0.0130)	-7.5%
4.10	T-SERVICE UNIT RATE	\$/m ³	0.0782	0.0771	0.0011	1.4%	0.0708	0.0697	0.0011	1.5%
4.11	SALES UNIT RATE	\$/GJ	4.3619	4.7000	(0.3381)	-7.2%	4.1688	4.5069	(0.3381)	-7.5%
4.12	T-SERVICE UNIT RATE	\$/GJ	2.0346	2.0071	0.0276	1.4%	1.8415	1.8139	0.0276	1.5%
Rate 145 - Average Industrial Interr.										
		(A)	(B)	CHANGE						
				(A) - (B)	%	(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 110 - Small Ind. Firm - 50% LF				Rate 110 - Average Ind. Firm - 50% LF					
	(A)	(B)	CHANGE		(A)	(B)	CHANGE		
			(A) - (B)	%			(A) - (B)	%	
5.1 VOLUME	m ³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2 CUSTOMER CHG.	\$	7,060.44	7,060.44	0.00	0.0%	7,060.44	7,060.44	0.00	0.0%
5.3 DISTRIBUTION CHG.	\$	14,035.80	14,153.16	(117.36)	-0.8%	230,154.26	232,110.39	(1,956.13)	-0.8%
5.4 LOAD BALANCING	\$	26,888.86	26,007.19	881.67	3.4%	448,147.30	433,452.48	14,694.82	3.4%
5.5 SALES COMMDTY	\$	53,499.41	61,907.51	(8,408.10)	-13.6%	891,655.71	1,031,790.29	(140,134.58)	-13.6%
5.6 FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
5.7 TOTAL SALES	\$	101,484.51	109,128.30	(7,643.79)	-7.0%	1,577,017.71	1,704,413.60	(127,395.89)	-7.5%
5.8 TOTAL T-SERVICE	\$	47,985.10	47,220.79	764.31	1.6%	685,362.00	672,623.31	12,738.69	1.9%
5.9 SALES UNIT RATE	\$/m ³	0.1695	0.1823	(0.0128)	-7.0%	0.1581	0.1708	(0.0128)	-7.5%
5.10 T-SERVICE UNIT RATE	\$/m ³	0.0802	0.0789	0.0013	1.6%	0.0687	0.0674	0.0013	1.9%
5.11 SALES UNIT RATE	\$/GJ	4.4129	4.7453	(0.3324)	-7.0%	4.1145	4.4469	(0.3324)	-7.5%
5.12 T-SERVICE UNIT RATE	\$/GJ	2.0866	2.0533	0.0332	1.6%	1.7881	1.7549	0.0332	1.9%
Rate 110 - Average Ind. Firm - 75% LF				Rate 115 - Large Ind. Firm - 80% LF					
	(A)	(B)	CHANGE		(A)	(B)	CHANGE		
			(A) - (B)	%			(A) - (B)	%	
6.1 VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2 CUSTOMER CHG.	\$	7,060.44	7,060.44	0.00	0.0%	7,483.44	7,483.44	0.00	0.0%
6.3 DISTRIBUTION CHG.	\$	183,196.33	185,152.47	(1,956.14)	-1.1%	925,486.37	939,103.39	(13,617.02)	-1.5%
6.4 LOAD BALANCING	\$	448,147.25	433,452.42	14,694.83	3.4%	3,036,332.31	2,924,250.58	112,081.73	3.8%
6.5 SALES COMMDTY	\$	891,655.62	1,031,790.18	(140,134.56)	-13.6%	6,241,590.30	7,222,532.33	(980,942.03)	-13.6%
6.6 FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6.7 TOTAL SALES	\$	1,530,060	1,657,456	(127,396)	-7.7%	10,210,892	11,093,370	(882,477)	-8.0%
6.8 TOTAL T-SERVICE	\$	638,404	625,665	12,739	2.0%	3,969,302	3,870,837	98,465	2.5%
6.9 SALES UNIT RATE	\$/m ³	0.1534	0.1661	(0.0128)	-7.7%	0.1462	0.1589	(0.0126)	-8.0%
6.10 T-SERVICE UNIT RATE	\$/m ³	0.0640	0.0627	0.0013	2.0%	0.0568	0.0554	0.0014	2.5%
6.11 SALES UNIT RATE	\$/GJ	3.9920	4.3244	(0.3324)	-7.7%	3.8058	4.1347	(0.3289)	-8.0%
6.12 T-SERVICE UNIT RATE	\$/GJ	1.6656	1.6324	0.0332	2.0%	1.4794	1.4427	0.0367	2.5%

ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS
INCLUDING FEDERAL CARBON PRICING IMPACTS FOR OBPS PARTICIPANTS AND RIDER K BILL 32

(A) EB-2019-0193 @ 38.53 MJ/m³ vs (B) EB-2019-0155 @ 38.53 MJ/m³

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 135 - Seasonal Firm										
Rate 170 - Average Ind. Interr. - 50% LF										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
7.1	VOLUME	m ³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,392.96	1,392.96	0.00	0.0%	3,363.72	3,363.72	0.00	0.0%
7.3	DISTRIBUTION CHG.	\$	10,636.32	10,750.32	(114.00)	-1.1%	78,037.91	79,991.62	(1,953.71)	-2.4%
7.4	LOAD BALANCING	\$	20,447.85	19,453.63	994.22	5.1%	327,368.46	312,593.84	14,774.62	4.7%
7.5	SALES COMMDTY	\$	53,541.23	61,949.30	(8,408.07)	-13.6%	891,655.71	1,031,790.29	(140,134.58)	-13.6%
7.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
7.7	TOTAL SALES	\$	86,018.36	93,546.21	(7,527.85)	-8.0%	1,300,425.80	1,427,739.47	(127,313.67)	-8.9%
7.8	TOTAL T-SERVICE	\$	32,477.13	31,596.91	880.22	2.8%	408,770.09	395,949.18	12,820.91	3.2%
7.9	SALES UNIT RATE	\$/m ³	0.1437	0.1563	(0.0126)	-8.0%	0.1304	0.1431	(0.0128)	-8.9%
7.10	T-SERVICE UNIT RATE	\$/m ³	0.0543	0.0528	0.0015	2.8%	0.0410	0.0397	0.0013	3.2%
7.11	SALES UNIT RATE	\$/GJ	3.7404	4.0678	(0.3273)	-8.0%	3.3929	3.7250	(0.3322)	-8.9%
7.12	T-SERVICE UNIT RATE	\$/GJ	1.4122	1.3740	0.0383	2.8%	1.0665	1.0330	0.0335	3.2%
Rate 170 - Average Ind. Interr. - 75% LF										
Rate 170 - Large Ind. Interr. - 75% LF										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
8.1	VOLUME	m ³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,363.72	3,363.72	0.00	0.0%	3,363.72	3,363.72	0.00	0.0%
8.3	DISTRIBUTION CHG.	\$	70,853.08	72,806.78	(1,953.70)	-2.7%	380,403.26	394,079.16	(13,675.90)	-3.5%
8.4	LOAD BALANCING	\$	327,368.44	312,593.79	14,774.65	4.7%	2,291,579.32	2,188,156.85	103,422.47	4.7%
8.5	SALES COMMDTY	\$	891,655.62	1,031,790.18	(140,134.56)	-13.6%	6,241,590.30	7,222,532.33	(980,942.03)	-13.6%
8.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
8.7	TOTAL SALES	\$	1,293,241	1,420,554	(127,314)	-9.0%	8,916,937	9,808,132	(891,195)	-9.1%
8.8	TOTAL T-SERVICE	\$	401,585	388,764	12,821	3.3%	2,675,346	2,585,600	89,747	3.5%
8.9	SALES UNIT RATE	\$/m ³	0.1296	0.1424	(0.0128)	-9.0%	0.1277	0.1405	(0.0128)	-9.1%
8.1	T-SERVICE UNIT RATE	\$/m ³	0.0403	0.0390	0.0013	3.3%	0.0383	0.0370	0.0013	3.5%
8.11	SALES UNIT RATE	\$/GJ	3.3741	3.7063	(0.3322)	-9.0%	3.3235	3.6557	(0.3322)	-9.1%
8.12	T-SERVICE UNIT RATE	\$/GJ	1.0478	1.0143	0.0335	3.3%	0.9972	0.9637	0.0335	3.5%

RATE HANDBOOK

Filed 2019-09-11
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ENBRIDGE GAS INC.

EGD RATE ZONE HANDBOOK OF RATES AND DISTRIBUTION SERVICES

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Issued: 2019-10-01
Replaces: 2019-08-01



Part I

GLOSSARY OF TERMS

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

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

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

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

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

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

CD – (MDV – Delivery) – Curtailment Volume

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

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

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

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

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

Board: Ontario Energy Board. (OEB)

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

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

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

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

Company: Enbridge Gas Inc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

EGD Rate Zone: The geographic areas within which the Company provides the services set out in this Rate Handbook formerly provided by Enbridge Gas Distribution Inc. prior to its amalgamation with Union Gas Limited on January 1, 2019, as such areas may be amended from time to time.

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

Firm Transportation ("FT"): Firm Transportation service offered by upstream pipelines to move gas from

a receipt point to a delivery point, as defined by the pipeline.

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

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

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

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

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

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

Gas: Natural Gas.

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

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

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

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

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

Issued: 2019-10-01
Replaces: 2019-08-01



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

Gigajoule ("GJ"): See Joule.

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

Imperial Conversion Factors:

Volume:

1,000 cubic feet (cf) = 1 Mcf
 = 28.32784 cubic metres (m³)
 1 billion cubic feet (cf) = 28.32784 10⁶m³

Pressure:

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

Energy:

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

Monetary Value:

\$1 per Mcf = \$0.03530096 per m³
 \$1 per MMBtu = \$0.9482133 per GJ

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

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

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

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

Large Volume Distribution Contract Rates: The Rate Schedules applicable for annual consumption

exceeding 340,000 cubic metres of gas per year and for which a specific contract between the Company and the Applicant is required.

Load-Balancing: The balancing of the gas supply to meet demand. Storage and other peak supply sources, curtailment of interruptible services, and diversions from one delivery point to another may be used by the Company.

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

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

Metric Conversion Factors:

Volume:

1 cubic metre (m³) = 35.30096 cubic feet (cf)
 1,000 cubic metres = 10³m³
 = 35,300.96 cf
 = 35.30096 Mcf
 28.32784 m³ = 1 Mcf

Pressure:

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

Energy:

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

Monetary Value:

\$1 per 10³m³ = \$0.02832784 per Mcf
 \$1 per gigajoule = \$1.055056 per MMBtu

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

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

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

Issued: 2019-10-01
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Nominate, Nomination: The procedure of advising the Company of the volume which the Applicant expects to deliver to the Company in a day.

Ontario Energy Board or OEB: An agency of the Ontario Government which, amongst other things, approves the Company's Rate Schedules (Part V of this HANDBOOK) and the matters described in Parts III and IV of this HANDBOOK.

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

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

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

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

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

T-Service: Transportation Service.

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

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

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

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

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

SECTION A - INTRODUCTION

1. In Franchise Services

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

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

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

Service to residential locations is provided pursuant to Rate 1.

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

2. Ex-Franchise Services

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

For the purposes of interpreting the terms and conditions contained in this Handbook of Rates and Distribution Services the ex-franchise distributor shall be considered to be the applicant for the transportation

PART II

RATES AND SERVICES AVAILABLE

Issued: 2019-10-01
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of its customer owned gas and shall assume all the obligations of transportation as if it owned the gas.

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

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

SECTION B -DIRECT PURCHASE ARRANGEMENTS

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

A. Western Canada

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

B. Ontario Delivery T-Service Arrangement

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

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

(i) Bundled T-Service

Bundled T-Service is so called because all of the services required by the Applicant (delivery and load balancing) are provided for the prices specified in the

applicable Rate Schedule. In a Bundled T-Service arrangement the Applicant contracts to deliver each day to the Company a Mean Daily Volume of gas. Fluctuations in the demand for gas at the Terminal Location are balanced by the Company.

(ii) Unbundled T-Service

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

C. Western Delivery T-Service Arrangement

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

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

D. Dawn Delivery T-Service Arrangement

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

PART III

TERMS AND CONDITIONS APPLICABLE TO ALL SERVICES

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

SECTION A - AVAILABILITY

Issued: 2019-10-01
Replaces: 2019-08-01

Unless otherwise stated in a Rate Schedule, the Company's rates and services are available throughout the EGD Rate Zone. Transportation Service and/or Sales Service will be provided subject to the Company having the capacity in its gas distribution network to provide the service requested. When the Company is requested to supply the natural gas to be delivered, service shall be available subject to the Company having available to it a supply of gas adequate to meet the requirement without jeopardizing the supply to its existing customers.

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

SECTION B - ENERGY CONTENT

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

SECTION C - SUBSTITUTION PROVISION

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

SECTION D - BILLS

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

SECTION E - MINIMUM BILLS

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

Administration Charge, all as provided for in the applicable Rate Schedule.

In addition, for service under each of the Large Volume Distribution Contact Rates, if in a contract year a volume of gas equal to or greater than the product of the Contract Demand multiplied by a contractually specified multiple of the Contract Demand ("Minimum Annual Volume") is not taken at the Terminal Location the Applicant shall pay, in addition to the minimum monthly bills, the amount obtained when the difference between the Minimum Annual Volume and the volume taken in the contract year (such difference being the Annual Volume Deficiency) is multiplied by the applicable Minimum Bill Charge(s) as provided for in the applicable Rate Schedule. Notwithstanding the foregoing, the Minimum Annual Volume shall be the greater of the Minimum Annual Volume as determined above and 340,000 m³.

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

SECTION F - PAYMENT CONDITIONS

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

SECTION G - TERM OF ARRANGEMENT

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

Issued: 2019-10-01
Replaces: 2019-08-01



an amount equal to the unpaid minimum bills for such period. When a written agreement is in effect relating to the provision of gas service, the term for which such service is to continue shall be as provided for in the agreement.

SECTION H - RESALE PROHIBITION

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

SECTION I - MEASUREMENT

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

SECTION J - RATES IN CONTRACTS

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

SECTION K - ADVICE RE: CURTAILMENT

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

SECTION L - DAILY DELIVERED VOLUMES

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

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

SECTION M - AUTHORIZED OVERRUN GAS

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

SECTION N - UNAUTHORIZED SUPPLY OVERRUN GAS

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

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

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



volume of gas shall be deemed to have been taken and purchased by the Applicant on such day.

The Applicant shall pay the Company for Unauthorized Supply Overrun Gas at the rate applicable to Unauthorized Supply Overrun Gas as provided for in the Rate Schedule(s) applicable to the Service Contract.

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

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

SECTION O – COMPANY RESPONSIBILITY AND LIABILITY

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

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

- (a) to maintain safety and reliability on, or to facilitate construction, installation, maintenance, repair, replacement or inspection of the Company's facilities; or
- (b) for any reason related to dangerous or hazardous circumstances, emergencies or Force Majeure.

The Company shall not be liable for any loss, injury, damage, expense, charge, cost or liability of any kind, whether direct, indirect, special or consequential in nature, (excepting only direct physical loss, injury or damage to a customer or a customer's property,

resulting from the negligent acts or omissions of the Company, its employees or agents) arising from or connected with any failure, defect, fluctuation or interruption in the provision of gas service by the Company to its customers.

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

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

PART IV

TERMS AND CONDITIONS – DIRECT PURCHASE ARRANGEMENTS

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

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

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

SECTION A - NOMINATIONS

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

An initial daily volume must be Nominated by a contractually specified time before the first day on

Issued: 2019-10-01
Replaces: 2019-08-01



which gas is to be delivered to the Company. Any Nomination, once accepted by the Company, shall be considered as a standing nomination applicable to each subsequent day in a contract term unless specifically varied by written notice to the Company.

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

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

SECTION B - OBLIGATION TO DELIVER

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

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

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

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

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

SECTION C - DIVERSION RIGHTS

Subject to compliance with the Terms and Conditions of all Required Orders, an Applicant who has entered into a Transportation Service Agreement or Agreements which provide(s) for deliveries to the Company for more than one Terminal Location shall have the right, on

such terms and only on such terms as are specified in the applicable Transportation Service Agreement, to divert deliveries from one or more contractually specified Terminal Locations to other contractually specified Terminal Locations.

SECTION D - BANKED GAS ACCOUNT (BGA)

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

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

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

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

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

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



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

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

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

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

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

been tendered for sale to the Company and the Company shall purchase such portion at:

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

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

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

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

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

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

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

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

APPLICABILITY:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	Billing Month January to December
Monthly Customer Charge ⁽¹⁾	\$21.00
Delivery Charge per cubic metre	
For the first 30 m ³ per month	10.6388 ¢/m ³
For the next 55 m ³ per month	10.0322 ¢/m ³
For the next 85 m ³ per month	9.5572 ¢/m ³
For all over 170 m ³ per month	9.2031 ¢/m ³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9727 ¢/m³

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

(1): Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

EFFECTIVE DATE: October 1, 2019	IMPLEMENTATION DATE: October 1, 2019	BOARD ORDER: EB-2019-0193	REPLACING RATE EFFECTIVE: August 1, 2019	Page 1 of 1 Handbook 11
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APPLICABILITY:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	<u>Billing Month</u> January to December <u>December</u>
Monthly Customer Charge ⁽¹⁾	\$71.00
Delivery Charge per cubic metre	
For the first 500 m ³ per month	9.8985 ¢/m ³
For the next 1050 m ³ per month	7.8352 ¢/m ³
For the next 4500 m ³ per month	6.3903 ¢/m ³
For the next 7000 m ³ per month	5.4620 ¢/m ³
For the next 15250 m ³ per month	5.0495 ¢/m ³
For all over 28300 m ³ per month	4.9459 ¢/m ³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9940 ¢/m³

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

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 1 of 1
October 1, 2019	October 1, 2019	EB-2019-0193	August 1, 2019	Handbook 12

APPLICABILITY:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	<u>Billing Month</u> January to December
Monthly Customer Charge	\$235.95
Delivery Charge per cubic metre	
For the first 20,000 m ³ per month	11.2661 ¢/m ³
For all over 20,000 m ³ per month	10.5464 ¢/m ³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9378 ¢/m³

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

DIRECT PURCHASE ARRANGEMENTS:

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

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	Billing Month January to December
Monthly Customer Charge ⁽¹⁾	\$123.01
Delivery Charge	
Per cubic metre of Contract Demand	36.0000 ¢/m ³
Per cubic metre of gas delivered	0.1747 ¢/m ³
Gas Supply Load Balancing Charge	1.1382 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9940 ¢/m³

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

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

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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RATE NUMBER: **100**

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	Billing Month January to December
Monthly Customer Charge ⁽¹⁾	\$588.37
Delivery Charge	
Per cubic metre of Contract Demand	22.9100 ¢/m³
Per cubic metre of gas delivered	
For the first 1,000,000 m ³ per month	0.8293 ¢/m³
For all over 1,000,000 m ³ per month	0.6793 ¢/m³
Gas Supply Load Balancing Charge	0.2336 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9379 ¢/m³

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

(1): Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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RATE NUMBER: **110**

MINIMUM BILL:

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

5.2973 ¢/m³

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

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	Billing Month January to December
Monthly Customer Charge ⁽¹⁾	\$623.62
Delivery Charge	
Per cubic metre of Contract Demand	24.3600 ¢/m ³
Per cubic metre of gas delivered	
For the first 1,000,000 m ³ per month	0.4044 ¢/m ³
For all over 1,000,000 m ³ per month	0.3044 ¢/m ³
Gas Supply Load Balancing Charge	0.0894 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9379 ¢/m³

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

(1): Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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RATE NUMBER: **115**

MINIMUM BILL:

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

4.7281 ¢/m³

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

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

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

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

DISTRIBUTION RATES:

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

Monthly Customer Charge ⁽¹⁾	\$501.00
Demand Charge	
Per cubic metre of the Contract Demand or the Billing Contract Demand, as applicable, per month	9.8840 ¢/m³
Direct Purchase Administration Charge	\$75.00
Forecast Unaccounted For Gas Percentage	0.9%

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

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

TERMS AND CONDITIONS OF SERVICE:

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

2. Unaccounted for Gas (UFG) Adjustment Factor:

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

3. Nominations:

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

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

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

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

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

4. Authorized Demand Overrun:

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

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

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

Authorized Demand Overrun Rate **0.32 ¢/m³**

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

5. Unauthorized Demand Overrun:

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

6. Unauthorized Supply Overrun:

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

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

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

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

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7. Unauthorized Supply Underrun:

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

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

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

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

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

$$P_e = (P_m * E_r * 100 * 0.03853 / 1.055056) * 1.5$$

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

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

1.055056 = Conversion factor from mmBtu to GJ.

0.03842 = Conversion factor from GJ to cubic metres.

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

$$P_u = (P_l * E_r * 100 * 0.03853 / 1.055056) * 0.5$$

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

Term of Contract:

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

Right to Terminate Service:

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

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LOAD BALANCING PROVISIONS:

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

Definitions:

Aggregate Delivery:

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

Applicable Delivery Area:

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

Primary Delivery Area:

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

Secondary Delivery Area:

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

Actual Consumption:

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

Net Available Delivery:

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

Daily Imbalance:

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

Cumulative Imbalance:

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

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Maximum Contractual Imbalance:

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

Winter and Summer Seasons:

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

Operational Flow Order:

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

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

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

Daily Balancing Fee:

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

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

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

Tier 1 = 0.8524 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance

Tier 2 = 1.0229 cents/m3 applied to Daily Imbalance of greater than 10% but less than the Maximum Contractual Imbalance

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

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

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

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

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

Cumulative Imbalance Charges:

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

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

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

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

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

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	Billing Month	
	December to March	April to November
Monthly Customer Charge ⁽¹⁾	\$116.08	\$116.08
Delivery Charge		
For the first 14,000 m ³ per month	7.1354 ¢/m ³	2.4354 ¢/m ³
For the next 28,000 m ³ per month	5.9354 ¢/m ³	1.7354 ¢/m ³
For all over 42,000 m ³ per month	5.5354 ¢/m ³	1.5354 ¢/m ³
Gas Supply Load Balancing Charge	0.0000 ¢/m³	0.0000 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9449 ¢/m³	8.9449 ¢/m³

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

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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

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RATE NUMBER: **135**

SEASONAL CREDIT:

Rate per cubic metre of Mean Daily Volume from December to March \$ **0.77 /m³**
Rate per cubic metre of Modified Mean Daily Volume for December \$ **0.77 /m³**

SEASONAL OVERRUN CHARGE:

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

Seasonal Overrun Charges:

December and March **22.7880 ¢/m³**
January and February **56.9700 ¢/m³**

MINIMUM BILL:

Per cubic metre of Annual Volume Deficiency
(See Terms and Conditions of Service): **8.2364 ¢/m³**

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	Billing Month
	January
	to
	December
Monthly Customer Charge ⁽¹⁾	\$124.34
Delivery Charge	
Per cubic metre of Contract Demand	8.2300 ¢/m³
For the first 14,000 m ³ per month	2.9779 ¢/m³
For the next 28,000 m ³ per month	1.6189 ¢/m³
For all over 42,000 m ³ per month	1.0599 ¢/m³
Gas Supply Load Balancing Charge	0.5266 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9415 ¢/m³

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

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

CURTAILMENT CREDIT:

Rate for 16 hours of notice per cubic metre of Mean Daily Volume from December to March \$ **0.50 /m³**

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RATE NUMBER: **145**

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

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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

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

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

MINIMUM BILL:

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

7.7389 ¢/m³

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	<u>Billing Month</u> January to December <u>December</u>
Monthly Customer Charge ⁽¹⁾	\$280.31
Delivery Charge	
Per cubic metre of Contract Demand	4.0900 ¢/m ³
Per cubic metre of gas delivered	
For the first 1,000,000 m ³ per month	0.5275 ¢/m ³
For all over 1,000,000 m ³ per month	0.3275 ¢/m ³
Gas Supply Load Balancing Charge	0.2284 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9379 ¢/m³

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

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

DIRECT PURCHASE ARRANGEMENTS:

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

CURTAILMENT CREDIT:

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March **\$ 1.10 /m³**

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RATE NUMBER: **170**

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

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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

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

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

MINIMUM BILL:

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

4.9903 ¢/m³

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

Rates per cubic metre assume an energy content of 38.53 MJ/m³.

	<u>Billing Month</u> January to December
Monthly Customer Charge	
The monthly customer charge shall be negotiated with the applicant and shall not exceed:	\$2,000.00
Delivery Charge	
Per cubic metre of Firm Contract Demand	14.7000 ¢/m³
Per cubic metre of gas delivered	1.1573 ¢/m³
Gas Supply Load Balancing Charge	1.0635 ¢/m³
Transportation Charge per cubic metre (If applicable)	4.2586 ¢/m³
Transportation Dawn Charge per cubic metre (If applicable)	0.8191 ¢/m³
System Sales Gas Supply Charge per cubic metre (If applicable)	8.9378 ¢/m³
Buy/Sell Sales Gas Supply Charge per cubic metre (If applicable)	8.9183 ¢/m³

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

DIRECT PURCHASE ARRANGEMENTS:

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

CURTAILMENT CREDIT:

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March \$ **1.10 /m³**

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

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

UNAUTHORIZED OVERRUN GAS RATE:

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

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

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

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

MINIMUM BILL:

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

6.4552 ¢/m³

TERMS AND CONDITIONS OF SERVICE:

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

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates as the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY:

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

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

CHARACTER OF SERVICE:

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

DISTRIBUTION RATES:

Monthly Customer Charge ⁽¹⁾	\$501.00
Monthly Contract Demand Charge Firm	26.6881 ¢/m³
Interruptible Service:	
Minimum Delivery Charge	0.3899 ¢/m³
Maximum Delivery Charge	1.0529 ¢/m³
Direct Purchase Administration Charge	\$75.00
Forecast Unaccounted For Gas Percentage	0.9%

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

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

⁽¹⁾: Aggregated within Monthly Customer Charge is the amount of one dollar per month in accordance with Bill 32 and Ontario Regulation 24/19.

TERMS AND CONDITIONS OF SERVICE:

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

2. **Unaccounted for Gas (UFG) Adjustment Factor:**

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

3. **Nominations:**

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

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

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

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

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

4. Authorized Demand Overrun:

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

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

5. Unauthorized Demand Overrun:

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

6. Unauthorized Supply Overrun:

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

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

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

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

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7. Unauthorized Supply Underrun:

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

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

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

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

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

$$P_e = (P_m * E_r * 100 * 0.03853 / 1.055056) * 1.5$$

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

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

1.055056 = Conversion factor from mmBtu to GJ.

0.03842 = Conversion factor from GJ to cubic metres.

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

$$P_u = (P_l * E_r * 100 * 0.03853 / 1.055056) * 0.5$$

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

Term of Contract:

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

Right to Terminate Service:

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

Load Balancing:

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

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LOAD BALANCING PROVISIONS:

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

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

Definitions:

Aggregate Delivery:

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

Applicable Delivery Area:

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

Primary Delivery Area:

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

Secondary Delivery Area:

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

Actual Consumption:

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

Net Available Delivery:

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

Daily Imbalance:

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

Cumulative Imbalance:

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

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Maximum Contractual Imbalance:

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

Winter and Summer Seasons:

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

Operational Flow Order:

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

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

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

Daily Balancing Fee:

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

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

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

Tier 1 = Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance and shall be subject to a charge of 0.8524 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.0229 cents/m3

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

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

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

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

Cumulative Imbalance Charges:

Customers may trade Cumulative Imbalances within a delivery area.

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

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

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

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

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

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

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

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

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

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

CHARACTER OF SERVICE:

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

The service is available on two bases:

(1) Service nominated daily based on the available capacity and gas in storage up to the maximum contracted daily deliverability; and

(2) No-Notice Storage Service for daily Load Balancing consistent with the maximum hourly deliverability.

RATE:

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

Monthly Customer Charge:	\$150.00
Storage Reservation Charge:	
Monthly Storage Space Demand Charge	0.0537 ¢/m³
Monthly Storage Deliverability Demand Charge	22.1427 ¢/m³
Injection & Withdrawal Unit Charge:	0.2629 ¢/m³

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

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

FUEL RATIO REQUIREMENT:

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

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

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

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

TERMS AND CONDITIONS OF SERVICE:

1. Nominated Storage Service:

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

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

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

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

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

2. No-Notice Storage Service:

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

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

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

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RATE NUMBER: **315**

Other provisions:

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

Term of Contract:

A minimum of one year.

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

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

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

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

The maximum hourly injections / withdrawals shall equal 1/24th of the daily Storage Demand.

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

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

CHARACTER OF SERVICE:

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

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

RATE:

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

Monthly Customer Charge:	\$150.00
Storage Reservation Charge:	
Monthly Storage Space Demand Charge	0.0537 ¢/m³
Monthly Storage Deliverability Demand Charge	5.5775 ¢/m³
Injection & Withdrawal Unit Charge:	0.0938 ¢/m³

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

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

FUEL RATIO REQUIREMENT:

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

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

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

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RATE NUMBER: **316**

TERMS AND CONDITIONS OF SERVICE:

Nominated Storage Service:

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

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

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

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

The customer may transfer the title of gas in storage.

Other provisions:

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

Term of Contract:

A minimum of one year.

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

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

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

CHARACTER OF SERVICE:

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

RATE:

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

	<u>Billing Month</u> January to December
Gas Supply Charge Per cubic metre of gas sold	13.7524 ¢/m³

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

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

EFFECTIVE DATE:

To apply to bills rendered for gas consumed by customers on and after October 1, 2019 under Sales Service and Transportation Service. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205, effective August 1, 2019.

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APPLICABILITY AND CHARACTER OF SERVICE:

Service under this rate schedule shall apply to the transmission, compression and storage services provided to the Company's Union rate zones ("Customer"). Prior to January 1, 2019, these services were provided pursuant to the Transmission and Compression Services Agreement with Union Gas Limited dated April 1, 1989, and the Transmission, Compression and Pool Storage Service Agreement with Centra Gas Ontario Inc. dated May 30, 1994 ("Prior Agreements"). Service shall be provided in accordance with operating parameters and cost allocation as specified in the Prior Agreements.

RATE:

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

	Transmission & Compression \$/10³m³	Pool Storage \$/10³m³
Demand Charge for:		
Annual Turnover Volume	0.2071	0.1955
Maximum Daily Withdrawal Volume	22.7879	21.7395
Commodity Charge	0.7966	0.0916

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

FUEL RATIO REQUIREMENT:

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

MINIMUM BILL:

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

EXCESS VOLUME AND OVERRUN RATES:

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

TERMS AND CONDITIONS OF SERVICE:

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

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	Excess Volume Charge \$/10³m³ / Year	Overrun Charge \$/10³m³ / Day
Transmission & Compression		
Authorized	2.7337	0.7492
Unauthorized	-	300.8003
Pool Storage		
Authorized	2.5806	0.7147
Unauthorized	-	286.9614

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

BILLING ADJUSTMENT:

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

TERMS AND EXPRESSIONS:

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

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

To any Applicant who enters into a Storage Contract with the Company for delivery by the Applicant to the Company and re-delivery by the Company to the Applicant of a volume of natural gas owned by the Applicant.

CHARACTER OF SERVICE:

Service under this rate is for Full Cycle or Short Cycle storage service; with firm or interruptible injection and withdrawal service, all as may be available from time to time.

RATE:

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

	Firm \$/10 ³ m ³	Full Cycle Interruptible \$/10 ³ m ³	Short Cycle \$/10 ³ m ³
Monthly Demand Charge per unit of Annual Turnover Volume:			
Minimum	0.4026	0.4026	-
Maximum	2.0130	2.0130	-
Monthly Demand Charge per unit of Contracted Daily Withdrawal:			
Minimum	44.5274	35.6219	-
Maximum	222.6370	178.1096	-
Commodity Charge per unit of gas delivered to / received from storage:			
Minimum	0.8882	0.8882	0.3459
Maximum	4.4410	4.4410	40.9700

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

FUEL RATIO REQUIREMENT:

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

TRANSACTING IN ENERGY:

The conversion factor is 37.74MJ/m³, which corresponds to Union Gas' System Wide Average Heating Value, as per the Board's RP-1999-0017 Decision with Reasons.

MINIMUM BILL:

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

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OVERRUN RATES:

The units rates stated below will apply to overrun volumes. The provision of Authorized Overrun service will be at the Company's sole discretion.

	Firm \$/10 ³ m ³	Full Cycle Interruptible \$/10 ³ m ³	Short Cycle \$/10 ³ m ³
Authorized Overrun Annual Turnover Volume Negotiable, not to exceed:	40.9700	40.9700	40.9700
Authorized Overrun Daily Injection/Withdrawal Negotiable, not to exceed:	40.9700	40.9700	40.9700
Unauthorized Overrun Annual Turnover Volume Excess Storage Balance Excess Storage Balance December 1 - October 31	409.6996 40.9700	409.6996 40.9700	409.6996 40.9700
Unauthorized Overrun Annual Turnover Volume Negative Storage Balance			

TERMS AND CONDITIONS OF SERVICE:

1. All Services are available at the Company's sole discretion.
2. Delivery and Re-delivery of the volume of natural gas shall be from/to the facilities of Union Gas Limited and / or TransCanada PipeLines Limited in Dawn Township and/or Niagara Gas Transmission Limited in Moore Township.
3. The Customers daily injections or withdrawals will be adjusted to provide for the fuel ratio stated in the Fuel Ratio Section. In the event that a Short Cycle service does not require fuel for injection and/or withdrawal, the fuel ratio commodity charge may be waived.

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

To any Applicant who enters into an agreement with the Company pursuant to the Rate 331 Tariff ("Tariff") for transportation service on the Company's pipelines extending from Tecumseh to Dawn ("Tecumseh Pipeline"). The Company will receive gas at Tecumseh and deliver the gas at Dawn. Capitalized terms used in this Rate Schedule shall have the meanings ascribed to those terms in the Tariff.

CHARACTER OF SERVICE:

Transportation service under this Rate Schedule may be available on a firm basis ("FT Service") or an interruptible basis ("IT Service"), subject to the terms and conditions of service set out in the Tariff and the applicable rates set out below.

RATE:

The following rates, effective October 1, 2019, shall apply in respect of FT and IT Service under this Rate Schedule:

	Demand Rate \$/10 ³ m ³	Commodity Rate \$/10 ³ m ³
FT Service	5.6430	-
IT Service	-	0.2230

FT Service: The monthly demand charge shall be the products obtained by multiplying the applicable Maximum Daily Volume by the above demand rate.

IT Service: The monthly commodity charge shall be the product obtained by multiplying the applicable Delivery Volume for the Month by the above commodity rate.

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

TERMS AND CONDITIONS OF SERVICE:

The terms and conditions of FT and IT Service are set out in the Tariff. The provisions of PARTS I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 331 service.

EFFECTIVE DATE:

The Tariff was approved by the Board in Board Order EB-2010-0177, dated July 12, 2010, and is posted and available on the Company's website. In accordance with Section 1.6.2 of the Board's Storage and Transportation Access Rule, the Tariff does not apply to any Rate 331 service agreements executed prior to June 16, 2010.

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APPLICABILITY:

To any Applicant who enters into an agreement with the Company pursuant to the Rate 332 Tariff ("Tariff") for transportation service on the Company's Albion Pipeline, as defined in the Tariff. Capitalized terms used in this Rate Schedule shall have the meanings ascribed to those terms in the Tariff.

CHARACTER OF SERVICE:

Transportation service under this Rate Schedule shall be provided on a firm basis, subject to the terms and conditions set out in the Tariff and this Rate Schedule.

RATE:

The following charges, effective October 1, 2019, shall apply for transportation service under this Rate Schedule:

Monthly Contract Demand Charge	<u>\$/GJ</u> \$1.2075	<u>\$/103m3</u> 45.5107
Authorized Overrun Charge	<u>\$/GJ</u> \$0.0476	<u>\$/103m3</u> 1.7940

The Monthly Contract Demand charge is equal to the Daily Contract Demand of \$0.0397 per GJ or \$1.4963 per 10³m³.

Monthly Minimum Bill: The minimum monthly bill shall equal the applicable Monthly Contract Demand Charge times the Maximum Daily Quantity.

Authorized Overrun Service: The Company may, in its sole discretion, authorize transportation of gas in excess of the Maximum Daily Quantity provided excess capacity is available. The excess volumes will be subject to the Authorized Overrun Charge.

The rates quoted above shall be subject to the Federal Carbon Charge (if applicable) and the Facility Carbon Charge (in addition to delivery charge) contained in Rider "J".

In addition to the rates quoted above, Applicants taking Rate 332 transportation service will be required to pay any charges resulting from Board approved dispositions of Deferral and Variance account balances pertaining to Rate 332.

TERMS AND CONDITIONS OF SERVICE:

The terms and conditions of transportation service are set out in the Tariff. The provisions of Parts I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 332 transportation service.

EFFECTIVE DATE:

The Tariff was approved by the Board in Board Order EB-2016-0028 available on the Company's website.

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Applicants located off the piping networks noted below or off piping systems supplied from these networks may be curtailed to maintain distribution system integrity.

The Town of Collingwood
The Town of Midland

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APPLICABILITY:

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

MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:

Fixed Charge	\$75.00 per month
Account Charge	\$0.21 per month per account

AVERAGE COST OF TRANSPORTATION:

The average cost of transportation effective October 1, 2019:

Service Type:	Point of Acceptance	Firm Transportation (FT)
T-Service:	CDA, EDA	4.2586 ¢/m ³
Dawn T-Service:	CDA, EDA	0.8191 ¢/m ³

TCPL FT CAPACITY TURNBACK:**APPLICABILITY:**

To Ontario T-Service and Western T-Service customers who have been or will be assigned TCPL capacity by the Company.

TERMS AND CONDITIONS OF SERVICE:

1. The Company will accommodate TCPL FT capacity turnback requests from customers, but only if it can do so in accordance with the following considerations:
 - i. The FT capacity to be turned back must be replaced with alternative, contracted firm transportation (primary capacity or assignment) of equivalent quality to the TCPL FT capacity;
 - ii. The amount of turnback capacity that Enbridge otherwise may accommodate may be reduced to address the impact of stranded costs, other transitional costs or incremental gas costs resulting from the loss of STS capacity arising from any turnback request; and
 - iii. Enbridge must act in a manner that maintains the integrity and reliability of the gas distribution system and that respects the sanctity of contracts.
2. Requests for TCPL FT turnback must be made in writing to the attention of Enbridge's Direct Purchase group.
3. All TCPL FT capacity turnback requests will be treated on an equitable basis.
4. The percentage turnback of TCPL FT capacity will be applied at the Direct Purchase Agreement level.

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5. Written notice to turnback capacity must be received by the Company the earlier of:

(a) Sixty days prior to the expiry date of the current contract.

or

(b) A minimum of one week prior to the deadline specified in TransCanada tariff for FT contract extension.

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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APPLICABILITY:

This rider is applicable to any Applicant who entered into a Gas Purchase Agreement with the Company, prior to April 1, 1999, to sell to the Company a supply of natural gas.

MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:

Fixed Charge	\$75.00 per month
Account Charge	\$0.21 per month per account

BUY / SELL PRICE:

In Buy/Sell Arrangements between the Company and an Applicant, the Company shall buy the Applicants gas at the Company's actual FT-WACOG price determined on a monthly basis in the manner approved by the Ontario Energy Board. For Western Buy/Sell arrangements the FT-WACOG price shall be reduced by pipeline transmission costs.

FT FUEL PRICE:

The FT fuel price used to establish the Buy price in Western Buy/Sell arrangements without fuel will be determined monthly based upon the actual FT-WACOG.

EFFECTIVE DATE:

To apply to bills rendered for gas delivered on and after October 1, 2019. This rate schedule is effective October 1, 2019 and replaces the identically numbered rate schedule that specifies implementation date, August 1, 2019 and that indicates the Board Order, EB-2018-0205 effective August 1, 2019.

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The following adjustment is applicable to all gas sold or delivered during the period of October 1, 2019 to September 30, 2020.

Rate Class	Sales Service (¢/m ³)	Western Transportation Service (¢/m ³)	Ontario Transportation Service (¢/m ³)	Dawn Transportation Service (¢/m ³)
Rate 1	0.8674	0.2133	0.3367	0.3367
Rate 6	0.8451	0.1940	0.3174	0.3174
Rate 9	0.8451	0.1940	0.3174	0.3174
Rate 100	0.8451	0.1940	0.3174	0.3174
Rate 110	0.3657	(0.0417)	0.0817	0.0817
Rate 115	0.2734	(0.1010)	0.0224	0.0224
Rate 135	0.2510	(0.1234)	0.0000	0.0000
Rate 145	0.6461	0.0508	0.1742	0.1742
Rate 170	0.5224	(0.0453)	0.0781	0.0781
Rate 200	0.8927	0.2032	0.3266	0.3266

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RIDER: **C**

Rate Class		Sales Service (¢/m ³)	Western Transportation Service (¢/m ³)	Ontario Transportation Service (¢/m ³)	Dawn Transportation Service (¢/m ³)
Rate 1	Commodity	0.6541			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.3367</u>	<u>0.3367</u>	<u>0.3367</u>	<u>0.3367</u>
	Total	0.8674	0.2133	0.3367	0.3367
Rate 6	Commodity	0.6511			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.3174</u>	<u>0.3174</u>	<u>0.3174</u>	<u>0.3174</u>
	Total	0.8451	0.1940	0.3174	0.3174
Rate 9	Commodity	0.6511			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.3174</u>	<u>0.3174</u>	<u>0.3174</u>	<u>0.3174</u>
	Total	0.8451	0.1940	0.3174	0.3174
Rate 100	Commodity	0.6511			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.3174</u>	<u>0.3174</u>	<u>0.3174</u>	<u>0.3174</u>
	Total	0.8451	0.1940	0.3174	0.3174
Rate 110	Commodity	0.4074			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.0817</u>	<u>0.0817</u>	<u>0.0817</u>	<u>0.0817</u>
	Total	0.3657	(0.0417)	0.0817	0.0817
Rate 115	Commodity	0.3744			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.0224</u>	<u>0.0224</u>	<u>0.0224</u>	<u>0.0224</u>
	Total	0.2734	(0.1010)	0.0224	0.0224
Rate 135	Commodity	0.3744			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>	<u>0.0000</u>
	Total	0.2510	(0.1234)	0.0000	0.0000

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RIDER: **C**

Rate Class		Sales Service (¢/m ³)	Western Transportation Service (¢/m ³)	Ontario Transportation Service (¢/m ³)	Dawn Transportation Service (¢/m ³)
Rate 145	Commodity	0.5953			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.1742</u>	<u>0.1742</u>	<u>0.1742</u>	<u>0.1742</u>
	Total	0.6461	0.0508	0.1742	0.1742
Rate 170	Commodity	0.5677			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.0781</u>	<u>0.0781</u>	<u>0.0781</u>	<u>0.0781</u>
	Total	0.5224	(0.0453)	0.0781	0.0781
Rate 200	Commodity	0.6895			
	Transportation	(0.1234)	(0.1234)		
	<u>Load Balancing</u>	<u>0.3266</u>	<u>0.3266</u>	<u>0.3266</u>	<u>0.3266</u>
	Total	0.8927	0.2032	0.3266	0.3266

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Bundled Services

Rate Class	<u>(¢/m³)</u>
Rate 1	0.0000
Rate 6	0.0000
Rate 9	0.0000
Rate 100	0.0000
Rate 110	0.0000
Rate 115	0.0000
Rate 135	0.0000
Rate 145	0.0000
Rate 170	0.0000
Rate 200	0.0000

Unbundled Services

Rate Class	<u>(¢/m³)</u>
Rate 125 - per m³ of contract demand	0.0000
Rate 300 - per m³ of contract demand	0.0000
Rate 300 (Interruptible)	0.0000



RIDER:

E

REVENUE ADJUSTMENT RIDER

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

Zone	Elevation Factor
1	0.9644
2	0.9652
3	0.9669
4	0.9678
5	0.9686
6	0.9703
7	0.9728
8	0.9745
9	0.9762
10	0.9771
11	0.9839
12	0.9847
13	0.9856
14	0.9864
15	0.9873
16	0.9881
17	0.9890
18	0.9898
19	0.9907
20	0.9915
21	0.9932
22	0.9941
23	0.9949
24	0.9958
25	0.9960
26	0.9966
27	0.9975
28	0.9981
29	0.9983
30	0.9992
31	0.9997
32	1.0000
33	1.0017
34	1.0025
35	1.0034
36	1.0051
37	1.0059
38	1.0170

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	<u>Rate</u> (excluding HST)
<u>New Account Or Activation</u>	
New Account Charge	\$25.00
Turning on of gas, activating appliances, obtaining billing data and establishing an opening meter reading for new customers in premises where gas has been previously supplied	
Appliance Activation Charge - Commercial Customers Only	\$70.00
Commercial customers are charged an appliance activation charge on unlock and red unlock orders, except on the very first unlock and service unlock at a premise.	
	minimum 1/2 hour work. Total Amount depends on time required
Meter Unlock Charge - Seasonal or Pool Heater	\$70.00
Seasonal for all other revenue classes, or Pool Heater for residential only	
<u>Statement of Account</u>	
Lawyer Letter Handling Charge	\$15.00
Provide the customer's lawyer with gas bill information.	
Statement of Account Charge (for one year history)	\$10.00
<u>Cheques Returned Non-Negotiable Charge</u>	\$20.00
<u>Gas Termination</u>	
Red Lock Charge	\$70.00
Locking meter or shutting off service by closing the street shut-off valve (when work can be performed by Field Collector)	
Removal of Meter	\$280.00
Removing meter by Construction & Maintenance crew	
Cut Off At Main Charge	\$1,300.00
Cutting service off at main by Construction & Maintenance Crew	
Valve Lock Charge	
Shutting off service by closing the street shut-off valve - work performed by Field Investigator	
	\$135.00
- work performed by Construction & Maintenance	
	\$280.00
<u>Safety Inspection</u>	
Inspection Charge	\$70.00
For inspection of gas appliances; the Company provides only one inspection free of charge, upon first time introduction of gas to a premise.	
Inspection Reject Charge (safety inspection)	\$70.00
Energy Board Inspection rejects are billed to the meter installer or homeowner.	

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Meter Test

Meter Test Charge

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

Residential meters \$105.00

Non-Residential meters Time & Material per Contractor

Street Service Alteration

Street Service Alteration Charge

For installation of service line beyond allowable guidelines (for new residential services only)

\$32.00

NGV Rental

NGV Rental Cylinder (weighted average)

\$12.00

Other Customer Services (ad-hoc request) and Third Party Services (damages investigation and repair)

Labour Hourly Charge-Out Rate

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

\$140.00

Cut Off At Main Charge - Commercial & Special Requests

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

custom quoted

Cut Off At Main Charge - Other Customer Requests

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

\$1,300.00

Meter In-Out (Residential Only))

Relocate the meter from inside to outside per customer request

\$280.00

Request For Service Call Information

Provide written information of the result of a service call as requested by home owners.

\$30.00

Temporary Meter Removal

As requested by customers.

\$280.00

Damage Meter Charge

\$380.00

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APPLICABILITY:

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

IN FRANCHISE TITLE TRANSFER SERVICE:

In any Gas Delivery Agreement between the Company and the Applicant, an Applicant may elect to initiate a transfer of natural gas from one of its pools to the pool of another Applicant for the purposes of reducing an imbalance between the Applicant's deliveries and consumption as recorded in its Banked Gas Account or Cumulative Imbalance Account. Elections must be made in accordance with the Company's policies and procedures related to transaction requests under the Gas Delivery Agreement.

The Company will not apply an Administration charge for transfers between pools that have similar Points of Acceptance (i.e. both Ontario, both Western, or both Dawn Points of Acceptance). For transfers between pools that have dissimilar Points of Acceptance (i.e. one Ontario and one Western Point of Acceptance or, one Western and one Dawn point of Acceptance), the Company will apply the following Administration Charge per transaction to the pool transferring the natural gas (i.e. the seller or transferor).

Administration Charge: \$169.00 per transaction

Also, the applicable average cost of transportation as per Rider A for the transferred volume is charged to the pool with a Western or Dawn Point of Acceptance for transfers to a pool with an Ontario Point of Acceptance. The average cost of transportation as per Rider A for the transferred volume is remitted to the pool with a Western or Dawn Point of Acceptance for transfers from a pool with an Ontario Point of Acceptance. The applicable average cost of transportation as per Rider A is adjusted for transfers between Western and Dawn Points of Acceptance, so that the seller pool (transferor) is charged the applicable cost per volume transferred and the buyer pool or (recipient) is remitted at the applicable cost per volume transferred.

ENHANCED TITLE TRANSFER SERVICE:

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

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

Administration Charge:
 Base Charge \$50.00 per transaction
 Commodity Charge \$0.4441 per 10³m³

Bundled Service Charge:
 The Bundled Service Charge shall be equal to the absolute difference between the Eastern Zone and Southwest Zone Firm Transportation tolls approved by the National Energy Board for TCPL at a 100% Load Factor.

Also, the average cost of transportation as per Rider A for the transferred volume is charged to the Applicant with a Western Point of Acceptance for transfers to another party. The average cost of transportation as per Rider A for the transferred volume is remitted to the Applicant with a Western Point of Acceptance for transfers from another party.

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RIDER: **H**

GAS IN STORAGE TITLE TRANSFER:

An Applicant that holds a contract for storage services under Rate 315 or 316 may elect to initiate a transfer of title to the natural gas currently held in storage between the storage service and another storage service held by the Applicant, or any other Applicant that has contracted with the Company for storage services under Rate 315 or 316. The service will be provided on a firm basis up to the volume of gas that is equivalent to the more restrictive firm withdrawal and injection parameters of the two parties involved in the transfer. Transfer of title at rates above this level may be done on at the Company's discretion.

For Applicants requesting service between two storage service contracts that have like services, each party to the request shall pay an Administration Charge applicable to the request. Services shall be considered to be alike if the injection and deliverability rate at the ratchet levels in effect at the time of the request are the same and both services are firm or both services are interruptible. In addition to like services, the Company, at its sole discretion based on operational conditions, will also allow for the transfer of gas from a storage service contract that has a level of deliverability that is higher than the level of deliverability of the storage service contract the gas is being transferred to with only the Administration Charge being applicable to each party.

In addition to the Administration Charge, Applicants requesting service between two storage service contracts not addressed in the preceding paragraph would be subject to the injection and withdrawal charges specified in their contracts.

Administration Charge: \$25.00 per transaction

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APPLICABILITY:

This Rider is applicable to the Terminal Location of any Applicant who, pursuant to any Rate Schedule, receives gas distribution services from the Company as part of a Community Expansion Project listed below. The System Expansion Surcharge is in addition to the rate charged pursuant to the applicable Rate Schedule.

SYSTEM EXPANSION SURCHARGE: \$0.23/m3

COMMUNITY EXPANSION PROJECTS AND EFFECTIVE DATES:

Community Expansion Project Description	In-service Date	SES initial Term	Board Order Number
Town of Fenelon Falls	TBD	40 years	EB-2017-0147

GLOSSARY OF TERMS:

Community Expansion Project:

- Community Expansion: A natural gas system expansion project which will provide first time natural gas system access where a minimum of 50 potential customers already exist, for which economic feasibility guidelines derive a Profitability Index (PI) of less than 1.0; or
- Small Main Extension: All other forms of distribution system expansion which provide first time natural gas system access to customers where fewer than 50 potential customers in homes and business already exist and where the PI for the project is less than 1.0; and
- A natural gas system expansion project meeting either of the two definitions above that requires the SES and potentially other financing mechanisms in order for project economics to attain a PI of 1.0.

Profitability Index (“PI”):

- The Company’s calculation of the profitability of a System Expansion in accordance with the OEB’s EBO-188 decision and order.

System Expansion:

- Any project conducted by the Company to expand or extend the Gas Distribution Network.

System Expansion Surcharge:

- The surcharge set out in Rider I applied to gas distribution rates for Applicants with Terminal Locations within a Community Expansion Project.

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Rate Class	Federal Carbon Charge (If Applicable) (¢/m ³)	Facility Carbon Charge (¢/m ³)
Rate 1	3.9100	0.0036
Rate 6	3.9100	0.0036
Rate 9	3.9100	0.0036
Rate 100	3.9100	0.0036
Rate 110	3.9100	0.0036
Rate 115	3.9100	0.0036
Rate 125	3.9100	0.0036
Rate 135	3.9100	0.0036
Rate 145	3.9100	0.0036
Rate 170	3.9100	0.0036
Rate 200	0.0000	0.0036
Rate 300	3.9100	0.0036
Rate 300 (Interruptible)	3.9100	0.0036
Rate 315	0.0000	0.0036
Rate 316	0.0000	0.0036
Rate 320	0.0000	0.0000
Rate 325	0.0000	0.0036
Rate 330	0.0000	0.0036
Rate 331	0.0000	0.0036
Rate 332	0.0000	0.0036

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The following charge of one dollar per month is applicable to customers taking service within rate classes listed below.

<u>Rate Class</u>	<u>Monthly Charge per Customer</u>
Rate 1	\$1.00
Rate 6	\$1.00
Rate 100	\$1.00
Rate 110	\$1.00
Rate 115	\$1.00
Rate 125	\$1.00
Rate 135	\$1.00
Rate 145	\$1.00
Rate 170	\$1.00
Rate 300	\$1.00

EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 1 of 1
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**Rate Rider Summary
 October 2019 - QRAM Q4**

Item No.	Description	Sales Service Unit Rate	Western Transportation Service Unit Rate	Ontario Transportation Service Unit Rate	Dawn Transportation Service Unit Rate
		Col. 1 (¢/m ³)	Col. 2 (¢/m ³)	Col. 3 (¢/m ³)	Col. 4 (¢/m ³)
1.	Rate 1	0.8674	0.2133	0.3367	0.3367
2.	Rate 6	0.8451	0.1940	0.3174	0.3174
3.	Rate 9	0.8451	0.1940	0.3174	0.3174
4.	Rate 100	0.8451	0.1940	0.3174	0.3174
5.	Rate 110	0.3657	(0.0417)	0.0817	0.0817
6.	Rate 115	0.2734	(0.1010)	0.0224	0.0224
7.	Rate 135	0.2510	(0.1234)	0.0000	0.0000
8.	Rate 145	0.6461	0.0508	0.1742	0.1742
9.	Rate 170	0.5224	(0.0453)	0.0781	0.0781
10.	Rate 200	0.8927	0.2032	0.3266	0.3266

**Summary of Commodity Rider
 October 2019 - QRAM Q4**

Item No.	Description	Commodity	Inventory	Total
		Unit Rate	Adjustment	Commodity
		Col. 1	Col. 2	Col. 3
		(¢/m ³)	(¢/m ³)	(¢/m ³)
1.	Rate 1	0.3744	0.2797	0.6541
2.	Rate 6	0.3744	0.2767	0.6511
3.	Rate 9	0.0000	0.0000	0.0000
4.	Rate 100	0.0000	0.0000	0.0000
5.	Rate 110	0.3744	0.0330	0.4074
6.	Rate 115	0.3744	0.0000	0.3744
7.	Rate 135	0.3744	0.0000	0.3744
8.	Rate 145	0.3744	0.2209	0.5953
9.	Rate 170	0.3744	0.1933	0.5677
10.	Rate 200	0.3744	0.3151	0.6895

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

**Summary of Transportation Rider
October 2019 - QRAM Q4**

<u>Item No.</u>	<u>Description</u>	<u>Total Transportation Unit Rate</u> Col. 1 (¢/m ³)
1.	Rate 1	(0.1234)
2.	Rate 6	(0.1234)
3.	Rate 9	0.0000
4.	Rate 100	0.0000
5.	Rate 110	(0.1234)
6.	Rate 115	(0.1234)
7.	Rate 135	(0.1234)
8.	Rate 145	(0.1234)
9.	Rate 170	(0.1234)
10.	Rate 200	(0.1234)

**Summary for Load Balancing Rider
 October 2019 - QRAM Q4**

Item No.	Description	Peaking Supplies Unit Rate Col. 1 (¢/m ³)	Delivered Supplies Unit Rate Col. 2 (¢/m ³)	Curtailement Revenue Unit Rate Col. 3 (¢/m ³)	Total Load Balancing Unit Rate Col. 4 (¢/m ³) ⁽¹⁾
1.	Rate 1	(0.0295)	0.3662	0.0000	0.3367
2.	Rate 6	(0.0228)	0.3402	0.0000	0.3174
3.	Rate 9	0.0000	0.0000	0.0000	0.0000
4.	Rate 100	0.0000	0.0000	0.0000	0.0000
5.	Rate 110	0.0000	0.0817	0.0000	0.0817
6.	Rate 115	(0.0008)	0.0232	0.0000	0.0224
7.	Rate 135	0.0000	0.0000	0.0000	0.0000
8.	Rate 145	0.0000	0.1742	0.0000	0.1742
9.	Rate 170	0.0000	0.0781	0.0000	0.0781
10.	Rate 200	(0.0121)	0.3387	0.0000	0.3266

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

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

Item No.	Description	Year 2018				Year 2019				Total Unit Rate Col. 6 (\$/m ³)
		October Q4 Col. 1 (\$/m ³)	January Q1 Col. 2 (\$/m ³)	April Q2 Col. 3 (\$/m ³)	July Q3 Col. 4 (\$/m ³)	October Q4 Col. 5 (\$/m ³)				
1	Rate 1	(0.1073)	(0.4319)	0.0035	0.2759	0.4321	0.2797			
2	Rate 6	(0.1075)	(0.4273)	0.0035	0.2730	0.4275	0.2767			
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
5	Rate 110	(0.0113)	(0.0510)	0.0004	0.0326	0.0510	0.0330			
6	Rate 115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
8	Rate 145	(0.0456)	(0.3410)	0.0028	0.2179	0.3412	0.2209			
9	Rate 170	(0.0562)	(0.2985)	0.0024	0.1907	0.2986	0.1933			
10	Rate 200	(0.1198)	(0.4866)	0.0040	0.3109	0.4868	0.3151			

Notes: (1) EB-2018-0249, Exhibit Q4-3, Tab 4, Schedule 8, Page 11
 (2) EB-2018-0313, Exhibit Q1-3, Tab 4, Schedule 8, Page 11
 (3) EB-2019-0095, Exhibit C, Tab 4, Schedule 8, Page 11
 (4) EB-2019-0155, Exhibit C, Tab 4, Schedule 8, Page 11
 (5) EB-2019-0193, Exhibit C, Tab 4, Schedule 8, Page 11
 (6) Col. 6 = Col. 2 + Col. 3 + Col. 4 + Col. 5

ENBRIDGE GAS DISTRIBUTION INC.
Unit Rates for Component: Commodity

Item No.	Description	Year 2018				Year 2019				Total Unit Rate ⁽⁶⁾ (\$/m ³)
		October Q4 Col. 1 (\$/m ³)	January Q1 Col. 2 (\$/m ³)	April Q2 Col. 3 (\$/m ³)	July Q3 Col. 4 (\$/m ³)	October Q4 Col. 5 (\$/m ³)				
1	Rate 1	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
2	Rate 6	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
5	Rate 110	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
6	Rate 115	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
7	Rate 135	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
8	Rate 145	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
9	Rate 170	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			
10	Rate 200	0.6469	0.6515	0.4496	(0.2535)	(0.4733)	0.3744			

Notes: (1) EB-2018-0249, Exhibit Q4-3, Tab 4, Schedule 8, Page 12
 (2) EB-2018-0313, Exhibit Q1-3, Tab 4, Schedule 8, Page 12
 (3) EB-2019-0095, Exhibit C, Tab 4, Schedule 8, Page 12
 (4) EB-2019-0155, Exhibit C, Tab 4, Schedule 8, Page 12
 (5) EB-2019-0193, Exhibit C, Tab 4, Schedule 8, Page 12
 (6) Col. 6 = Col. 2 + Col. 3 + Col. 4 + Col. 5

ENBRIDGE GAS DISTRIBUTION INC.
Unit Rates for Component: Transportation

Item No.	Description	Year 2018				Year 2019				Total Unit Rate ⁽⁶⁾ (€/m ³)
		October	January	April	July	October	January	April	July	
		Col. 1 (€/m ³)	Col. 2 (€/m ³)	Col. 3 (€/m ³)	Col. 4 (€/m ³)	Col. 5 (€/m ³)	Col. 6 (€/m ³)	Col. 7 (€/m ³)	Col. 8 (€/m ³)	
1	Rate 1	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
2	Rate 6	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	Rate 110	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
6	Rate 115	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
7	Rate 135	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
8	Rate 145	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
9	Rate 170	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)
10	Rate 200	(0.0019)	0.0474	(0.1173)	(0.0178)	(0.0356)	(0.1234)	(0.0178)	(0.0356)	(0.1234)

Notes: (1) EB-2018-0249, Exhibit Q4-3, Tab 4, Schedule 8, Page 13
 (2) EB-2018-0313, Exhibit Q1-3, Tab 4, Schedule 8, Page 13
 (3) EB-2019-0095, Exhibit C, Tab 4, Schedule 8, Page 13
 (4) EB-2019-0155, Exhibit C, Tab 4, Schedule 8, Page 13
 (5) EB-2019-0193, Exhibit C, Tab 4, Schedule 8, Page 13
 (6) Col. 6 = Col. 2 + Col. 3 + Col. 4 + Col. 5

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

Item No.	Description	Year 2018				Year 2019				Total Unit Rate Col. 6 (¢/m ³)
		October Q4 Col. 1 (¢/m ³)	January Q1 Col. 2 (¢/m ³)	April Q2 Col. 3 (¢/m ³)	July Q3 Col. 4 (¢/m ³)	October Q4 Col. 5 (¢/m ³)				
1	Rate 1	0.0000	0.0023	(0.0345)	0.0027	0.0000	(0.0295)			
2	Rate 6	0.0000	0.0017	(0.0267)	0.0021	0.0000	(0.0228)			
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
5	Rate 110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
6	Rate 115	0.0000	0.0001	(0.0009)	0.0001	0.0000	(0.0008)			
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
8	Rate 145	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
9	Rate 170	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
10	Rate 200	0.0000	0.0009	(0.0141)	0.0011	0.0000	(0.0121)			

Notes: (1) EB-2018-0249, Exhibit Q4-3, Tab 4, Schedule 8, Page 14
 (2) EB-2018-0313, Exhibit Q1-3, Tab 4, Schedule 8, Page 14
 (3) EB-2019-0095, Exhibit C, Tab 4, Schedule 8, Page 14
 (4) EB-2019-0155, Exhibit C, Tab 4, Schedule 8, Page 14
 (5) EB-2019-0193, Exhibit C, Tab 4, Schedule 8, Page 14
 (6) Col. 6 = Col. 2 + Col. 3 + Col. 4 + Col. 5

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

Item No.	Description	Year 2018				Year 2019				Total Unit Rate Col. 6 (¢/m ³)
		October Q4 Col. 1 (¢/m ³)	January Q1 Col. 2 (¢/m ³)	April Q2 Col. 3 (¢/m ³)	July Q3 Col. 4 (¢/m ³)	October Q4 Col. 5 (¢/m ³)				
1	Rate 1	0.1349	0.4718	(0.2138)	0.1118	(0.0036)	0.3662			
2	Rate 6	0.1275	0.4384	(0.1986)	0.1039	(0.0034)	0.3402			
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
5	Rate 110	0.0292	0.1053	(0.0477)	0.0249	(0.0008)	0.0817			
6	Rate 115	0.0104	0.0299	(0.0135)	0.0071	(0.0002)	0.0232			
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
8	Rate 145	0.0656	0.2244	(0.1017)	0.0532	(0.0017)	0.1742			
9	Rate 170	0.0288	0.1006	(0.0456)	0.0238	(0.0008)	0.0781			
10	Rate 200	0.1242	0.4364	(0.1977)	0.1034	(0.0034)	0.3387			

Notes: (1) EB-2018-0249, Exhibit Q4-3, Tab 4, Schedule 8, Page 16
 (2) EB-2018-0313, Exhibit Q1-3, Tab 4, Schedule 8, Page 16
 (3) EB-2019-0095, Exhibit C, Tab 4, Schedule 8, Page 16
 (4) EB-2019-0155, Exhibit C, Tab 4, Schedule 8, Page 16
 (5) EB-2019-0193, Exhibit C, Tab 4, Schedule 8, Page 16
 (6) Col. 6 = Col. 2 + Col. 3 + Col. 4 + Col. 5

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

Item No.	Description	Year 2018				Year 2019				Total Unit Rate Col. 6 (¢/m ³)
		October Q4 Col. 1 (¢/m ³)	January Q1 Col. 2 (¢/m ³)	April Q2 Col. 3 (¢/m ³)	July Q3 Col. 4 (¢/m ³)	October Q4 Col. 5 (¢/m ³)				
1	Rate 1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	Rate 6	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	Rate 9	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	Rate 100	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	Rate 110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	Rate 115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	Rate 135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	Rate 145	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	Rate 170	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	Rate 200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Notes: (1) EB-2018-0249, Exhibit Q4-3, Tab 4, Schedule 8, Page 15
 (2) EB-2018-0313, Exhibit Q1-3, Tab 4, Schedule 8, Page 15
 (3) EB-2019-0095, Exhibit C, Tab 4, Schedule 8, Page 15
 (4) EB-2019-0155, Exhibit C, Tab 4, Schedule 8, Page 15
 (5) EB-2019-0193, Exhibit C, Tab 4, Schedule 8, Page 15
 (6) Col. 6 = Col. 2 + Col. 3 + Col. 4 + Col. 5

**Derivation of Gas in Inventory Revaluation Unit Rates
 October 2019 - QRAM Q4**

Item No	Description	Forecast Volumes					Inventory Revaluation Rate Class Col. 4 (\$)	Inventory Revaluation Unit Rate Col. 5 (\$/m ³)
		October 2019 - September 2019 (12 months volume) Col. 1 (m ³)	% Allocation (1) Col. 2 (%)	Inventory Revaluation Col. 3 (\$)	Inventory Revaluation Rate Class Col. 4 (\$)	Inventory Revaluation Unit Rate Col. 5 (\$/m ³)		
1.	Rate 1 System and Buy/sell	4,800,950,927	58.91%		20,744,915	0.4321		
2.	Rate 6 System and Buy/sell	3,196,980,110	38.81%		13,666,474	0.4275		
3.	Rate 9 System and Buy/sell	-	0.00%		0	-		
4.	Rate 100 System and Buy/sell	-	0.00%		0	-		
5.	Rate 110 System and Buy/sell	75,041,978	0.11%	38,281	0.0510			
6.	Rate 115 System and Buy/sell	-	0.00%	0	-			
7.	Rate 135 System and Buy/sell	3,180,903	0.00%	0	-			
8.	Rate 145 System and Buy/sell	7,138,452	0.07%	24,356	0.3412			
9.	Rate 170 System and Buy/sell	34,767,942	0.29%	103,823	0.2986			
10.	Rate 200 System and Buy/sell	131,083,100	1.81%	638,149	0.4868			
11.	Grand Total	8,249,143,412	100.00%	35,215,999	35,215,999			

Notes: (1) Space less T-service allocation factor
 (2) EB-2019-0193, Exhibit C, Tab 1, Schedule 3, Page 1, Line 27, Col. 6 + Page 2, Line 13, Col. 9
 (3) Col. 4 = Col. 2 * 35215999 (Inventory Revaluation)
 (4) Col. 5 = Col. 4 / Col. 1

**Derivation of Commodity Unit Rates
 October 2019 - QRAM Q4**

Item No	Description	Forecast Volumes		% Allocation (1)	Commodity Total for Clearing (2)	Commodity Valuation Rate Class (3)	Commodity Unit Rate (4)
		October 2019 - September 2019 (12 months volume)	Col. 1 (m ³)				
1.	Rate 1	System and Buy/sell	4,800,950,927	58.20%	(22,722,764)	(0.4733)	(0.4733)
2.	Rate 6	System and Buy/sell	3,196,980,110	38.76%	(15,131,216)	(0.4733)	(0.4733)
3.	Rate 9	System and Buy/sell	-	0.00%	0	-	-
4.	Rate 100	System and Buy/sell	-	0.00%	0	-	-
5.	Rate 110	System and Buy/sell	75,041,978	0.91%	(355,172)	(0.4733)	(0.4733)
6.	Rate 115	System and Buy/sell	-	0.00%	0	-	-
7.	Rate 135	System and Buy/sell	3,180,903	0.04%	(15,055)	(0.4733)	(0.4733)
8.	Rate 145	System and Buy/sell	7,138,452	0.09%	(33,786)	(0.4733)	(0.4733)
9.	Rate 170	System and Buy/sell	34,767,942	0.42%	(164,556)	(0.4733)	(0.4733)
10.	Rate 200	System and Buy/sell	131,083,100	1.59%	(620,413)	(0.4733)	(0.4733)
11.	Grand Total		8,249,143,412	100.00%	<u>(39,042,960)</u>	<u>(39,042,960)</u>	

Notes: (1) Annual Sales allocation factor. EB-2019-0193, Exhibit C, Tab 3, Schedule 4, Page 1
 (2) EB-2019-0193, Exhibit C, Tab 1, Schedule 2, Page 1, Line 13, Col. 9 + Page 5, Line 13, Col. 9
 (3) Col. 4 = Col. 2 * -39042960 (Commodity)
 (4) Col. 5 = Col. 4 / Col. 1

**Derivation of Transportation Unit Rates
 October 2019 - QRAM Q4**

Item No	Description	Forecast Volumes		Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (€/m³)
		October 2019 - September 2019 (12 months volume)	October 2019 - September 2019 (12 months volume)				
1.	Rate 1 System, Buy/sell, WTS	4,831,331,467	4,831,331,467	55.68%	(1,720,096)	(1,720,096)	(0.0356)
2.	Rate 6 System, Buy/sell, WTS	3,496,617,413	3,496,617,413	40.30%	(1,244,899)	(1,244,899)	(0.0356)
3.	Rate 9 System, Buy/sell, WTS	-	-	0.00%	0	0	-
4.	Rate 100 System, Buy/sell, WTS	-	-	0.00%	0	0	-
5.	Rate 110 System, Buy/sell, WTS	157,113,186	157,113,186	1.81%	(55,937)	(55,937)	(0.0356)
6.	Rate 115 System, Buy/sell, WTS	-	-	0.00%	0	0	-
7.	Rate 135 System, Buy/sell, WTS	16,854,085	16,854,085	0.19%	(6,001)	(6,001)	(0.0356)
8.	Rate 145 System, Buy/sell, WTS	8,417,433	8,417,433	0.10%	(2,997)	(2,997)	(0.0356)
9.	Rate 170 System, Buy/sell, WTS	34,767,942	34,767,942	0.40%	(12,378)	(12,378)	(0.0356)
10.	Rate 200 System, Buy/sell, WTS	131,083,100	131,083,100	1.51%	(46,669)	(46,669)	(0.0356)
11.	Grand Total	8,676,184,626	8,676,184,626	100.00%	<u>(3,088,977)</u>	<u>(3,088,977)</u>	

Notes: (1) Bundled Transportation Deliveries allocation factor. EB-2019-0193, Exhibit C, Tab 3, Schedule 4, Page 1
 (2) EB-2019-0193, Exhibit C, Tab 1, Schedule 2, Page 1, Line 13, Col. 10 + Page 6, Line 13, Col. 9
 (3) Col. 4 = Col. 2 * -3088977 (Transportation)
 (4) Col. 5 = Col. 4 / Col. 1

**Derivation of Peaking Supplies Unit Rates
 October 2019 - QRAM Q4**

Item No	Description	Forecast Volumes		Peaking Supplies Total for Clearing	Peaking Supplies Valuation Rate Class	Peaking Supplies Unit Rate
		October 2019 - September 2019 (12 months volume)	% Allocation			
		Col. 1 (m ³)	Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (¢/m ³)
1.	Rate 1 System, Buy/sell, WTS, OTS, DTS	4,933,563,133	55.89%	0	0	-
2.	Rate 6 System, Buy/sell, WTS, OTS, DTS	4,923,605,917	43.16%	0	0	-
3.	Rate 9 System, Buy/sell, WTS, OTS, DTS	-	0.00%	0	0	-
4.	Rate 100 System, Buy/sell, WTS, OTS, DTS	-	0.00%	0	0	-
5.	Rate 110 System, Buy/sell, WTS, OTS, DTS	846,266,000	0.00%	0	0	-
6.	Rate 115 System, Buy/sell, WTS, OTS, DTS	466,558,921	0.13%	0	0	-
7.	Rate 135 System, Buy/sell, WTS, OTS, DTS	64,744,339	0.00%	0	0	-
8.	Rate 145 System, Buy/sell, WTS, OTS, DTS	45,648,720	0.00%	0	0	-
9.	Rate 170 System, Buy/sell, WTS, OTS, DTS	322,394,061	0.00%	0	0	-
10.	Rate 200 System, Buy/sell, WTS, OTS, DTS	174,808,400	0.81%	0	0	-
11.	Grand Total	11,777,589,490	100.00%	0	0	-

Notes: (1) Deliverability allocation factor. EB-2019-0193, Exhibit C, Tab 3, Schedule 4, Page 1, Line 3.1
 (2) EB-2019-0193, Exhibit C, Tab 1, Schedule 2, Page 1, Line 13, Col. 12
 (3) Col. 4 = Col. 2 * 0 (Peaking Supplies)
 (4) Col. 5 = Col. 4 / Col. 1

**Derivation of Curtailment Revenue Unit Rates
 October 2019 - QRAM Q4**

Item No	Description	Forecast Volumes		Curtailment Revenue Total for Clearing	% Allocation	Curtailment Revenue Valuation Rate Class	Curtailment Revenue Unit Rate
		October 2019 - September 2019 (12 months volume)	October 2019 - September 2019 (12 months volume)				
		Col. 1 (m ³)	Col. 2 (%)	Col. 3 (\$)	Col. 4 (\$)	Col. 5 (¢/m ³)	Col. 5 (¢/m ³)
1.	Rate 1 System, Buy/sell, WTS, OTS, DTS	4,933,563,133	55.89%	0	0	-	-
2.	Rate 6 System, Buy/sell, WTS, OTS, DTS	4,923,605,917	43.16%	0	0	-	-
3.	Rate 9 System, Buy/sell, WTS, OTS, DTS	-	0.00%	0	0	-	-
4.	Rate 100 System, Buy/sell, WTS, OTS, DTS	-	0.00%	0	0	-	-
5.	Rate 110 System, Buy/sell, WTS, OTS, DTS	846,266,000	0.00%	0	0	-	-
6.	Rate 115 System, Buy/sell, WTS, OTS, DTS	466,558,921	0.13%	0	0	-	-
7.	Rate 135 System, Buy/sell, WTS, OTS, DTS	64,744,339	0.00%	0	0	-	-
8.	Rate 145 System, Buy/sell, WTS, OTS, DTS	45,648,720	0.00%	0	0	-	-
9.	Rate 170 System, Buy/sell, WTS, OTS, DTS	322,394,061	0.00%	0	0	-	-
10.	Rate 200 System, Buy/sell, WTS, OTS, DTS	174,808,400	0.81%	0	0	-	-
11.	Grand Total	11,777,589,490	100.00%	0	0	-	-

Notes: (1) Deliverability allocation factor. EB-2019-0193, Exhibit C, Tab 3, Schedule 4, Page 1, Line 3.1
 (2) EB-2019-0193, Exhibit C, Tab 1, Schedule 2, Page 8, Line 1, Col. 1
 (3) Col. 4 = Col. 2 * 0 (Curtailment Revenue)
 (4) Col. 5 = Col. 4 / Col. 1

**Derivation of Delivered Supplies Unit Rates
 October 2019 - QRAM Q4**

Item No	Description	Forecast Volumes		Delivered Supplies Total for Clearing Col. 3 (\$)	Delivered Supplies Valuation Rate Class Col. 4 (\$)	Delivered Supplies Unit Rate Col. 5 (¢/m ³)
		October 2019 - September 2019 (12 months volume) Col. 1 (m ³)	October 2019 - September 2019 (12 months volume) Col. 2 (%)			
1.	Rate 1 System, Buy/sell, WTS, OTS, DTS	4,933,563,133	49.44%	(179,936)	(179,936)	(0.0036)
2.	Rate 6 System, Buy/sell, WTS, OTS, DTS	4,923,605,917	45.84%	(166,835)	(166,835)	(0.0034)
3.	Rate 9 System, Buy/sell, WTS, OTS, DTS	-	0.00%	0	0	-
4.	Rate 100 System, Buy/sell, WTS, OTS, DTS	-	0.00%	0	0	-
5.	Rate 110 System, Buy/sell, WTS, OTS, DTS	846,266,000	1.89%	(6,886)	(6,886)	(0.0008)
6.	Rate 115 System, Buy/sell, WTS, OTS, DTS	466,558,921	0.30%	(1,078)	(1,078)	(0.0002)
7.	Rate 135 System, Buy/sell, WTS, OTS, DTS	64,744,339	0.00%	0	0	-
8.	Rate 145 System, Buy/sell, WTS, OTS, DTS	45,648,720	0.22%	(792)	(792)	(0.0017)
9.	Rate 170 System, Buy/sell, WTS, OTS, DTS	322,394,061	0.69%	(2,507)	(2,507)	(0.0008)
10.	Rate 200 System, Buy/sell, WTS, OTS, DTS	174,808,400	1.62%	(5,896)	(5,896)	(0.0034)
11.	Grand Total	11,777,589,490	100.00%	(363,930)	(363,930)	

Notes: (1) Space factor. EB-2019-0193, Exhibit C, Tab 3, Schedule 4, Page 1
 (2) EB-2019-0193, Exhibit C, Tab 1, Schedule 2, Page 1, Line 13, Col. 11 + Page 7, Line 13, Col. 9
 (3) Col. 4 = Col. 2 * -363930 (Delivered Supplies)
 (4) Col. 5 = Col. 4 / Col. 1

GAS SUPPLY

INTRODUCTION AND OVERVIEW

1. The purpose of this evidence is to set deferral account reference prices to reflect Union rate zones' gas cost forecast for the 12-month period commencing October 1, 2019 pursuant to the Quarterly Rate Adjustment Mechanism ("QRAM") as approved by the Board.

CURRENT GAS MARKET OUTLOOK

2. The NYMEX strip has decreased by \$0.367 (US\$/mmbtu) or approximately 13% since the Board-approved July 1, 2019 QRAM filing (EB-2019-0155). The foreign exchange has weakened (Canadian dollar strengthened) from \$1.34 to \$1.325 over the same period.
3. The Empress basis has changed from negative \$0.700 (US\$/mmbtu) to negative \$0.594(US\$/mmbtu) and the Dawn basis has changed from negative \$0.091 (US\$/mmbtu) to negative \$0.031 (US\$/mmbtu). The calculation of the Alberta Border Reference Price and the Dawn Reference Price is shown at Exhibit E, Tab 1, Schedule 1.
4. For further information on Market Dynamics please refer to Exhibit B, Tab 1, Schedule 1.

PRICING

Alberta Border Reference Price

5. The Board-approved method for calculating the Alberta Border Reference Price uses the 21-day average of the twelve month NYMEX strip. The NYMEX strip used in this application is for October 2019 to September 2020. The one-year

Witnesses: N. Brunner
K. Vince

NYMEX strip is converted to an Alberta Border Reference Price by taking into account the Empress-NYMEX basis and the foreign exchange rate for the October 2019 to September 2020 period (see Exhibit E, Tab 1, Schedule 1 for the details of this calculation).

6. Based on the approved method, the Alberta Border Reference Price for the period October 1, 2019 to September 30, 2020 is \$2.341/GJ. This represents a decrease of \$0.30/GJ from the Alberta Border Reference Price of \$2.641/GJ last approved by the Board in EB-2019-0155.
7. The Alberta Border Reference Price will be the reference price for the North West PGVA (Account No. 179-147). It will also be the reference price for the Spot Gas Variance Account (Account No. 179-107) for incremental purchases made at Empress.

Dawn Reference Price

8. The approved method for calculating the Dawn Reference Price also uses the 21-day average of the twelve month NYMEX strip. The NYMEX strip used in this application is for October 2019 to September 2020. The one-year NYMEX strip is converted to a Dawn Reference Price by taking into account the Dawn-NYMEX basis and the foreign exchange rate for the October 2019 to September 2020 period (see Exhibit E, Tab 1, Schedule 1 for the details of this calculation).
9. Based on the approved method, the Dawn Reference Price for the period October 1, 2019 to September 30, 2020 is \$2.922/GJ. This represents a decrease of \$0.419/GJ from the Dawn Reference Price of \$3.341/GJ last approved by the Board in EB-2019-0155.

Witnesses: N. Brunner
K. Vince

10. The Dawn Reference Price will be the reference price for the North East PGVA (Account No. 179-148). The Dawn Reference Price will also be the reference price for the South Purchased Gas Variance Account ("SPGVA") (Account No. 179-106) and the Spot Gas Variance Account (Account No. 179-107), for incremental purchases made at Dawn.

DEFERRAL ACCOUNT ADJUSTMENTS

10. To ensure that there is continued alignment between the QRAM deferral account schedules and Enbridge Gas' financial records, a reconciliation of each deferral account occurs on a monthly basis and any adjustments are included in the QRAM deferral account schedules.

PROSPECTIVE RECOVERY OF DEFERRAL ACCOUNT BALANCES

11. The deferral account balances as of October 1, 2019, are based on the actual and forecast gas costs for the period October 1, 2018 to September 30, 2019 as compared to the reference prices approved each quarter in the QRAM for Union's rate zones. In addition, the prospective recovery of deferral account balances will include forecast variances for the period October 1, 2019 to September 30, 2020.
12. Deferral account balances relating to the North PGVA, North Tolls and Fuel, South PGVA, Inventory Revaluation, and Spot Gas accounts are provided in the following schedules attached to this evidence:
 - Union North West PGVA Account (Account No. 179-147) as identified in Exhibit E, Tab 1, Schedule 2, Page 2;
 - Union North East PGVA Account (Account No. 179-148) as identified in Exhibit E, Tab 1, Schedule 2, Page 3;

Witnesses: N. Brunner
K. Vince

- Union North West Transportation and Fuel Account (Account No. 179-145) as identified in Exhibit E, Tab 1, Schedule 2, Page 4;
- Union North East Transportation and Fuel Account (Account No. 179-146) as identified in Exhibit E, Tab 1, Schedule 2, Page 4;
- Union South PGVA Account (Account No. 179-106) as identified in Exhibit E, Tab 1, Schedule 2, Page 5;
- Inventory Revaluation Account (Account No. 179-109) as identified in Exhibit E, Tab 1, Schedule 2, Page 6; and
- Spot Gas Variance Account (Account No. 179-107) as identified in Exhibit E, Tab 1, Schedule 2, Page 7.

UNABSORBED DEMAND COST (“UDC”) ACCOUNT

13. The joint Unabsorbed Demand Costs Account balance is not prospectively recovered, in accordance with the current Board-approved QRAM process. Enbridge Gas will dispose of any deferral account balances for Union rate zones through the annual deferral account disposition process.

Witnesses: N. Brunner
K. Vince

RATE DESIGN – QUARTERLY RATE ADJUSTMENT MECHANISM

1. The purpose of this evidence is to address proposed changes to Union North and Union South gas supply commodity, gas transportation, storage, and delivery rates effective October 1, 2019.
2. The proposed changes to rates (Appendix A), rate schedules (Appendix B), and the summary of interruptible rate changes (Appendix C) are provided at Exhibit E, Tab 2, Schedule 7.
3. The calculation of supplemental service charges is provided at Exhibit E, Tab 2, Schedule 6.

Gas Supply Commodity Rates

4. The gas supply commodity rates for Union South and Union North East are set based on the Dawn Reference Price, which decreased to \$2.922/GJ (11.3900 cents/m³), per Exhibit E, Tab 1, Schedule 1, line 12. The gas commodity rates for Union North West are set based on the Alberta Border Reference Price, which decreased to \$2.341/GJ (9.1252 cents/m³), per Exhibit E, Tab 1, Schedule 1, line 7. The proposed October 1, 2019 prices reflect the heat value conversion factor of 38.98 GJ/10³m³. The gas supply commodity unit rate changes applicable to Union South and Union North operating areas are provided at Exhibit E, Tab 2, Schedule 1.

Union North Gas Transportation and Storage Rates

5. Union North transportation and storage rates are updated each quarter for changes in upstream transportation tolls and changes in the reference prices used

Witnesses: A. Mikhaila
R. Stevenson

to calculate the upstream compressor fuel requirements. The Union North transportation and storage unit rate changes are provided at Exhibit E, Tab 2, Schedule 2, page 1.

6. On June 18, 2019, the National Energy Board approved the abandonment surcharges TransCanada charges for firm transportation services on the mainline effective July 1, 2019. The impacts of these toll changes are reflected in the Union North tolls and fuel deferral accounts for the July to September period and in Union North storage and transportation rates effective October 1, 2019.
7. The compressor fuel requirements from Empress to the respective delivery areas are set based on the Alberta Border Reference Price, which decreased to \$2.341/GJ (9.1252 cents/m³). The compressor fuel requirements from Dawn or Parkway to the respective delivery areas are set based on the Dawn Reference Price, which decreased to \$2.922/GJ (11.3900 cents/m³).
8. The changes to upstream tolls and the reference prices used to calculate the compressor fuel requirements decreases the Union North total annual gas supply transportation and storage costs by \$2.043 million. The total decrease to Union North annual gas supply transportation and storage costs is as shown at Exhibit E, Tab 2, Schedule 2, page 2.
9. Consistent with Board-approved methodology, the cost changes are allocated to rate classes in proportion to the approved 2013 allocation of Union North storage and transportation costs, as provided at Exhibit E, Tab 2, Schedule 2, page 3.

Witnesses: A. Mikhaila
R. Stevenson

Cost of Gas in Delivery Rates

10. Delivery rates are updated each quarter for changes to the reference price used to calculate compressor fuel, unaccounted for gas and inventory carrying costs. The unit rate changes included in delivery rates are provided at Exhibit E, Tab 2, Schedule 3.
11. Per the July 1, 2019 QRAM (EB-2019-0155), the cost of gas previously included in Union South and Union North delivery rates was 13.0232 cents/m³ based on the Dawn Reference Price. Effective October 1, 2019, the cost of gas included in delivery rates is 11.3900 cents/m³, which represents a decrease of 1.6332 cents/m³.
12. Consistent with Board-approved methodology, the change in the cost of gas in delivery rates is allocated to rate classes in proportion to the approved 2013 allocation of compressor fuel, unaccounted for gas and inventory carrying costs.

Rate Riders

13. In addition to the forecast reference price changes identified above, changes to previously approved rate riders are required to reflect quarterly updates to gas cost deferral account balances. Each quarter Enbridge Gas projects the balance expected in each Union rate zone gas cost deferral account over the next 12-month period. In addition, Enbridge Gas tracks recovery variances (differences between what Enbridge Gas intended to recover in previous rate riders and what was actually recovered). Each quarter Enbridge Gas includes that variance in the rate riders established for the next 12-month period. Rates are changed every quarter to reflect updated projected deferral account balances and historical recovery variances.

Witnesses: A. Mikhaila
R. Stevenson

14. A summary of deferral account activity and proposed rate rider unit rate changes are provided at Exhibit E, Tab 2, Schedule 4, pages 1 to 2. Projected deferral account balances (line 3) are compared to previously projected balances (line 7) in each gas cost deferral account and variances are identified (line 8). In addition, the difference between what was actually recovered in previous rate riders and what Enbridge Gas intended to recover is identified (line 11). This is the difference between forecast and actual volumes (last six months of actual volumes) multiplied by the previously approved rate riders. The net amount to be recovered prospectively (line 12) is the amount which has not been included in rate riders to date. The unit rate rider in the current QRAM (line 14) is the net amount in each gas cost deferral account prospectively recovered over forecast consumption in the next 12 months (line 13).
15. In total, the change in gas cost-related deferrals in the current QRAM is a net decrease of \$1.657 million. This amount excludes the balance in the joint Unabsorbed Demand Costs Deferral Account (Deferral Account No. 179-108) which is not prospectively recovered as per the current approved QRAM process.
16. Exhibit E, Tab 2, Schedule 4, pages 1 to 2, line 20 shows the net prospective rider for each deferral account for the current QRAM period. The net prospective rider reflects the unit rate change calculated at Exhibit E, Tab 2, Schedule 4, pages 1 to 2, line 21. The net prospective rider includes: (i) the introduction of the unit rate change and (ii) the elimination of expiring riders which have been in place for 12 months.
17. The unit rates for prospective recovery of the gas cost deferral accounts are summarized at Exhibit E, Tab 2, Schedule 4, page 3.

Witnesses: A. Mikhaila
R. Stevenson

Customer Bill Impacts

18. General service annual customer bill impacts, including the prospective recovery of gas cost deferral account balances are provided at Exhibit E, Tab 2, Schedule 5. The bill impacts reflect (i) the introduction of October 1, 2019 proposed QRAM changes detailed above, and (ii) the elimination of expiring October 1, 2018 prospective QRAM riders.
19. For Rate M1 residential customers in Union South with annual consumption of 2,200 m³, the bill impact is a net decrease of \$65.77 per year for sales service customers and a net decrease of \$0.65 for bundled direct purchase customers.
20. For Rate 01 residential customers in Union North West with annual consumption of 2,200 m³, the bill impact is a net decrease of \$23.47 per year for sales service customers and a net decrease of \$8.60 for bundled direct purchase customers. For Rate 01 residential customers in Union North East with annual consumption of 2,200 m³, the bill impact is a net decrease of \$70.82 per year for sales service customers and a net decrease of \$4.21 for bundled direct purchase customers.

Customer Notices

21. Customer notices that accompany the October 1, 2019 bills will reflect approved rates in this proceeding compared with the current approved rates in the 2019 Federal Carbon Pricing Program (EB-2018-0205) proceeding effective August 1, 2019.
22. In addition, October 1, 2019 rates will reflect the rate adjustments in Enbridge Gas's 2016-2018 Cap-and-Trade Deferral & Variance Account Disposition (EB-2018-0331) Draft Rate Order, filed on August 30, 2019.

Witnesses: A. Mikhaila
R. Stevenson

UNION GAS LIMITED
 Calculation of Alberta Border and Dawn Reference Prices
 For the 12 month period ending September 30, 2020

Line No.	Particulars	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Total or Average
	Days	31	30	31	31	29	31	30	31	30	31	31	30	366
1	NYMEX 21 Day Average (US\$/MMBtu)	2.186	2.250	2.432	2.546	2.519	2.449	2.271	2.257	2.296	2.338	2.347	2.329	2.352
2	Foreign Exchange	1.327	1.326	1.326	1.325	1.325	1.325	1.325	1.325	1.325	1.325	1.325	1.325	1.325
	Calculation of Alberta Border Reference Price													
3	Empress Basis (US\$/MMBtu)	(0.640)	(0.431)	(0.407)	(0.531)	(0.473)	(0.532)	(0.614)	(0.649)	(0.711)	(0.716)	(0.731)	(0.690)	(0.594)
4	Alberta Border (Cdn\$/GJ)	1.944	2.287	2.546	2.531	2.571	2.407	2.081	2.020	1.990	2.036	2.029	2.059	2.208
5	Forecast Purchase Volume - Union North West (PJ's)	2.02	1.92	1.98	1.98	1.85	1.98	1.08	0.43	0.01	0.01	0.01	0.01	13.26
6	Cost at Market Price (\$000's) (line 4 * line 5)	3,921	4,380	5,038	5,009	4,759	4,764	2,240	869	17	18	18	17	31,049
7	Alberta Border Reference Price (Cdn\$/GJ) (line 6 / line 5)	1.944	2.287	2.546	2.531	2.571	2.407	2.081	2.020	1.990	2.036	2.029	2.059	<u>2.341</u>
	Calculation of Dawn Reference Price													
8	Dawn Basis (US\$/MMBtu)	(0.200)	(0.026)	0.156	0.152	0.178	0.198	(0.059)	(0.131)	(0.158)	(0.168)	(0.146)	(0.167)	(0.031)
9	Dawn (Cdn\$/GJ)	2.497	2.796	3.252	3.390	3.388	3.324	2.778	2.670	2.684	2.724	2.763	2.715	2.915
10	Forecast Purchase Volume - Union South and Union North East (PJ's)	15.37	15.55	16.06	16.06	15.03	16.06	14.57	15.06	14.57	15.06	15.06	14.57	183.02
11	Cost at Market Price (\$000's) (line 9 * line 10)	38,377	43,465	52,248	54,464	50,916	53,393	40,476	40,207	39,112	41,013	41,600	39,554	534,823
12	Dawn Reference Price (Cdn\$/GJ) (line 11 / line 10)	2.497	2.796	3.252	3.390	3.388	3.324	2.778	2.670	2.684	2.724	2.763	2.715	<u>2.922</u>

Notes:

- (1) 21 Day Strip dates used: August 2 - August 30, 2019.
- (2) Alberta Border Price = ((NYMEX 21 Day Average (line 1) + Empress Basis (line 3)) * (Foreign Exchange Rate (line 2)) / MMBtu to GJ Conversion Rate (4)).
- (3) Dawn Price = ((NYMEX 21-Day Average (line 1) + Dawn Basis (line 8)) * (Foreign Exchange Rate (line 2)) / MMBtu to GJ Conversion Rate (4)).
- (4) MMBtu to GJ Conversion Rate: 1.055056 GJ/MMBtu.

Union Rate Zones
Summary of Gas Supply Deferral Accounts

Line No.	Particulars	Union North West PGVA (179-147) (\$000's) (1)	Union North West PGVA (179-148) (\$000's) (2)	Union North West Tolls & Fuel (179-145) (\$000's) (3)	Union North East Tolls & Fuel (179-146) (\$000's) (4)	South PGVA (179-106) (\$000's) (5)	Inventory Revaluation (179-109) (\$000's) (6)	Load Balancing & Spot Gas Purchases (179-107) (\$000's) (7)	Unabsorbed Demand Costs (179-108) (\$000's) (8)	Total (\$000's) (l)=sum of (a) to (h)
1	October, 2018	\$ 174	\$ 645	\$ 30	\$ 2	\$ 6,005	\$ (12,765)	\$ 0	\$ 346	\$ (5,563)
2	November	\$ 694	\$ 3,157	\$ 184	\$ (507)	\$ 13,786	\$ (19)	\$ 0	\$ -	\$ 17,295
3	December	\$ 1,485	\$ 9,692	\$ (679)	\$ (4,355)	\$ 40,735	\$ (17)	\$ 0	\$ -	\$ 46,861
4	January, 2019	\$ (713)	\$ 3,579	\$ 800	\$ 256	\$ 15,628	\$ (19,200)	\$ 0	\$ -	\$ 351
5	February	\$ (935)	\$ 912	\$ (847)	\$ (2,077)	\$ 3,328	\$ (38)	\$ (0)	\$ -	\$ 342
6	March	\$ (577)	\$ 967	\$ (358)	\$ (1,698)	\$ 2,382	\$ (30)	\$ (0)	\$ -	\$ 686
7	April, 2019	\$ (179)	\$ 1,589	\$ 335	\$ 213	\$ 5,414	\$ 2,471	\$ (0)	\$ -	\$ 9,843
8	May	\$ (749)	\$ 965	\$ (46)	\$ (716)	\$ 1,153	\$ (8)	\$ (0)	\$ 365	\$ 965
9	June	\$ (637)	\$ 646	\$ 153	\$ (415)	\$ (1,133)	\$ (5)	\$ (0)	\$ 302	\$ (1,089)
10	July, 2019	\$ (633)	\$ (258)	\$ 9	\$ (417)	\$ (3,700)	\$ 2,747	\$ (0)	\$ 257	\$ (1,995)
11	August	\$ (1,121)	\$ (771)	\$ (6)	\$ (520)	\$ (5,185)	\$ (3)	\$ (0)	\$ -	\$ (7,607)
12	September	\$ (1,104)	\$ (1,101)	\$ (8)	\$ (504)	\$ (4,736)	\$ (3)	\$ (0)	\$ -	\$ (7,457)
13	Total (Lines 1 to 12)	\$ (4,296)	\$ 20,022	\$ (432)	\$ (10,738)	\$ 73,678	\$ (26,870)	\$ (1)	\$ 1,270	\$ 52,633
Current QRAM Period										
14	October, 2019	\$ (802)	\$ 434	\$ (8)	\$ (512)	\$ 485	\$ 25,056	\$ -	\$ -	\$ 24,654
15	November	\$ (104)	\$ 1,313	\$ (2)	\$ (489)	\$ 4,053	\$ -	\$ -	\$ -	\$ 4,772
16	December	\$ 405	\$ 2,597	\$ 9	\$ (486)	\$ 9,391	\$ -	\$ -	\$ -	\$ 11,917
17	January, 2020	\$ 376	\$ 3,105	\$ 11	\$ (477)	\$ 11,899	\$ -	\$ -	\$ -	\$ 14,915
18	February	\$ 425	\$ 2,862	\$ 10	\$ (448)	\$ 10,740	\$ -	\$ -	\$ -	\$ 13,589
19	March	\$ 131	\$ 2,792	\$ 13	\$ (478)	\$ 8,973	\$ -	\$ -	\$ -	\$ 11,431
20	April, 2020	\$ (280)	\$ 1,650	\$ (6)	\$ (491)	\$ 3,616	\$ -	\$ -	\$ -	\$ 4,489
21	May	\$ (138)	\$ 1,442	\$ (5)	\$ (509)	\$ 2,752	\$ -	\$ -	\$ -	\$ 3,541
22	June	\$ (3)	\$ 1,418	\$ (4)	\$ (492)	\$ 2,980	\$ -	\$ -	\$ -	\$ 3,899
23	July, 2020	\$ (3)	\$ 1,573	\$ (3)	\$ (507)	\$ 3,931	\$ -	\$ -	\$ -	\$ 4,992
24	August	\$ (3)	\$ 1,590	\$ (3)	\$ (507)	\$ 4,164	\$ -	\$ -	\$ -	\$ 5,242
25	September	\$ (2)	\$ 1,192	\$ (4)	\$ (491)	\$ 3,225	\$ -	\$ -	\$ -	\$ 3,920
26	Total (Lines 14 to 25)	\$ 4	\$ 21,969	\$ 8	\$ (5,886)	\$ 66,208	\$ 25,056	\$ -	\$ -	\$ 107,359

* Reflects actual information.

- Notes:
 (1) See page 2.
 (2) See page 3.
 (3) See page 4.
 (4) See page 4.
 (5) See page 5.
 (6) See page 6.
 (7) See page 7.
 (8) Union is not proposing to recover the deferral balance for the Unabsorbed Demand Charge (Account No. 179-108) deferral account in the current QRAM.

Union Rate Zones
Deferral Account for
North West Purchased Gas Variance Account
(Deferral Account 179-147)

Line No.	Particulars	Purchase Cost (\$000's) (a)	Volume (GJ) (b)	Weighted Avg. Price (\$/GJ) (c)=(a)/(b)	Alberta Border Reference Price (\$/GJ)(1) (d)	Unit Rate Difference (\$/GJ) (e) = (c) - (d)	Deferral Amount Before Interest (\$000's) (f) = (b) x (e)	Adjustments (\$000's) (g)	Total Deferral Before Interest (\$000's) (h) = (f) + (g)	Interest (\$000's) (2) (i)	Total Deferral Amount (\$000's) (j) = (h) + (i)
1	October, 2018	\$ 3,767	1,345,070	\$ 2.800	\$ 2.667	\$ 0.133	\$ 179	\$ -	\$ 179	\$ (6)	\$ 174
2	November	\$ 6,138	2,039,421	\$ 3.009	\$ 2.667	\$ 0.342	\$ 698	\$ -	\$ 698	\$ (4)	\$ 694
3	December	\$ 6,873	2,019,631	\$ 3.403	\$ 2.667	\$ 0.736	\$ 1,486	\$ -	\$ 1,486	\$ (2)	\$ 1,485
4	January, 2019	\$ 5,727	2,085,760	\$ 2.746	\$ 3.089	\$ (0.343)	\$ (716)	\$ -	\$ (716)	\$ 3	\$ (713)
5	February	\$ 4,728	1,833,909	\$ 2.578	\$ 3.089	\$ (0.511)	\$ (937)	\$ -	\$ (937)	\$ 2	\$ (935)
6	March	\$ 5,990	2,125,797	\$ 2.818	\$ 3.089	\$ (0.271)	\$ (577)	\$ -	\$ (577)	\$ (0)	\$ (577)
7	April, 2019	\$ 5,596	2,035,233	\$ 2.749	\$ 2.837	\$ (0.088)	\$ (178)	\$ -	\$ (178)	\$ (1)	\$ (179)
8	May	\$ 2,914	1,290,506	\$ 2.258	\$ 2.837	\$ (0.579)	\$ (747)	\$ -	\$ (747)	\$ (1)	\$ (749)
9	June	\$ 3,744	1,543,394	\$ 2.426	\$ 2.837	\$ (0.411)	\$ (634)	\$ -	\$ (634)	\$ (3)	\$ (637)
10	July, 2019	\$ 3,713	1,643,830	\$ 2.259	\$ 2.641	\$ (0.382)	\$ (629)	\$ -	\$ (629)	\$ (4)	\$ (633)
11	August	\$ 4,212	2,017,611	\$ 2.087	\$ 2.641	\$ (0.554)	\$ (1,117)	\$ -	\$ (1,117)	\$ (4)	\$ (1,121)
12	September	\$ 4,056	1,952,527	\$ 2.077	\$ 2.641	\$ (0.564)	\$ (1,100)	\$ -	\$ (1,100)	\$ (4)	\$ (1,104)
13	Total (Lines 1 to 12)	\$ 57,457	21,932,689				\$ (4,271)	\$ -	\$ (4,271)	\$ (25)	\$ (4,296)
Current QRAM Period											
14	October, 2019	\$ 3,921	2,017,611	\$ 1.944	\$ 2.341	\$ (0.397)	\$ (802)	\$ -	\$ (802)	\$ -	\$ (802)
15	November	\$ 4,380	1,915,129	\$ 2.287	\$ 2.341	\$ (0.054)	\$ (104)	\$ -	\$ (104)	\$ -	\$ (104)
16	December	\$ 5,038	1,978,966	\$ 2.546	\$ 2.341	\$ 0.205	\$ 405	\$ -	\$ 405	\$ -	\$ 405
17	January, 2020	\$ 5,009	1,978,966	\$ 2.531	\$ 2.341	\$ 0.190	\$ 376	\$ -	\$ 376	\$ -	\$ 376
18	February	\$ 4,759	1,851,291	\$ 2.571	\$ 2.341	\$ 0.230	\$ 425	\$ -	\$ 425	\$ -	\$ 425
19	March	\$ 4,764	1,978,966	\$ 2.407	\$ 2.341	\$ 0.066	\$ 131	\$ -	\$ 131	\$ -	\$ 131
20	April, 2020	\$ 2,240	1,076,363	\$ 2.081	\$ 2.341	\$ (0.260)	\$ (280)	\$ -	\$ (280)	\$ -	\$ (280)
21	May	\$ 869	430,241	\$ 2.020	\$ 2.341	\$ (0.321)	\$ (138)	\$ -	\$ (138)	\$ -	\$ (138)
22	June	\$ 17	8,363	\$ 1.990	\$ 2.341	\$ (0.351)	\$ (3)	\$ -	\$ (3)	\$ -	\$ (3)
23	July, 2020	\$ 18	8,641	\$ 2.036	\$ 2.341	\$ (0.305)	\$ (3)	\$ -	\$ (3)	\$ -	\$ (3)
24	August	\$ 18	8,641	\$ 2.029	\$ 2.341	\$ (0.312)	\$ (3)	\$ -	\$ (3)	\$ -	\$ (3)
25	September	\$ 17	8,363	\$ 2.059	\$ 2.341	\$ (0.282)	\$ (2)	\$ -	\$ (2)	\$ -	\$ (2)
26	Total (Lines 14 to 25)	\$ 31,049	13,261,541				\$ 4	\$ -	\$ 4	\$ -	\$ 4

* Reflects actual information.

Notes:

- (1) The reference price from October 2018 to December 2018 is as approved in EB-2018-0253.
 The reference price from January 2019 to March 2019 is as approved in EB-2018-0315.
 The reference price from April 2019 to June 2019 is as approved in EB-2019-0095.
 The reference price from July 2019 to September 2019 is as approved in EB-2019-0155.
 The reference price from October 2019 to September 2020 is as proposed in EB-2019-0193.
- (2) Interest is computed on the deferral amount balance net of the actual prospective recovery amount for the quarter prior to the current QRAM period.

Union Rate Zones
Deferral Account for
North East Purchased Gas Variance Account
(Deferral Account 179-148)

Line No.	Particulars	Purchase Cost (\$000's)	Volume (GJ)	Weighted Avg. Price (\$/GJ)	Lawn Reference Price (\$/GJ)(1)	Unit Rate Difference (\$/GJ)	Deferral Amount Before Interest (\$000's)	Adjustments (\$000's)	Total Deferral Before Interest (\$000's)	Interest (\$000's) (2)	Total Deferral Amount (\$000's)
		(a)	(b)	(c) = (a)/(b)	(d)	(e) = (c) - (d)	(f) = (b) x (e)	(g)	(h) = (f) + (g)	(i)	(j) = (h) + (i)
1	October, 2018	\$ 10,187	2,790,934	\$ 3.650	\$ 3.415	\$ 0.235	\$ 656	\$ -	\$ 656	\$ (10)	\$ 645
2	November	\$ 12,935	2,860,060	\$ 4.523	\$ 3.415	\$ 1.108	\$ 3,168	\$ -	\$ 3,168	\$ (11)	\$ 3,157
3	December	\$ 19,464	2,858,889	\$ 6.808	\$ 3.415	\$ 3.393	\$ 9,701	\$ -	\$ 9,701	\$ (9)	\$ 9,692
4	January, 2019	\$ 14,762	2,882,152	\$ 5.122	\$ 3.882	\$ 1.240	\$ 3,574	\$ -	\$ 3,574	\$ 5	\$ 3,579
5	February	\$ 10,689	2,518,631	\$ 4.244	\$ 3.882	\$ 0.362	\$ 911	\$ -	\$ 911	\$ 0	\$ 912
6	March	\$ 11,936	2,823,638	\$ 4.227	\$ 3.882	\$ 0.345	\$ 975	\$ -	\$ 975	\$ (8)	\$ 967
7	April, 2019	\$ 11,269	2,788,145	\$ 4.042	\$ 3.467	\$ 0.575	\$ 1,602	\$ -	\$ 1,602	\$ (13)	\$ 1,589
8	May	\$ 10,910	2,863,721	\$ 3.810	\$ 3.467	\$ 0.343	\$ 982	\$ -	\$ 982	\$ (16)	\$ 965
9	June	\$ 10,334	2,789,207	\$ 3.705	\$ 3.467	\$ 0.238	\$ 664	\$ -	\$ 664	\$ (18)	\$ 646
10	July, 2019	\$ 9,532	2,924,730	\$ 3.259	\$ 3.341	\$ (0.082)	\$ (239)	\$ -	\$ (239)	\$ (19)	\$ (258)
11	August	\$ 11,375	3,629,894	\$ 3.134	\$ 3.341	\$ (0.207)	\$ (752)	\$ -	\$ (752)	\$ (19)	\$ (771)
12	September	\$ 10,654	3,512,801	\$ 3.033	\$ 3.341	\$ (0.308)	\$ (1,082)	\$ -	\$ (1,082)	\$ (19)	\$ (1,101)
13	Total (Lines 1 to 12)	\$ 144,047	35,242,803				\$ 20,158	\$ -	\$ 20,158	\$ (136)	\$ 20,022
Current QRAM Period											
14	October, 2019	\$ 9,625	3,145,519	\$ 3.060	\$ 2.922	\$ 0.138	\$ 434	\$ -	\$ 434	\$ -	\$ 434
15	November	\$ 10,208	3,044,051	\$ 3.353	\$ 2.922	\$ 0.431	\$ 1,313	\$ -	\$ 1,313	\$ -	\$ 1,313
16	December	\$ 11,789	3,145,519	\$ 3.748	\$ 2.922	\$ 0.826	\$ 2,597	\$ -	\$ 2,597	\$ -	\$ 2,597
17	January, 2020	\$ 12,296	3,145,519	\$ 3.909	\$ 2.922	\$ 0.987	\$ 3,105	\$ -	\$ 3,105	\$ -	\$ 3,105
18	February	\$ 11,460	2,942,582	\$ 3.895	\$ 2.922	\$ 0.973	\$ 2,862	\$ -	\$ 2,862	\$ -	\$ 2,862
19	March	\$ 11,983	3,145,519	\$ 3.810	\$ 2.922	\$ 0.888	\$ 2,792	\$ -	\$ 2,792	\$ -	\$ 2,792
20	April, 2020	\$ 8,617	2,384,081	\$ 3.614	\$ 2.922	\$ 0.692	\$ 1,650	\$ -	\$ 1,650	\$ -	\$ 1,650
21	May	\$ 8,640	2,463,581	\$ 3.507	\$ 2.922	\$ 0.585	\$ 1,442	\$ -	\$ 1,442	\$ -	\$ 1,442
22	June	\$ 8,384	2,384,141	\$ 3.517	\$ 2.922	\$ 0.595	\$ 1,418	\$ -	\$ 1,418	\$ -	\$ 1,418
23	July, 2020	\$ 8,772	2,463,643	\$ 3.561	\$ 2.922	\$ 0.639	\$ 1,573	\$ -	\$ 1,573	\$ -	\$ 1,573
24	August	\$ 8,789	2,463,674	\$ 3.567	\$ 2.922	\$ 0.645	\$ 1,590	\$ -	\$ 1,590	\$ -	\$ 1,590
25	September	\$ 8,159	2,384,231	\$ 3.422	\$ 2.922	\$ 0.500	\$ 1,192	\$ -	\$ 1,192	\$ -	\$ 1,192
26	Total (Lines 14 to 25)	\$ 118,722	33,112,061				\$ 21,969	\$ -	\$ 21,969	\$ -	\$ 21,969

* Reflects actual information.

Notes:

- (1) The reference price from October 2018 to December 2018 is as approved in EB-2018-0253.
 The reference price from January 2019 to March 2019 is as approved in EB-2018-0315.
 The reference price from April 2019 to June 2019 is as approved in EB-2019-0095.
 The reference price from July 2019 to September 2019 is as approved in EB-2019-0155.
 The reference price from October 2019 to September 2020 is as proposed in EB-2019-0193.
- (2) Interest is computed on the deferral amount balance net of the actual prospective recovery amount for the quarter prior to the current QRAM period.

**Union Rate Zones
 Deferral Account for
 Transportation Tolls and Fuel**

Line No.	Particulars	Union North West Operations Area (179-145)			Union North East Operations Area (179-146)		
		Deferral Amount Before Interest (\$000's) (a)	Interest (\$000's) (1) (b)	Deferral Amount With Interest (\$000's) (c) = (a) + (b)	Deferral Amount Before Interest (\$000's) (d)	Interest (\$000's) (1) (e)	Deferral Amount With Interest (\$000's) (f) = (d) + (e)
1	October, 2018	\$ 29	\$ 2	\$ 30	\$ 5	\$ (3)	\$ 2
2	November	\$ 183	\$ 1	\$ 184	\$ (505)	\$ (2)	\$ (507)
3	December	\$ (680)	\$ 2	\$ (679)	\$ (4,352)	\$ (3)	\$ (4,355)
4	January, 2019	\$ 800	\$ 0	\$ 800	\$ 268	\$ (12)	\$ 256
5	February	\$ (849)	\$ 1	\$ (847)	\$ (2,070)	\$ (7)	\$ (2,077)
6	March	\$ (357)	\$ (1)	\$ (358)	\$ (1,689)	\$ (9)	\$ (1,698)
7	April, 2019	\$ 336	\$ (2)	\$ 335	\$ 221	\$ (8)	\$ 213
8	May	\$ (45)	\$ (1)	\$ (46)	\$ (711)	\$ (5)	\$ (716)
9	June	\$ 153	\$ (1)	\$ 153	\$ (410)	\$ (5)	\$ (415)
10	July, 2019	\$ 9	\$ (1)	\$ 9	\$ (412)	\$ (5)	\$ (417)
11	August	\$ (5)	\$ (1)	\$ (6)	\$ (515)	\$ (5)	\$ (520)
12	September	\$ (7)	\$ (1)	\$ (8)	\$ (499)	\$ (5)	\$ (504)
13	Total (Lines 1 to 12)	\$ (432)	\$ 1	\$ (432)	\$ (10,669)	\$ (68)	\$ (10,738)
Current QRAM Period							
14	October, 2019	\$ (8)	\$ -	\$ (8)	\$ (512)	\$ -	\$ (512)
15	November	\$ (2)	\$ -	\$ (2)	\$ (489)	\$ -	\$ (489)
16	December	\$ 9	\$ -	\$ 9	\$ (486)	\$ -	\$ (486)
17	January, 2020	\$ 11	\$ -	\$ 11	\$ (477)	\$ -	\$ (477)
18	February	\$ 10	\$ -	\$ 10	\$ (448)	\$ -	\$ (448)
19	March	\$ 13	\$ -	\$ 13	\$ (478)	\$ -	\$ (478)
20	April, 2020	\$ (6)	\$ -	\$ (6)	\$ (491)	\$ -	\$ (491)
21	May	\$ (5)	\$ -	\$ (5)	\$ (509)	\$ -	\$ (509)
22	June	\$ (4)	\$ -	\$ (4)	\$ (492)	\$ -	\$ (492)
23	July, 2020	\$ (3)	\$ -	\$ (3)	\$ (507)	\$ -	\$ (507)
24	August	\$ (3)	\$ -	\$ (3)	\$ (507)	\$ -	\$ (507)
25	September	\$ (4)	\$ -	\$ (4)	\$ (491)	\$ -	\$ (491)
26	Total (Lines 14 to 25)	\$ 8	\$ -	\$ 8	\$ (5,886)	\$ -	\$ (5,886)

* Reflects actual information.

Notes: (1)

Interest is computed on the deferral amount balance net of the actual prospective recovery amount for the quarter prior to the current QRAM period.

Union Rate Zones
Deferral Account for
South Purchased Gas Variance Account
(Deferral Account 179-106)

Line No.	Particulars	Purchase Cost (\$000's) (a)	Volume (GJ) (b)	Weighted Avg. Price (\$/GJ) (c) = (a)/(b)	Dawn Reference Price (\$/GJ)(1) (d)	Unit Rate Difference (\$/GJ) (e) = (c) - (d)	Monthly Deferral Amount (\$000's) (f) = (b) x (e)	Southern Portfolio Cost Differential Adjustment (\$000's) (g)	Deferral Amount Before Interest (\$000's) (h) = (f) + (g)	Adjustments (\$000's) (i)	Total Deferral Before Interest (\$000's) (j) = (h) + (i)	Interest (\$000's) (2) (k)	Total Deferral Amount (\$000's) (l) = (j) + (k)
1	October, 2018	\$ 45,510	11,569,984	\$ 3.933	\$ 3.415	\$ 0.518	\$ 5,998	\$ -	\$ 5,998	\$ -	\$ 5,998	\$ 6	\$ 6,005
2	November	\$ 53,799	11,719,312	\$ 4.591	\$ 3.415	\$ 1.176	\$ 13,777	\$ -	\$ 13,777	\$ -	\$ 13,777	\$ 8	\$ 13,786
3	December	\$ 82,068	12,107,761	\$ 6.778	\$ 3.415	\$ 3.363	\$ 40,720	\$ -	\$ 40,720	\$ -	\$ 40,720	\$ 16	\$ 40,735
4	January, 2019	\$ 71,907	14,517,848	\$ 4.953	\$ 3.882	\$ 1.071	\$ 15,549	\$ -	\$ 15,549	\$ -	\$ 15,549	\$ 80	\$ 15,628
5	February	\$ 59,711	14,539,588	\$ 4.107	\$ 3.882	\$ 0.225	\$ 3,268	\$ -	\$ 3,268	\$ -	\$ 3,268	\$ 59	\$ 3,328
6	March	\$ 55,224	13,620,778	\$ 4.054	\$ 3.882	\$ 0.172	\$ 2,348	\$ -	\$ 2,348	\$ -	\$ 2,348	\$ 34	\$ 2,382
7	April, 2019	\$ 46,516	11,855,640	\$ 3.924	\$ 3.467	\$ 0.457	\$ 5,413	\$ -	\$ 5,413	\$ -	\$ 5,413	\$ 1	\$ 5,414
8	May	\$ 43,541	12,222,684	\$ 3.562	\$ 3.467	\$ 0.095	\$ 1,164	\$ -	\$ 1,164	\$ -	\$ 1,164	\$ (11)	\$ 1,153
9	June	\$ 38,412	11,399,740	\$ 3.370	\$ 3.467	\$ (0.097)	\$ (1,111)	\$ -	\$ (1,111)	\$ -	\$ (1,111)	\$ (22)	\$ (1,133)
10	July, 2019	\$ 37,196	12,230,740	\$ 3.041	\$ 3.341	\$ (0.300)	\$ (3,667)	\$ -	\$ (3,667)	\$ -	\$ (3,667)	\$ (32)	\$ (3,700)
11	August	\$ 39,247	13,289,359	\$ 2.953	\$ 3.341	\$ (0.388)	\$ (5,153)	\$ -	\$ (5,153)	\$ -	\$ (5,153)	\$ (32)	\$ (5,185)
12	September	\$ 38,264	12,860,670	\$ 2.975	\$ 3.341	\$ (0.366)	\$ (4,704)	\$ -	\$ (4,704)	\$ -	\$ (4,704)	\$ (32)	\$ (4,736)
13	Total (Lines 1 to 12)	\$ 611,393	151,934,104				\$ 73,603	\$ -	\$ 73,603	\$ -	\$ 73,603	\$ 75	\$ 73,678
Current QRAM Period													
14	October, 2019	\$ 36,203	12,223,734	\$ 2.962	\$ 2.922	\$ 0.040	\$ 485	\$ -	\$ 485	\$ -	\$ 485	\$ -	\$ 485
15	November	\$ 40,586	12,502,537	\$ 3.246	\$ 2.922	\$ 0.324	\$ 4,053	\$ -	\$ 4,053	\$ -	\$ 4,053	\$ -	\$ 4,053
16	December	\$ 47,141	12,919,288	\$ 3.649	\$ 2.922	\$ 0.727	\$ 9,391	\$ -	\$ 9,391	\$ -	\$ 9,391	\$ -	\$ 9,391
17	January, 2020	\$ 49,649	12,919,288	\$ 3.843	\$ 2.922	\$ 0.921	\$ 11,899	\$ -	\$ 11,899	\$ -	\$ 11,899	\$ -	\$ 11,899
18	February	\$ 46,054	12,085,786	\$ 3.811	\$ 2.922	\$ 0.889	\$ 10,740	\$ -	\$ 10,740	\$ -	\$ 10,740	\$ -	\$ 10,740
19	March	\$ 46,723	12,919,288	\$ 3.617	\$ 2.922	\$ 0.695	\$ 8,973	\$ -	\$ 8,973	\$ -	\$ 8,973	\$ -	\$ 8,973
20	April, 2020	\$ 39,226	12,186,937	\$ 3.219	\$ 2.922	\$ 0.297	\$ 3,616	\$ -	\$ 3,616	\$ -	\$ 3,616	\$ -	\$ 3,616
21	May	\$ 39,549	12,593,168	\$ 3.141	\$ 2.922	\$ 0.219	\$ 2,752	\$ -	\$ 2,752	\$ -	\$ 2,752	\$ -	\$ 2,752
22	June	\$ 38,590	12,186,937	\$ 3.166	\$ 2.922	\$ 0.244	\$ 2,980	\$ -	\$ 2,980	\$ -	\$ 2,980	\$ -	\$ 2,980
23	July, 2020	\$ 40,728	12,593,168	\$ 3.234	\$ 2.922	\$ 0.312	\$ 3,931	\$ -	\$ 3,931	\$ -	\$ 3,931	\$ -	\$ 3,931
24	August	\$ 40,962	12,593,168	\$ 3.253	\$ 2.922	\$ 0.331	\$ 4,164	\$ -	\$ 4,164	\$ -	\$ 4,164	\$ -	\$ 4,164
25	September	\$ 38,835	12,186,937	\$ 3.187	\$ 2.922	\$ 0.265	\$ 3,225	\$ -	\$ 3,225	\$ -	\$ 3,225	\$ -	\$ 3,225
26	Total (Lines 14 to 25)	\$ 504,245	149,910,237				\$ 66,208	\$ -	\$ 66,208	\$ -	\$ 66,208	\$ -	\$ 66,208

* Reflects actual information.

Notes:

- (1) The reference price from October 2018 to December 2018 is as approved in EB-2018-0253.
 The reference price from January 2019 to March 2019 is as approved in EB-2018-0315.
 The reference price from April 2019 to June 2019 is as approved in EB-2019-0095.
 The reference price from July 2019 to September 2019 is as approved in EB-2019-0155.
 The reference price from October 2019 to September 2020 is as proposed in EB-2019-0193.
- (2) Interest is computed on the deferral amount balance net of the actual prospective recovery amount for the quarter prior to the current QRAM period.

**Union Rate Zones
 Deferral Account for
 Inventory Revaluation
 (Deferral Account 179-109)**

Line No.	Effective Date	Proceeding Number	Reference Price (C\$/GJ) (a)	Price Difference from Previous Approved Price (\$/GJ) (b)	Inventory Levels Forecast/Actual (PJ) (c)	Inventory Revaluation Forecast/Actual (\$000's) (d) = -(b) x (c)	Interest (\$000's) (1) (e)	Total Deferral Amount (\$000's) (f) = (d) + (e)
1	October, 2018	* EB-2018-0253	3.415	\$ 0.224	57.1	\$ (12,768)	\$ 3	\$ (12,765)
2	November	*					(19)	(19)
3	December	*					(17)	(17)
4	January, 2019	* EB-2018-0315	3.882	\$ 0.467	41.5	\$ (19,184)	(16)	(19,200)
5	February	*					(38)	(38)
6	March	*					(30)	(30)
7	April, 2019	* EB-2019-0095	3.467	\$ (0.415)	6.4	\$ 2,488	(17)	2,471
8	May	*					(8)	(8)
9	June	*					(5)	(5)
10	July, 2019	* EB-2019-0155	3.341	\$ (0.126)	22.3	\$ 2,750	(3)	2,747
11	August						(3)	(3)
12	September						(3)	(3)
13	Total (Lines 1 to 12)					\$ (26,714)	(156)	(26,870)
Current QRAM Period								
14	October, 2019	EB-2019-0193	\$ 2.922	\$ (0.419)	59.8	\$ 25,056	-	\$ 25,056
15	November						-	-
16	December						-	-
17	January, 2020						-	-
18	February						-	-
19	March						-	-
20	April, 2020						-	-
21	May						-	-
22	June						-	-
23	July, 2020						-	-
24	August						-	-
25	September						-	-
26	Total (Lines 14 to 25)					\$ 25,056	-	\$ 25,056

* Reflects actual information

Notes:

(1) Interest is computed on the deferral amount balance net of the actual prospective recovery amount for the quarter prior to the current QRAM period.

Union Rate Zones
 Deferral Account for
 Spot Gas Variance Account
 (Deferral Account 179-107)

Line No.	Particulars	Spot Gas Purchases				Load Balancing				
		Deferral Amount Before Interest (\$000's) (a)	Interest (\$000's) (1) (b)	Deferral Balance (\$000's) (c) = (a) + (b)	Load Balancing Deferral (\$000's) (d)	North Load Balancing Revenue (\$000's) (e)	South Load Balancing Revenue (\$000's) (f)	Deferral Amount Before Interest (\$000's) (g) = (d) + (e) + (f)	Interest (\$000's) (1) (h)	Deferral Balance (\$000's) (i) = (g) + (h)
1	October, 2018	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0
2	November	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0
3	December	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0
4	January, 2019	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0
5	February	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
6	March	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
7	April, 2019	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
8	May	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
9	June	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
10	July, 2019	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
11	August	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
12	September	\$ -	\$ (0)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
13	Total (Lines 1 to 12)	\$ -	\$ (1)	\$ (1)	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ (0)
<u>Current QRAM Period</u>										
14	October, 2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	November	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	December	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	January, 2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	February	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	March	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	April, 2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	May	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	June	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23	July, 2020	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	August	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	September	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Total (Lines 14 to 25)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

* Reflects actual information.

Notes: (1) Interest is computed on the deferral amount balance net of the actual prospective recovery amount for the quarter prior to the current QRAM period.

UNION RATE ZONES
Derivation of Gas Supply Commodity Charges

Line No.	Particulars	EB-2018-0331 Effective October 1, 2019		EB-2019-0193 Effective October 1, 2019		Change Effective October 1, 2019	
		(cents/m ³) (a)	(\$/GJ) (b)	(cents/m ³) (c)	(\$/GJ) (d)	(cents/m ³) (e)= (c) - (a)	(\$/GJ) (f)= (d) - (b)
<u>Union South</u>							
<u>Commodity Rate</u>							
1	Dawn Reference Price (1)	13.0232	3.341	11.3900	2.922 (3)	(1.6332)	(0.419)
2	Gas Supply Optimization Margin Credit	(0.2824) (5)	(0.072)	(0.2824) (5)	(0.072)	-	-
3	Administration Charge	0.1893	0.049	0.1893	0.049	-	-
4	Gas Supply Commodity Rate	<u>12.9301</u>	<u>3.318</u>	<u>11.2969</u>	<u>2.899</u>	<u>(1.6332)</u>	<u>(0.419)</u>
5	Transportation Rate	-	-	-	-	-	-
6	Total Gas Supply Commodity Charge (line 5+6)	<u>12.9301</u>	<u>3.318</u>	<u>11.2969</u>	<u>2.899</u>	<u>(1.6332)</u>	<u>(0.419)</u>
<u>Union North - Rate 01 & Rate 10</u>							
<u>Union North West Zone</u>							
7	Alberta Border Reference Price (1)	10.2946	2.641	9.1252	2.341 (4)	(1.1694)	(0.300)
8	Administration Charge	0.1893	0.049	0.1893	0.049	-	-
9	Gas Supply Commodity Rate	<u>10.4839</u>	<u>2.690</u>	<u>9.3145</u>	<u>2.390</u>	<u>(1.1694)</u>	<u>(0.300)</u>
<u>Union North East Zone</u>							
10	Dawn Reference Price (1)	13.0232	3.341	11.3900	2.922 (3)	(1.6332)	(0.419)
11	Administration Charge	0.1893	0.049	0.1893	0.049	-	-
12	Gas Supply Commodity Rate	<u>13.2125</u>	<u>3.390</u>	<u>11.5793</u>	<u>2.971</u>	<u>(1.6332)</u>	<u>(0.419)</u>
<u>Union North - Rate 20 & Rate 100</u>							
<u>Union North West Zone</u>							
13	Alberta Border Reference Price (2)	10.0067	2.641	8.8700	2.341 (4)	(1.1367)	(0.300)
14	Administration Charge	0.1893	0.050	0.1893	0.050	-	-
15	Gas Supply Commodity Rate	<u>10.1960</u>	<u>2.691</u>	<u>9.0593</u>	<u>2.391</u>	<u>(1.1367)</u>	<u>(0.300)</u>
<u>Union North East Zone</u>							
16	Dawn Reference Price (2)	12.6590	3.341	11.0715	2.922 (3)	(1.5875)	(0.419)
17	Administration Charge	0.1893	0.050	0.1893	0.050	-	-
18	Gas Supply Commodity Rate	<u>12.8483</u>	<u>3.391</u>	<u>11.2608</u>	<u>2.972</u>	<u>(1.5875)</u>	<u>(0.419)</u>

Notes:

- (1) Conversion to GJs based on 38.98 GJ / 10³m³.
- (2) Conversion to GJs based on 37.89 GJ / 10³m³.
- (3) Exhibit E, Tab 1, Schedule 1, Line 12.
- (4) Exhibit E, Tab 1, Schedule 1, Line 7.
- (5) EB-2011-0210, Rate Order, Working Papers, Schedule 44, Column (g), Lines 7-12.

UNION RATE ZONES
 Derivation of Unit Rate Changes related to Union North Transportation and Storage Rates
Union North West Zone and Union North East Zone by Rate Class

Line No.	Particulars	Cost Variance (1) (\$000's) (a)	Billing Units (2) (10 ³ m ³) (b)	Rate Change (cents/m ³) (c) = (a / b x 100)	EB-2018-0331 Effective October 1, 2019 Unit Rate (3) (cents/m ³) (d)	EB-2019-0193 Effective October 1, 2019 Unit Rate (cents/m ³) (e) = (c + d)
<u>Rate 01</u>						
Gas Transportation						
1	Union North West	(486)	267,830	(0.1815)	5.6705	5.4890
2	Union North East	(430)	659,134	(0.0653)	2.1220	2.0567
Gas Storage						
3	Union North West	(42)	256,092	(0.0163)	2.0866	2.0703
4	Union North East	(476)	630,247	(0.0755)	5.2529	5.1774
<u>Rate 10</u>						
Gas Transportation						
5	Union North West	(132)	82,150	(0.1612)	4.9620	4.8008
6	Union North East	(159)	261,380	(0.0607)	1.9417	1.8810
Gas Storage						
7	Union North West	(11)	77,949	(0.0141)	1.5744	1.5603
8	Union North East	(134)	248,013	(0.0542)	3.7539	3.6997
<u>Rate 20 (4)</u>						
Gas Supply Demand						
9	Union North West	(41)	2,962	(1.3688)	49.1542	47.7854
10	Union North East	(32)	3,911	(0.8252)	40.3465	39.5213
Commodity Transportation 1						
11	Union North West	(28)	28,383	(0.0970)	3.0048	2.9078
12	Union North East	(32)	45,073	(0.0713)	1.3505	1.2792
<u>Rate 25</u>						
13	Gas Supply Transportation	(18)	42,913	(0.0423)	1.0838	1.0415
<u>Rate 100 (5)</u>						
Gas Supply Demand						
14	Union North West	-	-	(3.2014)	93.7716	90.5702
15	Union North East	-	-	(4.4421)	129.3014	124.8593
Commodity Transportation 1						
16	Union North West	-	-	(0.1796)	5.2625	5.0829
17	Union North East	-	-	(0.2541)	7.3978	7.1437
<u>Rate 20/100 Bundled Storage (\$/GJ)</u>						
18	Monthly Demand (GJ/d)	(20)	114,888	(0.173)	16.336	16.163
19	Commodity Charge (GJ)	(2)	739,477	(0.003)	0.207	0.204
20	Total	<u>(2,043)</u>				

Notes:

- (1) Exhibit E, Tab 2, Schedule 2, p. 3.
- (2) EB-2017-0087, Rate Order, Working Papers, Schedule 4, Column (r).
- (3) EB-2019-0155, Exhibit E, Tab 2, Schedule 2, p.1, Column (e).
- (4) The Rate 20 cost variance, excluding Bundled Storage, is recovered 60% in the Gas Supply Demand Charge and 40% in the Commodity Transportation 1 Charge.
- (5) Rate 100 Gas Supply Demand and Commodity Transportation 1 rates updated based on changes in upstream transportation rates and reference price.

UNION RATE ZONES
Union North 2018 Gas Supply Plan as filed in EB-2015-0181 at October 2019 QRAM

Line No.	Particulars	Annual Volume (1) (TJ) (a)	EB-2018-0331 Effective October 1, 2019		EB-2019-0193 Effective October 1, 2019		Cost Variance (f) = (e - c)
			Rates (2) (\$ / GJ) (b)	Costs (2) (\$000's) (c)	Rates (\$ / GJ) (d)	Costs (\$000's) (e)	
Transportation Costs							
<u>Union North West Zone Demand Costs</u>							
1	TCPL MDA	2,031	17.927	1,197	17.408	1,163	(35)
2	TCPL SSM DA	2,972	36.116	3,529	35.005	3,421	(109)
3	TCPL WDA	18,764	25.800	15,916	25.025	15,438	(478)
4	CTHI/CPMI	2,066	18.996	1,290	18.996	1,290	-
5	Subtotal			21,932		21,311	(621)
<u>Union North East Zone Demand Costs</u>							
6	TCPL NCDA	3,211	45.639	4,817	44.229	4,668	(149)
7	TCPL EDA	365	50.405	605	48.841	586	(19)
8	TCPL NDA	2,915	39.851	3,819	38.618	3,701	(118)
9	TCPL PKWY EDA	21,108	7.983	5,540	7.810	5,420	(120)
10	TCPL PKWY NDA	15,695	11.543	5,956	11.264	5,812	(144)
11	TCPL PKWY NCDA	730	5.638	135	5.535	133	(2)
12	Subtotal			20,873		20,320	(553)
<u>Common Costs</u>							
13	LBA			1,200		1,200	-
14	TCPL Minimum Flow Charge			71		71	-
15	Subtotal			1,271		1,271	-
16	Demand Costs in Rates (line 5 + line 12 + line 15)			44,076		42,902	(1,174)
<u>Union North West Zone Fuel Costs</u>							
17	TCPL MDA	6	2.641	17	2.341	15	(2)
18	TCPL SSM DA	54	2.641	142	2.341	126	(16)
19	TCPL WDA	156	2.641	411	2.341	365	(47)
20	CTHI/CPMI	1	2.641	3	2.341	2	(0)
21	Subtotal			573		508	(65)
<u>Union North East Zone Fuel Costs</u>							
22	TCPL NCDA	91	2.641	241	2.341	213	(27)
23	TCPL EDA	11	2.641	29	2.341	26	(3)
24	TCPL NDA	70	2.641	184	2.341	163	(21)
25	TCPL PKWY EDA	53	3.341	175	2.922	153	(22)
26	TCPL PKWY NDA	55	3.341	183	2.922	160	(23)
27	TCPL PKWY NCDA	0	3.341	0	2.922	0	(0)
28	Subtotal			813		716	(97)
29	Fuel Costs in Rates (line 21 + line 28)			1,386		1,224	(162)
30	Total Transportation Costs (line 16 + line 29)			45,462		44,126	(1,336)
Storage Costs							
<u>Union North West Zone Demand Costs</u>							
31	TCPL WDA STS Injection	1,150	27.500	1,040	26.741	1,011	(29)
32	Subtotal			1,040		1,011	(29)
<u>Union North East Zone Demand Costs</u>							
33	TCPL NDA STS Injection	17,921	11.543	6,801	11.264	6,637	(165)
34	TCPL EDA STS Withdrawal	9,845	7.983	2,584	7.810	2,528	(56)
35	TCPL Pkwy to EDA	19,042	7.983	4,998	7.810	4,889	(109)
36	TCPL Pkwy to EDA EMB	9,125	8.711	2,613	8.538	2,561	(52)
37	TCPL Pkwy to NDA	24,455	11.543	9,281	11.264	9,056	(225)
38	Subtotal			26,277		25,671	(607)
39	Demand Costs in Rates (line 32 + line 38)			27,317		26,682	(635)
<u>Union North West Zone Fuel Costs</u>							
40	TCPL WDA STS Injection	15	2.641	40	2.341	36	(5)
41	TCPL SSM DA STS Withdrawal	28	3.341	93	2.922	81	(12)
42	TCPL WDA STS Withdrawal	31	3.341	104	2.922	91	(13)
43	Subtotal			237		208	(29)
<u>Union North East Zone Fuel Costs</u>							
44	TCPL NCDA STS Injection	2	2.641	5	2.341	4	(1)
45	TCPL NCDA STS Withdrawal	8	3.341	25	2.922	22	(3)
46	TCPL Pkwy to EDA	8	3.341	28	2.922	25	(4)
47	TCPL Pkwy to EDA EMB	16	3.341	54	2.922	47	(7)
48	TCPL Pkwy to NDA	69	3.341	232	2.922	203	(29)
49	Subtotal			343		300	(43)
50	Fuel Costs in Rates (line 43 + line 49)			581		508	(72)
51	Total Storage Costs (line 39 + line 50)			27,897		27,190	(708)
52	Total Storage and Transportation Costs			73,359		71,316	(2,043)

Notes:
(1) EB-2015-0181, Exhibit A, Tab 2, Appendix A, Schedule 1, p. 1-2, column (j).
(2) EB-2019-0155, Exhibit E, Tab 2, Schedule 2, p. 2, column (d) & (e).

UNION RATE ZONES
Allocation of Union North Transportation and Storage Cost Changes by Zone

Line No.	Particulars (\$000's)	Total (a)	Rate 01 (b)	Rate 10 (c)	Rate 20 (d)	Rate 100 (e)	Rate 25 (f)
Union North West Zone							
<u>Transportation Demand Costs</u>							
1	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	21,932	15,627	4,209	1,989	-	107
2	EB-2019-0193 October 2019 QRAM	21,311	15,185	4,090	1,933	-	104
3	Change in Costs (line 2 - line 1)	(621)	(443)	(119)	(56)	-	(3)
<u>Transportation Fuel Costs</u>							
4	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	573	385	116	67	-	5
5	EB-2019-0193 October 2019 QRAM	508	341	103	59	-	5
6	Change in Costs (line 5 - line 4)	(65)	(44)	(13)	(8)	-	(1)
7	Total Change in Transportation Costs (line 3 + line 6)	(686)	(486)	(132)	(64)	-	(4)
<u>Storage Demand Costs</u>							
8	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	1,040	800	182	58	-	-
9	EB-2019-0193 October 2019 QRAM	1,011	778	177	56	-	-
10	Change in Costs (line 9 - line 8)	(29)	(22)	(5)	(2)	-	-
<u>Storage Fuel Costs</u>							
11	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	237	160	48	29	-	-
12	EB-2019-0193 October 2019 QRAM	208	140	42	25	-	-
13	Change in Costs (line 12 - line 11)	(29)	(20)	(6)	(4)	-	-
14	Total Change in Storage Costs (line 10 + line 13)	(58)	(42)	(11)	(5)	-	-
15	Total Change in North West Zone Costs (line 7 + line 14)	(744)	(528)	(143)	(69)	-	(4)
Union North East Zone							
<u>Transportation Demand Costs</u>							
16	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	20,873	13,913	5,083	1,447	-	431
17	EB-2019-0193 October 2019 QRAM	20,320	13,544	4,948	1,408	-	420
18	Change in Costs (line 17 - line 16)	(553)	(369)	(135)	(38)	-	(11)
<u>Transportation Fuel Costs</u>							
19	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	813	520	202	65	-	25
20	EB-2019-0193 October 2019 QRAM	716	458	178	58	-	22
21	Change in Costs (line 20 - line 19)	(97)	(62)	(24)	(8)	-	(3)
22	Total Change in Transportation Costs (line 18 + line 21)	(649)	(430)	(159)	(46)	-	(14)
<u>Storage Demand Costs</u>							
23	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	26,277	19,436	5,363	1,344	135	-
24	EB-2019-0193 October 2019 QRAM	25,671	18,988	5,239	1,313	131	-
25	Change in Costs (line 24 - line 23)	(607)	(449)	(124)	(31)	(3)	-
<u>Storage Fuel Costs</u>							
26	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	343	218	85	39	2	-
27	EB-2019-0193 October 2019 QRAM	300	191	74	34	2	-
28	Change in Costs (line 27 - line 26)	(43)	(27)	(11)	(5)	(0)	-
29	Total Change in Storage Costs (line 25 + line 28)	(650)	(476)	(134)	(36)	(3)	-
30	Total Change in North East Zone Costs (line 22 + line 29)	(1,299)	(906)	(293)	(82)	(3)	(14)
<u>Common Costs</u>							
31	EB-2018-0331 2016-2018 Cap-and-Trade Deferrals	1,271	-	-	-	-	-
32	EB-2019-0193 October 2019 QRAM	1,271	-	-	-	-	-
33	Change in Costs (line 32 - line 31)	-	-	-	-	-	-
34	Total Change in Storage and Transportation Costs (line 15 + line 30)	(2,043)	(1,434)	(437)	(151)	(3)	(18)

UNION RATE ZONES
 Derivation of Unit Rate Changes related to Gas Costs in Distribution Rates
 Effective October 1, 2019

Line No.	Derivation of Amounts for Recovery		
	<u>Change in Gas Cost:</u>		
1	Dawn Reference Price as per EB-2019-0193	(\$/10 ³ m ³)	113,900
2	Dawn Reference Price as per EB-2018-0331	(\$/10 ³ m ³)	130,232
3	Change in Gas Cost (line 1 - line 2)	(\$/10 ³ m ³)	<u>(16,332)</u>
4	Fuel and UFG volume: 2013 approved	(10 ³ m ³)	85,662
5	Amount for Recovery - Fuel & UFG (line 3 x line 4)	(\$000's)	<u>(1,395)</u>
6	Average Gas in Inventory: 2013 approved	(10 ³ m ³)	774,843
7	Change in Gas Costs related to Inventory (line 3 x line 6)	(\$000's)	(12,655)
8	Composite Rate of Return	5.18%	(1)
9	Amount for Recovery - Gas in Storage (line 7 x line 8)	(\$000's)	<u>(655)</u>
10	Total Gas Cost Change to Distribution Rates (line 5 + line 9)	(\$000's)	<u><u>(2,050)</u></u>

Derivation of Unit Rate Changes by Rate Class

Rate Class	Fuel & Unaccounted for Gas			Gas in Storage Carrying Costs			Total Gas Cost Change to Distribution Rates (\$000's) (g) = (c + f)	Current Approved Distribution Volume (4) (10 ³ m ³) (h)	Unit Rate Change (5) (cents/m ³) (i) = (g / h)
	Cost Allocation (2) (\$000's) (a)	Allocation Factor (%) (b)	Amount for Recovery (\$000's) (c)	Cost Allocation (3) (\$000's) (d)	Allocation Factor (%) (e)	Amount for Recovery (\$000's) (f)			
	11 R01	1,615	24.64%	(339)	21,804	18.30%			
12 R10	508	7.76%	(107)	5,717	4.80%	(28)	(135)	325,962	(0.0414)
13 R20	181	2.76%	(38)	1,533	1.29%	(8)	(46)	604,555	(0.0075)
14 R25	-	0.00%	-	-	0.00%	-	-	159,555	-
15 R100	6	0.09%	(1)	107	0.09%	(1)	(2)	1,814,105	(0.0001)
16 M1	2,466	37.62%	(518)	60,609	50.86%	(299)	(818)	2,808,296	(0.0291)
17 M2	824	12.57%	(173)	20,667	17.34%	(102)	(275)	1,079,737	(0.0255)
18 M4	342	5.22%	(72)	3,024	2.54%	(15)	(87)	339,216	(0.0256)
19 M5A	431	6.57%	(91)	4,078	3.42%	(20)	(111)	450,088	(0.0246)
20 M7	127	1.94%	(27)	1,113	0.93%	(6)	(32)	119,242	(0.0270)
21 M9	54	0.83%	(11)	511	0.43%	(3)	(14)	60,750	(0.0229)
22 M10	0	0.00%	(0)	5	0.00%	(0)	(0)	189	(0.0326)
								(GJ)	(\$/GJ)
23 T1	-	0.00%	-	-	0.00%	(16)	(16) (5)	492,360	(0.033)
24 T2	-	0.00%	-	-	0.00%	(50)	(50) (5)	1,516,920	(0.033)
25 T3	-	0.00%	-	-	0.00%	-	- (5)	-	-
26 M12	-	0.00%	-	-	0.00%	-	- (5)	-	-
27 M13	-	0.00%	(4)	-	0.00%	-	(4) (5)	5,934,507	(0.001)
28 M16	-	0.00%	(14)	-	0.00%	-	(14) (5)(6)	-	-
29 C1	-	0.00%	-	-	0.00%	-	- (5)	-	-
30 Total	<u>6,554</u>	<u>100.00%</u>	<u>(1,395)</u>	<u>119,168</u>	<u>100.00%</u>	<u>(655)</u>	<u>(2,050)</u>		

Notes:

- (1) Calculation of the Composite Return:
- | | | | |
|---------------------------|--------|-------|--------------|
| Common Equity (after tax) | 36.00% | 8.93% | 3.21% |
| Gross-Up for tax (@ 26%) | | | 1.13% |
| Common Equity (pre-tax) | | | 4.34% |
| Short-Term Debt | 64.00% | 1.31% | 0.84% |
| Composite Rate of Return | | | <u>5.18%</u> |
- (2) EB-2011-0210, Decision Cost Study, Operating Expenses, A. Cost of Gas & Production, Other Supplies - UFG and EB-2011-0210, Decision Cost Study, Operating Expenses, C. Underground Storage & D. Transmission, Compressor Fuel.
- (3) EB-2011-0210, Decision Cost Study, Working Capital, Gas in Storage.
- (4) EB-2017-0087, Rate Order, Working Papers, Schedule 4, Column (r).
- (5) Union supplied fuel (USF) rate changes for Rates T1, T2, T3, M12, M13, M16 and C1 are based on approved 2013 fuel ratios and proposed Ontario Landed Reference Price. Changes in Union-supplied fuel rates for Rate T1, T2, T3, M12, M13, M16 and C1 are presented at Appendix A.

- (6) Rate changes for M16 is broken down into four paths.

M16 Storage Transportation Service			
	Billing Units (GJs)	Rate Change (\$/GJ)	Cost Recovery (\$000's)
Charges West of Dawn:			
Fuel & UFG to Dawn	4,098,775	(0.001)	(3)
Fuel & UFG to Pool	4,098,775	(0.002)	(8)
Charges East of Dawn:			
Fuel & UFG to Dawn	2,137,619	(0.001)	(1)
Fuel & UFG to Pool	2,137,619	(0.001)	(2)
Total Rate M16			<u>(14)</u>

UNION RATE ZONES
Derivation of Amounts and Unit Rates for Prospective Recovery

Line No.	Particulars	Units	North West PGVA (179-147) (a)	North East PGVA (179-148) (b)	North West Tolls & Fuel (179-145) (c)	North East Tolls & Fuel (179-146) (d)	South PGVA (179-106) (e)
Deferral Amounts for Recovery							
Change in 12-month deferral account projection:							
1	12-month projection from current QRAM application	(1) (\$000's)	4	21,969	8	(5,886)	66,208
2	Less: Projection from previous QRAM application	(\$000's)	1	21,807	31	(6,082)	66,366
3	Change (Line 1 - Line 2)		<u>2</u>	<u>162</u>	<u>(23)</u>	<u>196</u>	<u>(159)</u>
Previous Quarter: True-up of Deferral Balances							
Variance between projected and actual deferral balances for month(s) with actual data since previous QRAM application:							
4	Actual deferral amount	(2) (\$000's)	(1,565)	3,200	442	(918)	5,435
5	Current projected deferral amount	(3) (\$000's)	(2,858)	(2,130)	(5)	(1,441)	(13,621)
6	Less: Previous projection included in recovery	(\$000's)	(1,408)	3,253	319	(844)	8,032
7	Variance (Line 4 + Line 5 - Line 6)	(\$000's)	<u>(3,015)</u>	<u>(2,183)</u>	<u>119</u>	<u>(1,515)</u>	<u>(16,218)</u>
8	Total Deferral Amounts for Recovery (Line 3 + Line 7)	(\$000's)	(3,012)	(2,021)	96	(1,319)	(16,376)
Previous Quarter: True-up of Prospective Recovery Amounts							
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:							
9	Forecast prospective recovery amount	(\$000's)	44	4,935	(104)	(2,521)	20,625
10	Less: Actual prospective recovery amount	(\$000's)	31	5,959	(114)	(2,879)	24,025
11	Variance (Line 9 - Line 10)	(\$000's)	<u>12</u>	<u>(1,023)</u>	<u>10</u>	<u>358</u>	<u>(3,400)</u>
12	Total Amount for Prospective Recovery (Line 8 + Line 11)	(\$000's)	<u>(3,000)</u>	<u>(3,044)</u>	<u>105</u>	<u>(961)</u>	<u>(19,776)</u>
Calculation of Current Unit Rate for Prospective Recovery							
13	Applicable Forecast Billing Units (October 1, 2019 to September 30, 2020)	(10 ³ m ³)	316,943	777,730	396,394	1,026,564	3,542,152
14	Current QRAM Unit Rate (Line 12 / Line 13 * 100)	(cents/m ³)	(0.9464)	(0.3914)	0.0265	(0.0936)	(0.5583)
Summary of Unit Rates							
15	Expiring Unit Rate Q4	(cents/m ³)	(0.6702)	1.8470	0.1722	(0.0923)	1.6128
16	Unit Rate Q1	(cents/m ³)	1.3895	1.5088	0.0501	(0.7827)	1.2002
17	Unit Rate Q2	(cents/m ³)	(0.6785)	0.9598	(0.3771)	(0.6629)	1.0894
18	Unit Rate Q3	(cents/m ³)	(0.5509)	0.0386	0.1858	0.0095	0.0040
19	Unit Rate Q4 Expiring rider replaced by new rider (Line 14)	(cents/m ³)	(0.9464)	(0.3914)	0.0265	(0.0936)	(0.5583)
20	Total Unit Rate - Prospective Recovery	(cents/m ³)	(0.7863)	2.1158	(0.1147)	(1.5297)	1.7353
21	Change in Unit Rate (Line 14 - Line 15)	(cents/m ³)	(0.2762)	(2.2384)	(0.1457)	(0.0013)	(2.1711)

Notes:

- (1) Exhibit E, Tab 1, Schedule 2, p. 1, Line 26.
- (2) Exhibit E, Tab 1, Schedule 2, p. 1, Lines 7+8+9.
- (3) Exhibit E, Tab 1, Schedule 2, p. 1, Lines 10+11+12.

UNION RATE ZONES
Derivation of Amounts and Unit Rates for Prospective Recovery

Line No.	Particulars	Units	Inventory Revaluation (179-109) (f)	Load Balancing Rate 01 (179-107) (g)	Load Balancing Rate 10 (179-107) (h)	Load Balancing Rate 20 (179-107) (i)	Spot Gas Variance Acct (179-107) (j)	Total (k) = sum (a):(j)
Deferral Amounts for Recovery								
Change in 12-month deferral account projection:								
1	12-month projection from current QRAM application	(1) (\$000's)	25,056	-	-	-	-	107,359
2	Less: Projection from previous QRAM application	(\$000's)	3,356	-	-	-	-	85,480
3	Change (Line 1 - Line 2)		21,700	-	-	-	-	21,880
Previous Quarter: True-up of Deferral Balances								
Variance between projected and actual deferral balances for month(s) with actual data since previous QRAM application:								
4	Actual deferral amount	(2) (\$000's)	2,734	-	-	-	-	9,328
5	Current projected deferral amount	(3) (\$000's)	(6)	-	-	-	-	(20,061)
6	Less: Previous projection included in recovery	(\$000's)	(33)	-	-	-	-	9,317
7	Variance (Line 4 + Line 5 - Line 6)	(\$000's)	2,761	-	-	-	-	(20,050)
8	Total Deferral Amounts for Recovery (Line 3 + Line 7)	(\$000's)	24,462	-	-	-	-	1,829
Previous Quarter: True-up of Prospective Recovery Amounts								
Variance between projected and actual prospective recovery for month(s) with actual data since previous QRAM application:								
9	Forecast prospective recovery amount	(\$000's)	(2,669)	-	-	-	30	20,341
10	Less: Actual prospective recovery amount	(\$000's)	(3,232)	-	-	-	37	23,828
11	Variance (Line 9 - Line 10)	(\$000's)	563	-	-	-	(7)	(3,486)
12	Total Amount for Prospective Recovery (Line 8 + Line 11)	(\$000's)	25,025	-	-	-	(7)	(1,657)
Calculation of Current Unit Rate for Prospective Recovery								
13	Applicable Forecast Billing Units (October 1, 2019 to September 30, 2020)	(10 ³ m ³)	4,636,826	980,190	335,841	106,927	316,943	
14	Current QRAM Unit Rate (Line 12 / Line 13 * 100)	(cents/m ³)	0.5397	-	-	-	(0.0022)	
Summary of Unit Rates								
15	Expiring Unit Rate Q4	(cents/m ³)	(0.3045)	-	-	0.0007	0.0734	
16	Unit Rate Q1	(cents/m ³)	(0.4718)	-	-	(0.0014)	0.0002	
17	Unit Rate Q2	(cents/m ³)	0.1276	-	-	-	(0.0042)	
18	Unit Rate Q3	(cents/m ³)	0.1079	-	-	-	(0.0033)	
19	Unit Rate Q4 Expiring rider replaced by new rider (Line 14)	(cents/m ³)	0.5397	-	-	-	(0.0022)	
20	Total Unit Rate - Prospective Recovery	(cents/m ³)	0.3034	-	-	(0.0014)	(0.0095)	
21	Change in Unit Rate (Line 14 - Line 15)	(cents/m ³)	0.8442	-	-	(0.0007)	(0.0756)	

Notes:

- (1) Exhibit E, Tab 1, Schedule 2, p. 1, Line 26.
- (2) Exhibit E, Tab 1, Schedule 2, p. 1, Lines 7+8+9 except Inventory Revaluation (179-109), which is Exhibit E, Tab 1, Schedule 2, p.1, Lines 8+9+10.
- (3) Exhibit E, Tab 1, Schedule 2, p. 1, Lines 10+11+12 except Inventory Revaluation (179-109), which is Exhibit E, Tab 1, Schedule 2, p.1, Lines 11+12.

UNION RATE ZONES
Summary of Unit Rates for Prospective Recovery

Line No.	Particulars (cents/m ³)	EB-2018-0331 Effective October 1, 2019 Unit Rate for Prospective Recovery (1) (a)	Change in Rider (2) (b)	EB-2019-0193 Effective October 1, 2019 Unit Rate for Prospective Recovery (3) (c) = (a + b)
<u>Commodity Unit Rates for Prospective Recovery</u>				
<u>Union North West</u>				
1	Union North West Purchase Gas Variance Account	(0.5101)	(0.2762)	(0.7863)
2	Inventory Revaluation	(0.5408)	0.8442	0.3034
3	Spot Gas	0.0661	(0.0756)	(0.0095)
4	Total Union North West Commodity Unit Rate	<u>(0.9848)</u>	<u>0.4924</u>	<u>(0.4924)</u>
<u>Union North East</u>				
5	Union North East Purchase Gas Variance Account	4.3542	(2.2384)	2.1158
6	Inventory Revaluation	(0.5408)	0.8442	0.3034
7	Spot Gas (4)	-	-	-
8	Total Union North East Commodity Unit Rate	<u>3.8134</u>	<u>(1.3942)</u>	<u>2.4192</u>
<u>Union South</u>				
9	South Purchase Gas Variance Account	3.9064	(2.1711)	1.7353
10	Inventory Revaluation	(0.5408)	0.8442	0.3034
11	Total South Commodity Unit Rate	<u>3.3656</u>	<u>(1.3269)</u>	<u>2.0387</u>
<u>Union North Transportation Unit Rates for Prospective Recovery</u>				
<u>Union North West</u>				
Rate 01				
12	Load Balancing	-	-	-
13	Union North West Tolls & Fuel Account	0.0310	(0.1457)	(0.1147)
14	Total Rate 01	<u>0.0310</u>	<u>(0.1457)</u>	<u>(0.1147)</u>
Rate 10				
15	Load Balancing	-	-	-
16	Union North West Tolls & Fuel Account	0.0310	(0.1457)	(0.1147)
17	Total Rate 10	<u>0.0310</u>	<u>(0.1457)</u>	<u>(0.1147)</u>
Rate 20				
18	Load Balancing	(0.0007)	(0.0007)	(0.0014)
19	Union North West Tolls & Fuel Account	0.0310	(0.1457)	(0.1147)
20	Total Rate 20	<u>0.0303</u>	<u>(0.1464)</u>	<u>(0.1161)</u>
<u>Union North East</u>				
Rate 01				
21	Load Balancing	-	-	-
22	Union North East Tolls & Fuel Account	(1.5284)	(0.0013)	(1.5297)
23	Total Rate 01	<u>(1.5284)</u>	<u>(0.0013)</u>	<u>(1.5297)</u>
Rate 10				
24	Load Balancing	-	-	-
25	Union North East Tolls & Fuel Account	(1.5284)	(0.0013)	(1.5297)
26	Total Rate 10	<u>(1.5284)</u>	<u>(0.0013)</u>	<u>(1.5297)</u>
Rate 20				
27	Load Balancing	(0.0007)	(0.0007)	(0.0014)
28	Union North East Tolls & Fuel Account	(1.5284)	(0.0013)	(1.5297)
29	Total Rate 20	<u>(1.5291)</u>	<u>(0.0020)</u>	<u>(1.5311)</u>

Notes:

- (1) EB-2019-0155, Exhibit E, Tab 2, Schedule 4, p.3, Column (c).
- (2) Exhibit E, Tab 2, Schedule 4, p. 1-2, line 21.
- (3) Exhibit E, Tab 2, Schedule 4, p. 1-2, line 20.
- (4) Effective October 2018 QRAM the Spot Gas Variance Account rider is related to Union North West Zone only.

UNION RATE ZONES
 Union South
General Service Customer Bill Impacts

Line No.	Particulars	Rate M1 - Residential (Annual Consumption of 2,200 m ³)			Rate M2 - Commercial (Annual Consumption of 73,000 m ³)		
		EB-2018-0331 Approved 01-Oct-19 Total Bill (\$) (1) (a)	EB-2019-0193 Proposed 01-Oct-19 Total Bill (\$) (1) (b)	Impact (\$) (c) = (b) - (a)	EB-2018-0331 Approved 01-Oct-19 Total Bill (\$) (1) (d)	EB-2019-0193 Proposed 01-Oct-19 Total Bill (\$) (1) (e)	Impact (\$) (f) = (e) - (d)
	<u>Delivery Charges</u>						
1	Monthly Charge	264.00	264.00	-	852.00	852.00	-
2	Delivery Commodity Charge	105.87	105.22	(0.65)	3,601.12	3,582.49	(18.63)
3	Storage Services	16.12	16.12	-	473.26	473.26	-
4	Total Delivery Charge	<u>385.99</u>	<u>385.34</u>	<u>(0.65)</u>	<u>4,926.38</u>	<u>4,907.75</u>	<u>(18.63)</u>
5	Federal Carbon Charge	86.01	86.01	-	2,854.31	2,854.31	-
	<u>Supply Charges</u>						
6	Transportation to Union	-	-	-	-	-	-
7	Commodity	284.46	248.53	(35.93)	9,438.97	8,246.74	(1,192.23)
8	Prospective Recovery - Commodity	74.04 (2)	44.85 (3)	(29.19)	2,456.89 (2)	1,488.27 (3)	(968.62)
9	Subtotal	<u>358.50</u>	<u>293.38</u>	<u>(65.12)</u>	<u>11,895.86</u>	<u>9,735.01</u>	<u>(2,160.85)</u>
10	Total Gas Supply Charge	358.50	293.38	(65.12)	11,895.86	9,735.01	(2,160.85)
11	Total Bill	<u><u>830.50</u></u>	<u><u>764.73</u></u>	<u><u>(65.77)</u></u>	<u><u>19,676.55</u></u>	<u><u>17,497.07</u></u>	<u><u>(2,179.48)</u></u>
12	Total Bill Excluding Federal Carbon Charge	<u><u>744.49</u></u>	<u><u>678.72</u></u>	<u><u>(65.77)</u></u>	<u><u>16,822.24</u></u>	<u><u>14,642.76</u></u>	<u><u>(2,179.48)</u></u>
	<u>Impacts</u>						
13	Sales Service			(65.77)			(2,179.48)
14	Direct Purchase			(0.65)			(18.63)
15	Total Bill Impact			(7.9%)			(11.1%)
16	Commodity Bill Impact			(18.2%) (4)			(18.2%) (4)

Notes:

- (1) Excludes temporary charges/(credits).
- (2) Prospective recovery charge of 3.3656 cents/m³ for 12 months.
- (3) Prospective recovery charge of 2.0387 cents/m³ for 12 months.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 8.

UNION RATE ZONES
Union North
General Service Customer Bill Impacts

Line No.	Particulars	Union North West Rate 01 - Residential (Annual Consumption of 2,200 m ³)			Union North East Rate 01 - Residential (Annual Consumption of 2,200 m ³)		
		EB-2018-0331 Approved 01-Oct-19 Total Bill (\$) (1)	EB-2019-0193 Proposed 01-Oct-19 Total Bill (\$) (1)	Impact (\$) (c) = (b) - (a)	EB-2018-0331 Approved 01-Oct-19 Total Bill (\$) (1)	EB-2019-0193 Proposed 01-Oct-19 Total Bill (\$) (1)	Impact (\$) (f) = (e) - (d)
		(a)	(b)	(c) = (b) - (a)	(d)	(e)	(f) = (e) - (d)
	<u>Delivery Charges</u>						
1	Monthly Charge	264.00	264.00	-	264.00	264.00	-
2	Delivery Commodity Charge	202.84	201.75	(1.09)	202.84	201.75	(1.09)
3	Total Delivery Charge	466.84	465.75	(1.09)	466.84	465.75	(1.09)
4	Federal Carbon Charge	86.01	86.01	-	86.01	86.01	-
	<u>Supply Charges</u>						
5	Transportation to Union	124.75	120.76	(3.99)	46.68	45.24	(1.44)
6	Prospective Recovery - Transportation	0.67 (2)	(2.52) (3)	(3.19)	(33.63) (4)	(33.66) (5)	(0.03)
7	Storage Services	45.89	45.56	(0.33)	115.57	113.92	(1.65)
8	Prospective Recovery - Storage	-	-	-	-	-	-
9	Subtotal	171.31	163.80	(7.51)	128.62	125.50	(3.12)
10	Commodity	230.63	204.90	(25.73)	290.68	254.75	(35.93)
11	Prospective Recovery - Commodity & Fuel	(21.67) (6)	(10.81) (7)	10.86	83.90 (8)	53.22 (9)	(30.68)
12	Subtotal	208.96	194.09	(14.87)	374.58	307.97	(66.61)
13	Total Gas Supply Charge	380.27	357.89	(22.38)	503.20	433.47	(69.73)
14	Total Bill	933.12	909.65	(23.47)	1,056.05	985.23	(70.82)
15	Total Bill Excluding Federal Carbon Charge	847.11	823.64	(23.47)	970.04	899.22	(70.82)
	<u>Impacts</u>						
16	Sales Service			(23.47)			(70.82)
17	Direct Purchase			(8.60)			(4.21)
18	Total Bill Impact			(2.5%)			(6.7%)
19	Commodity Bill Impact			(7.1%) (10)			(17.8%) (10)

Notes:

- (1) Excludes temporary charges/(credits).
- (2) Prospective recovery charge of 0.0310 cents/m³ for 12 months.
- (3) Prospective recovery credit of (0.1147) cents/m³ for 12 months.
- (4) Prospective recovery credit of (1.5284) cents/m³ for 12 months.
- (5) Prospective recovery credit of (1.5297) cents/m³ for 12 months.
- (6) Prospective recovery credit of (0.9848) cents/m³ for 12 months.
- (7) Prospective recovery credit of (0.4924) cents/m³ for 12 months.
- (8) Prospective recovery charge of 3.8134 cents/m³ for 12 months.
- (9) Prospective recovery charge of 2.4192 cents/m³ for 12 months.
- (10) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 11.

UNION RATE ZONES
 Union North
General Service Customer Bill Impacts

Line No.	Particulars	Union North West Rate 10 - Commercial / Industrial (Annual Consumption of 93,000 m ³)			Union North East Rate 10 - Commercial / Industrial (Annual Consumption of 93,000 m ³)		
		EB-2018-0331 Approved 01-Oct-19 Total Bill (\$) (1)	EB-2019-0193 Proposed 01-Oct-19 Total Bill (\$) (1)	Impact (\$) (c) = (b) - (a)	EB-2018-0331 Approved 01-Oct-19 Total Bill (\$) (1)	EB-2019-0193 Proposed 01-Oct-19 Total Bill (\$) (1)	Impact (\$) (f) = (e) - (d)
		(a)	(b)	(c) = (b) - (a)	(d)	(e)	(f) = (e) - (d)
	<u>Delivery Charges</u>						
1	Monthly Charge	852.00	852.00	-	852.00	852.00	-
2	Delivery Commodity Charge	6,067.83	6,029.32	(38.51)	6,067.83	6,029.32	(38.51)
3	Total Delivery Charge	6,919.83	6,881.32	(38.51)	6,919.83	6,881.32	(38.51)
4	Federal Carbon Charge	3,636.30	3,636.30	-	3,636.30	3,636.30	-
	<u>Supply Charges</u>						
5	Transportation to Union	4,614.66	4,464.75	(149.91)	1,805.78	1,749.34	(56.44)
6	Prospective Recovery - Transportation	28.84 (2)	(106.67) (3)	(135.51)	(1,421.42) (4)	(1,422.62) (5)	(1.20)
7	Storage Services	1,464.18	1,451.07	(13.11)	3,491.13	3,440.74	(50.39)
8	Prospective Recovery - Storage	-	-	-	-	-	-
9	Subtotal	6,107.68	5,809.15	(298.53)	3,875.49	3,767.46	(108.03)
10	Commodity	9,750.03	8,662.47	(1,087.56)	12,287.62	10,768.74	(1,518.88)
11	Prospective Recovery - Commodity & Fuel	(915.85) (6)	(457.94) (7)	457.91	3,546.48 (8)	2,249.87 (9)	(1,296.61)
12	Subtotal	8,834.18	8,204.53	(629.65)	15,834.10	13,018.61	(2,815.49)
13	Total Gas Supply Charge	14,941.86	14,013.68	(928.18)	19,709.59	16,786.07	(2,923.52)
14	Total Bill	25,497.99	24,531.30	(966.69)	30,265.72	27,303.69	(2,962.03)
15	Total Bill Excluding Federal Carbon Charge	21,861.69	20,895.00	(966.69)	26,629.42	23,667.39	(2,962.03)
	<u>Impacts</u>						
15	Sales Service			(966.69)			(2,962.03)
16	Direct Purchase			(337.04)			(146.54)
17	Total Bill Impact			(3.8%)			(9.8%)
18	Commodity Bill Impact			(7.1%) (10)			(17.8%) (10)

Notes:

- (1) Excludes temporary charges/(credits).
- (2) Prospective recovery charge of 0.0310 cents/m³ for 12 months.
- (3) Prospective recovery credit of (0.1147) cents/m³ for 12 months.
- (4) Prospective recovery credit of (1.5284) cents/m³ for 12 months.
- (5) Prospective recovery credit of (1.5297) cents/m³ for 12 months.
- (6) Prospective recovery credit of (0.9848) cents/m³ for 12 months.
- (7) Prospective recovery credit of (0.4924) cents/m³ for 12 months.
- (8) Prospective recovery charge of 3.8134 cents/m³ for 12 months.
- (9) Prospective recovery charge of 2.4192 cents/m³ for 12 months.
- (10) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 11.

UNION RATE ZONES
 Union North
 Calculation of Supplemental Service Charges
 Commissioning and Decommissioning Rates
 Effective October 1, 2019

Line No.	Particulars	Union North West (a)	Union North East (b)
<u>Rate 20 - At 50% Load Factor</u>			
<u>Delivery (cents / m³)</u>			
1	Monthly Demand (1)	28.6515	28.6515
2	Line 1 x 12 months	343.8180	343.8180
3	Line 2 / 365 days	0.9420	0.9420
4	Line 3 @ 50% Load Factor	1.8839	1.8839
5	Delivery Commodity Charge (1)	0.5297	0.5297
6	Total Delivery Commissioning and Decommissioning	<u>2.4136</u>	<u>2.4136</u>
<u>Gas Supply (cents / m³)</u>			
7	Monthly Demand (1)	47.7854	39.5213
8	Gas Supply Demand - Price Adjustment (1)	-	-
9	(Line 7 + Line 8) x 12 months	573.4248	474.2556
10	Line 9 / 365 days	1.5710	1.2993
11	Line 10 @ 50% Load Factor	<u>3.1421</u>	<u>2.5987</u>
12	Commodity Transportation 1 (1)	2.9078	1.2792
13	Commodity Transportation 1 - Price Adjustment (1)	(0.1161)	(1.5311)
14	(Line 12 + Line 13) x (4/5)	<u>2.2334</u>	<u>(0.2015)</u>
15	Commodity Transportation 2 (1)	-	-
16	Line 15 * (1/5)	-	-
17	Total Commodity Transportation Charge for Commissioning and Decommissioning Rate	<u>5.3754</u>	<u>2.3971</u>
<u>Rate 100 - At 70% Load Factor</u>			
<u>Delivery (cents / m³)</u>			
18	Monthly Demand (2)	15.0877	15.0877
19	Line 18 x 12 months	181.0524	181.0524
20	Line 19 / 365 days	0.4960	0.4960
21	Line 20 @ 70% Load Factor	0.7086	0.7086
22	Commodity Charge (2)	0.2199	0.2199
23	Total Delivery Commissioning and Decommissioning	<u>0.9285</u>	<u>0.9285</u>
<u>Gas Supply (cents / m³)</u>			
24	Monthly Demand (2)	90.5702	124.8593
25	Line 24 x 12 months	1,086.8424	1,498.3116
26	Line 25 / 365 days	2.9777	4.1050
27	Line 26 @ 70% Load Factor	<u>4.2538</u>	<u>5.8642</u>
28	Commodity Transportation 1 (2)	5.0829	7.1437
29	Line 28 * (3/7)	<u>2.1784</u>	<u>3.0616</u>
30	Commodity Transportation 2 (2)	-	-
31	Line 30 * (4/7)	-	-
32	Total Commodity Transportation Charge for Commissioning and Decommissioning Rate	<u>6.4322</u>	<u>8.9258</u>

Notes:
 (1) Appendix A, p.3.
 (2) Appendix A, p.4.

UNION RATE ZONES
 Union South
 Calculation of Supplemental Service Charges
 Effective October 1, 2019

Line No.	Particulars	cents / m ³ (a)	\$ / GJ (b)
<u>Minimum Annual Gas Supply Commodity Charge - Rate M4, Rate M5A</u>			
1	Compressor Fuel	-	
2	Transportation Tolls	-	
3	Administration Charge	0.1893	
4	Minimum annual gas supply commodity charge	<u>0.1893</u>	<u>0.049</u>
<u>Gas Supply Commodity Charges</u>			
5	Commodity Cost of Gas	11.3900	
6	FT Transportation Commodity	-	
7	FT Fuel	-	
8	Total Gas Supply Commodity Charge	<u>11.3900</u>	<u>2.922</u>
<u>Firm Gas Supply Service Monthly Demand Charge</u>			
9	FT Demand Charge	<u>182.9955</u>	<u>46.946</u>
<u>Firm Backstop Gas:</u>			
Demand:			
10	Monthly space charge	0.0429	
11	Units required (1)	43	
12	Number of months	<u>12</u>	22.1250 (a)
Inventory carrying costs:			
13	Sales WACOG	11.2969	
14	Overrun storage withdrawal	<u>0.3118</u>	
15		11.6087	
16	Units required (m ³)	43	
17	Pre-tax return (%)	8.170%	40.7827 (b)
18	Annual demand charge		62.9077 (a) + (b)
19	Number of months		<u>12</u>
20	Monthly demand charge		<u>5.2423</u>
Commodity:			
21	Sales WACOG	11.2969	
22	Overrun storage withdrawal	0.3118	
23	Rate T1 - Overrun transportation	1.4783	
24	Rate T1 - Facility Carbon charge	0.0084	
25	Commodity charge	<u>13.0954</u>	<u>3.360</u>

Notes:

(1) Each unit of added delivery requires 43 m³ of additional inventory.

UNION RATE ZONES
 Union South
 Calculation of Supplemental Service Charges
 Effective October 1, 2019

Line No.	Particulars	cents / m ³ (a)	\$ / GJ (b)
	<u>Reasonable Efforts Backstop Gas:</u>		
1	Rate M1 - Block 1 delivery rate	5.0464	
2	Rate M1 - Storage rate	0.7331	
3	Rate M1 - Facility Carbon charge	0.0084	
4	Sales WACOG	11.2969	
5	Total	17.0848	4.383
	<u>Supplemental Inventory:</u>		
6	Sales WACOG	11.2969	
7	Injection commodity	0.1316	
8	Space charge (p.2, line 10 x 12)	0.5145	
9		11.9430	3.064
	Carrying costs (1/2 year)		
10	(line 8 x p.2, line 17) / 2	0.4879	
11	Total (line 8 + line 9)	12.4309	3.189
	<u>Supplemental Gas Sales:</u>		
12	Supplemental inventory	12.4309	
13	Overrun storage withdrawal	0.3118	
14	Rate T1 - Overrun transportation	1.4783	
15	Rate T1 - Facility Carbon charge	0.0084	
16	Total	14.2294	
	<u>Failure to Deliver:</u>		
17	Rate M1 - Block 1 delivery rate	5.0464	
18	Rate M1 - Storage rate	0.7331	
19	Rate M1 - Facility Carbon charge	0.0084	0.002
20	Failure to Deliver Adjustment	5.1708	1.327
21	Failure to Deliver Charge	10.9587	2.811
	<u>Parkway Delivery Commitment Incentive ("PDCI")</u>		
22	Rate M12 Dawn to Parkway demand rate (1)		3.716
23	Line 19 x 12 months		44.5920
24	Line 20 / 365 days		0.122
25	Rate M12 average Dawn to Parkway (TCPL / EGT) fuel rate (2)		0.028
26	Rate M12 Dawn to Parkway Facility Carbon Charge (3)		0.002
27	Total (line 21 + line 22)		(0.152)

Notes:

- (1) Appendix A, p.14, line 2, column (c).
- (2) EB-2017-0087, Rate Order, Appendix B, Rate M12 Rate Schedule C, p.1, average of Dawn to Parkway (TCPL / EGT) monthly fuel ratio at October 2017 QRAM Dawn Reference WACOG.

UNION RATE ZONES
 Union South
 Calculation of Supplemental Service Charges
 Calculation of Minimum & Maximum Charges
 Effective October 1, 2019

Line No.	Particulars	cents / m ³ (a)
<u>Minimum Charges</u>		
1	Rate M4 (F) Minimum annual delivery commodity charge:	
2	Monthly delivery commodity charge (Rate M4 1st Block)	1.5210
3	Gas Supply Admin Charge	0.1893
	Minimum annual delivery commodity charge	<u>1.7103</u>
4	Rate M4 (I) / M5 Minimum annual delivery commodity charge:	
5	Monthly delivery commodity charge (Rate M5 1st Block)	2.9988
6	Gas Supply Admin Charge	0.1893
	Minimum annual delivery commodity charge	<u>3.1881</u>
<u>Maximum Charges</u>		
7	Rate 25 Interruptible Average Rate 10 Firm Delivery Charge	5.7787
8	Percent of Average Firm Delivery Price	90%
9	Rate 25 Maximum interruptible delivery commodity charge	<u>5.2008</u>
10	Rate M7 Interruptible Maximum interruptible delivery commodity charge:	
11	Rate M7 firm commodity charge	0.3094
12	Rate M7 firm demand charge commoditized at a Load Factor of 18.69%	6.0962
	Rate M7 maximum interruptible charge	<u>6.4056</u>
13	Rate T1 Interruptible Maximum interruptible delivery commodity charge	<u>6.4056</u>
14	Rate T2 Interruptible Maximum interruptible delivery commodity charge	<u>6.4056</u>
<u>Rate M7 - Commissioning and Decommissioning Rate</u>		
Delivery (cents / m ³)		
15	Monthly Demand (1)	34.6517
16	Annual Demand (line 15 x 12 months)	415.8204
17	Daily Demand (line 16 / 365 days)	1.1392
18	@ Class Average Firm Load Factor of 26.70%	4.2674
19	Delivery Commodity Charge (1)	0.3094
20	Delivery - Price Adjustment	-
21	Total Delivery Commissioning and Decommissioning (line 18 + line 19 + line 20)	<u>4.5768</u>

Notes:
 (1) Appendix A, p.9.

UNION RATE ZONES
 Union South
 Calculation of Supplemental Service Charges
 Effective October 1, 2019

Line No.	Particulars	Union Supplies Fuel (a)	Customer Supplies Fuel (b)
<u>Rate T1 / Rate T2 / Rate T3 - At 100% Load Factor</u>			
Authorized Storage Overrun (\$ / GJ)			
1	Monthly Demand (1)	1.408	1.408
2	Annual Demand (line 1 x 12 months)	16.896	16.896
3	Daily Demand (line 2 / 365 days)	0.046	0.046
4	@ 100% Load Factor	0.046	0.046
5	Commodity Charge (2)	0.034	0.008
6	Total Storage Overrun (line 4 + line 5)	0.080	0.054
 <u>Rate T1 - At 100% Load Factor</u>			
Authorized Transportation Overrun (cents / m ³)			
7	Monthly Demand (3)	40.5921	40.5921
8	Annual Demand (line 7 x 12 months)	487.1052	487.1052
9	Daily Demand (line 8 / 365 days)	1.3345	1.3345
10	@ 100% Load Factor	1.3345	1.3345
11	Commodity Charge (4)	0.1438	0.1070
12	Total Transportation Overrun (line 10 + line 11)	1.4783	1.4415
 <u>Rate T2 - At 100% Load Factor</u>			
Authorized Transportation Overrun (cents / m ³)			
13	Monthly Demand (5)	32.0198	32.0198
14	Annual Demand (line 13 x 12 months)	384.2376	384.2376
15	Daily Demand (line 14 / 365 days)	1.0527	1.0527
16	@ 100% Load Factor	1.0527	1.0527
17	Commodity Charge (6)	0.0581	0.0245
18	Total Transportation Overrun (line 16 + line 17)	1.1108	1.0772
 <u>Rate T3 - At 100% Load Factor</u>			
Authorized Transportation Overrun (cents / m ³)			
19	Monthly Demand (7)	17.9898	17.9898
20	Annual Demand (line 19 x 12 months)	215.8776	215.8776
21	Daily Demand (line 20 / 365 days)	0.5914	0.5914
22	@ 100% Load Factor	0.5914	0.5914
23	Commodity Charge (8)	0.1070	0.0601
24	Total Transportation Overrun (line 22 + line 23)	0.6984	0.6515

Notes:

- (1) Appendix A, p.10.
- (2) Column (a) calculated as $WACOG / \text{Heat Value} * \text{Overrun Fuel Ratio} + \text{Injection Commodity} = \$113.900 / 10^3\text{m}^3 / 38.98 \text{ GJ}/10^3\text{m}^3 * 0.881\% + \$0.008/\text{GJ}$.
- (3) Appendix A, p.10.
- (4) Column (a) calculated as $WACOG / 10 * \text{Transportation Fuel Ratio} + \text{Firm Commodity Transport} = \$113.900 / 10^3\text{m}^3 / 10 * 0.323\% + 0.1070 \text{ cents}/\text{m}^3$.
- (5) Appendix A, p.11.
- (6) Column (a) calculated as $WACOG / 10 * \text{Transportation Fuel Ratio} + \text{Firm Commodity Transport} = \$113.900 / 10^3\text{m}^3 / 10 * 0.295\% + 0.0245 \text{ cents}/\text{m}^3$.
- (7) Appendix A, p.12.
- (8) Column (a) calculated as $WACOG / 10 * \text{Transportation Fuel Ratio} + \text{Firm Commodity Transport} = \$113.900 / 10^3\text{m}^3 / 10 * 0.412\% + 0.0601 \text{ cents}/\text{m}^3$.

UNION RATE ZONES
Union South
Calculation of Union Supplied Fuel Rates for
In-Franchise Semi-Unbundled Rate T1, Rate T2 and Rate T3
Effective October 1, 2019

Line No.	Particulars	Union Supplies Fuel (a)	Customer Supplies Fuel (b)
<u>Rate T1 Transportation Service (cents/m³)</u>			
1	Dawn Price as per EB-2019-0193	11.3900	
2	2018 Fuel Ratio as per EB-2019-0193	0.323%	
3	Fuel Rate (line 1 x line 2)	0.0368	
4	Firm Transportation Commodity Charge	0.1070	0.1070
5	All Volumes	<u>0.1438</u>	<u>0.1070</u>
6	Interruptible Transportation Commodity Charge - Maximum	<u>6.4056</u>	<u>6.3688</u>
<u>Rate T2 Transportation Service (cents/m³)</u>			
7	Dawn Price as per EB-2019-0193	11.3900	
8	2018 Fuel Ratio as per EB-2019-0193	0.295%	
9	Fuel Rate (line 7 x line 8)	0.0336	
10	Firm Transportation Commodity Charge	0.0245	0.0245
11	All Volumes	<u>0.0581</u>	<u>0.0245</u>
12	Interruptible Transportation Commodity Charge - Maximum	<u>6.4056</u>	<u>6.3720</u>
<u>Rate T3 Transportation Service (cents/m³)</u>			
13	Dawn Price as per EB-2019-0193	11.3900	
14	2018 Fuel Ratio as per EB-2019-0193	0.412%	
15	Fuel Rate (line 13 x line 14)	0.0469	
16	Firm Transportation Commodity Charge	0.0601	0.0601
17	All Volumes	<u>0.1070</u>	<u>0.0601</u>
<u>Rate T1, Rate T2 & Rate T3 Storage Service (\$/GJ)</u>			
18	Dawn Price as per EB-2019-0193	2.922	
19	2018 Fuel Ratio as per EB-2019-0193	0.408%	
20	Fuel Rate (line 18 x line 19)	0.012	
21	Storage Commodity Charge	0.008	0.008
22	All Volumes	<u>0.020</u>	<u>0.008</u>
<u>Rate T1, Rate T2 & Rate T3 Annual Firm Injection/Withdrawal Right</u>		<u>\$/ GJ</u>	
		(a)	
23	Customer provides deliverability Inventory Rate	1.184 (1)	
Inventory Carrying Costs			
24	Space	75,177,124 (2)	
25	Inventory Percentage	20%	
26	Inventory (line 24 x line 25)	<u>15,035,425</u>	
27	Dawn Price as per EB-2019-0193	2.922	
28	ICC %	8.2%	
29	Inventory Carrying Costs (line 26 * line 27 * line 28 / 1000)	<u>3,589</u>	
30	Deliverability Demand Allocation Units	1,332,764 (3)	
31	Line 29 / line 30 x 1000 / 12	0.224	
32	Union provides deliverability Inventory as per EB-2019-0193 (line 23 + line 31)	<u>1.408</u>	

Notes:

- (1) EB-2017-0087, Rate Order, Working Papers, Schedule 4, p.16, line 2, column (s).
- (2) EB-2011-0210, Rate Order, Working Papers, Schedule 19, p.2, line 8, column (b).
- (3) EB-2011-0210, Rate Order, Working Papers, Schedule 19, p.1, line 5, column (e).

EB-2019-0193
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Appendix B	Rate Schedules
Appendix C	Summary of Average Interruptible Rate and Price Adjustment Changes for Rates 25, M4, M5A, M7, T1 and T2
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Appendix E	Miscellaneous Non-Energy Charges

ENBRIDGE GAS INC.
 Union North
 Summary of Changes to Sales Rates
 Rate 01A - Small Volume General Firm Service

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
1	Monthly Charge - All Zones	\$22.00		\$22.00
	Monthly Delivery Charge - All Zones			
2	First 100 m ³	9.3678	(0.0505)	9.3173
3	Next 200 m ³	9.1279	(0.0505)	9.0774
4	Next 200 m ³	8.7486	(0.0505)	8.6981
5	Next 500 m ³	8.4004	(0.0505)	8.3499
6	Over 1,000 m ³	8.1127	(0.0505)	8.0622
7	Delivery - Price Adjustment (All Volumes)	(0.8530) (1)		(0.8530) (1)
	Carbon Charges			
8	Federal Carbon Charge (if applicable)	3.9100		3.9100
9	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
8	Cap-and-Trade Customer-Related Charge - Price Adjustment	(0.0173) (2)		(0.0173) (2)
9	Cap-and-Trade Facility-Related Charge - Price Adjustment	0.0130 (3)		0.0130 (3)
	Gas Transportation Service			
10	Union North West Zone	5.6705	(0.1815)	5.4890
11	Union North East Zone	2.1220	(0.0653)	2.0567
12	Transportation - Price Adjustment (Union North West)	0.0310 (4)	(0.1457)	(0.1147) (4)
13	Transportation - Price Adjustment (Union North East)	(1.5284) (4)	(0.0013)	(1.5297) (4)
	Storage Service			
14	Union North West Zone	2.0866	(0.0163)	2.0703
15	Union North East Zone	5.2529	(0.0755)	5.1774
16	Storage - Price Adjustment (Union North West)	-		-
17	Storage - Price Adjustment (Union North East)	-		-
	Commodity Cost of Gas and Fuel			
18	Union North West Zone	10.4839	(1.1694)	9.3145
19	Union North East Zone	13.2125	(1.6332)	11.5793
20	Commodity and Fuel - Price Adjustment (Union North West)	(0.9848) (4)	0.4924	(0.4924) (4)
21	Commodity and Fuel - Price Adjustment (Union North East)	3.8134 (4)	(1.3942)	2.4192 (4)
22	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Includes a temporary credit of (0.8249) cents/m³ expiring December 31, 2019, and a temporary credit of (0.0281) cents/m³ expiring December 31, 2019.
- (2) Includes a temporary credit of (0.0173) cents/m³ expiring December 31, 2019.
- (3) Includes a temporary charge of 0.0130 cents/m³ expiring December 31, 2019.
- (4) Prospective Recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.
 Union North
 Summary of Changes to Sales Rates
Rate 10 - Large Volume General Firm Service

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
1	Monthly Charge - All Zones	\$71.00		\$71.00
	Monthly Delivery Charge - All Zones			
2	First 1,000 m ³	7.8947	(0.0414)	7.8533
3	Next 9,000 m ³	6.4091	(0.0414)	6.3677
4	Next 20,000 m ³	5.7383	(0.0414)	5.6969
5	Next 70,000 m ³	5.1791	(0.0414)	5.1377
6	Over 100,000 m ³	3.0606	(0.0414)	3.0192
7	Delivery - Price Adjustment (All Volumes)	(0.9264) (1)		(0.9264) (1)
	Carbon Charges			
8	Federal Carbon Charge (if applicable)	3.9100		3.9100
9	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
8	Cap-and-Trade Customer-Related Charge - Price Adjustment	0.1934 (2)		0.1934 (2)
9	Cap-and-Trade Facility-Related Charge - Price Adjustment	0.0055 (3)		0.0055 (3)
	Gas Transportation Service			
10	Union North West Zone	4.9620	(0.1612)	4.8008
11	Union North East Zone	1.9417	(0.0607)	1.8810
12	Transportation - Price Adjustment (Union North West)	0.0310 (4)	(0.1457)	(0.1147) (4)
13	Transportation - Price Adjustment (Union North East)	(1.5284) (4)	(0.0013)	(1.5297) (4)
	Storage Service			
14	Union North West Zone	1.5744	(0.0141)	1.5603
15	Union North East Zone	3.7539	(0.0542)	3.6997
16	Storage - Price Adjustment (Union North West)	-		-
17	Storage - Price Adjustment (Union North East)	-		-
	Commodity Cost of Gas and Fuel			
18	Union North West Zone	10.4839	(1.1694)	9.3145
19	Union North East Zone	13.2125	(1.6332)	11.5793
20	Commodity and Fuel - Price Adjustment (Union North West)	(0.9848) (4)	0.4924	(0.4924) (4)
21	Commodity and Fuel - Price Adjustment (Union North East)	3.8134 (4)	(1.3942)	2.4192 (4)
22	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Includes a temporary credit of (0.9298) cents/m³ expiring December 31, 2019, and a temporary charge of 0.0034 cents/m³ expiring December 31, 2019.
- (2) Includes a temporary charge of 0.1934 cents/m³ expiring December 31, 2019.
- (3) Includes a temporary charge of 0.0055 cents/m³ expiring December 31, 2019.
- (4) Prospective Recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.
Union North
Summary of Changes to Sales Rates
Rate 20 - Medium Volume Firm Service

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
1	Monthly Charge	\$861.69		\$861.69
	Delivery Demand Charge			
2	First 70,000 m ³	28.6515		28.6515
3	All over 70,000 m ³	16.8485		16.8485
	Delivery Commodity Charge			
4	First 852,000 m ³	0.5372	(0.0075)	0.5297
5	All over 852,000 m ³	0.3831	(0.0075)	0.3756
	Carbon Charges			
6	Federal Carbon Charge (if applicable)	3.9100		3.9100
7	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
	Monthly Gas Supply Demand Charge			
8	Union North West Zone	49.1542	(1.3688)	47.7854
9	Union North East Zone	40.3465	(0.8252)	39.5213
10	Gas Supply Demand - Price Adjustment (All Zones)	-		-
	Commodity Transportation 1			
11	Union North West Zone	3.0048	(0.0970)	2.9078
12	Union North East Zone	1.3505	(0.0713)	1.2792
13	Transportation 1 - Price Adjustment (Union North West)	0.0303 (1)	(0.1464)	(0.1161) (1)
14	Transportation 1 - Price Adjustment (Union North East)	(1.5291) (1)	(0.0020)	(1.5311) (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	10.1960	(1.1367)	9.0593
18	Union North East Zone	12.8483	(1.5875)	11.2608
19	Commodity and Fuel - Price Adjustment (Union North West)	(0.9848) (1)	0.4924	(0.4924) (1)
20	Commodity and Fuel - Price Adjustment (Union North East)	3.8134 (1)	(1.3942)	2.4192 (1)
	Bundled Storage Service (\$/GJ)			
21	Monthly Demand Charge	16.336	(0.173)	16.163
22	Commodity Charge	0.207	(0.003)	0.204
23	Storage Demand - Price Adjustment	-		-

Notes:

(1) Prospective Recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.
 Union North
 Summary of Changes to Sales Rates
 Rate 100 - Large Volume High Load Factor Firm Service

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
1	Monthly Charge	\$1,342.41		\$1,342.41
2	Delivery Demand Charge All Zones	15.0877		15.0877
3	Delivery Commodity Charge All Zones	0.2200	(0.0001)	0.2199
4	Carbon Charges			
5	Federal Carbon Charge (if applicable)	3.9100		3.9100
5	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
6	Monthly Gas Supply Demand Charge Union North West Zone	93.7716	(3.2014)	90.5702
7	Union North East Zone	129.3014	(4.4421)	124.8593
8	Gas Supply Demand - Price Adjustment (All Zones)	-		-
9	Commodity Transportation 1 Union North West Zone	5.2625	(0.1796)	5.0829
10	Union North East Zone	7.3978	(0.2541)	7.1437
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	10.1960	(1.1367)	9.0593
16	Union North East Zone	12.8483	(1.5875)	11.2608
17	Commodity and Fuel - Price Adjustment (Union North West)	(0.9848) (1)	0.4924	(0.4924) (1)
18	Commodity and Fuel - Price Adjustment (Union North East)	3.8134 (1)	(1.3942)	2.4192 (1)
19	Bundled Storage Service (\$/GJ) Monthly Demand Charge	16.336	(0.173)	16.163
20	Commodity Charge	0.207	(0.003)	0.204
21	Storage Demand - Price Adjustment	-		-

Notes:

(1) Prospective Recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.
 Union North
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
1	<u>Rate 25 - Large Volume Interruptible Service</u> Monthly Charge	\$289.76		\$289.76
2	Delivery Charge - All Zones (1) Maximum	5.2381	(0.0373)	5.2008
3	Carbon Charges Federal Carbon Charge (if applicable)	3.9100		3.9100
4	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
5	Gas Supply Charges - All Zones Minimum	1.4848		1.4848
6	Maximum	675.9484		675.9484

Notes:

(1) Refer to Appendix C.

ENBRIDGE GAS INC.
Union South
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
<u>Utility Sales</u>				
1	Commodity and Fuel	12.9301	(1.6332)	11.2969
2	Commodity and Fuel - Price Adjustment	3.3656 (1)	(1.3269)	2.0387 (1)
3	Transportation	-		-
4	Total Gas Supply Commodity Charge	16.2957	(2.9601)	13.3356
 <u>M4 Firm Commercial/Industrial</u>				
5	Minimum annual gas supply commodity charge	0.1893		0.1893
 <u>M4 / M5A Interruptible Commercial/Industrial</u>				
6	Minimum annual gas supply commodity charge	0.1893		0.1893
 <u>Storage and Transportation Supplemental Services - Rate T1, Rate T2 & Rate T3</u>				
		<u>\$/GJ</u>		<u>\$/GJ</u>
Monthly demand charges: (\$/GJ)				
7	Firm gas supply service	46.946		46.946
8	Firm backstop gas	1.469	(0.124)	1.345
Commodity charges:				
9	Gas supply	3.341	(0.419)	2.922
10	Backstop gas	3.785	(0.425)	3.360
11	Reasonable Efforts Backstop Gas	4.809	(0.426)	4.383
12	Supplemental Inventory	Note (2)		Note (2)
13	Supplemental Gas Sales Service (cents/m ³)	15.9691	(1.7397)	14.2294
14	Failure to Deliver	2.819	(0.007)	2.811
15	Discretionary Gas Supply Service (DGSS)	Note (3)		Note (3)

Notes:

- (1) Prospective Recovery of gas supply deferral accounts.
- (2) 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.
- (3) Reflects the "back to back" price plus gas supply administration charge.

ENBRIDGE GAS INC.
 Union South
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
<u>Rate M1 - Small Volume General Service Rate</u>				
1	Monthly Charge	\$22.00		\$22.00
2	First 100 m ³	5.0755	(0.0291)	5.0464
3	Next 150 m ³	4.8117	(0.0291)	4.7826
4	All over 250 m ³	4.1300	(0.0291)	4.1009
5	Delivery - Price Adjustment (All Volumes)	0.4074 (1)		0.4074 (1)
Carbon Charges				
6	Federal Carbon Charge (if applicable)	3.9100		3.9100
7	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
6	Cap-and-Trade Customer-Related Charge - Price Adjustment	0.0757 (2)		0.0757 (2)
7	Cap-and-Trade Facility-Related Charge - Price Adjustment	0.0054 (3)		0.0054 (3)
8	Storage Service	0.7331		0.7331
9	Storage - Price Adjustment	-		-
10	System Expansion Surcharge (if applicable)	23.0000		23.0000
<u>Rate M2 - Large Volume General Service Rate</u>				
11	Monthly Charge	\$71.00		\$71.00
12	First 1,000 m ³	5.0492	(0.0255)	5.0237
13	Next 6,000 m ³	4.9534	(0.0255)	4.9279
14	Next 13,000 m ³	4.7720	(0.0255)	4.7465
15	All over 20,000 m ³	4.4215	(0.0255)	4.3960
16	Delivery - Price Adjustment (All Volumes)	(0.4547) (4)		(0.4547) (4)
Carbon Charges				
17	Federal Carbon Charge (if applicable)	3.9100		3.9100
18	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
17	Cap-and-Trade Customer-Related Charge - Price Adjustment	0.0688 (5)		0.0688 (5)
18	Cap-and-Trade Facility-Related Charge - Price Adjustment	0.0028 (6)		0.0028 (6)
19	Storage Service	0.6483		0.6483
20	Storage - Price Adjustment	-		-
21	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Includes a temporary charge of 0.4203 cents/m³ expiring December 31, 2019, and a temporary credit of (0.0129) cents/m³ expiring December 31, 2019.
- (2) Includes a temporary charge of 0.0757 cents/m³ expiring December 31, 2019.
- (3) Includes a temporary charge of 0.0054 cents/m³ expiring December 31, 2019.
- (4) Includes a temporary credit of (0.4525) cents/m³ expiring December 31, 2019, and a temporary credit of (0.0022) cents/m³ expiring December 31, 2019.
- (5) Includes a temporary charge of 0.0688 cents/m³ expiring December 31, 2019.
- (6) Includes a temporary charge of 0.0028 cents/m³ expiring December 31, 2019.

ENBRIDGE GAS INC.
Union South
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
<u>Rate M4 - Firm comm/ind contract rate</u>				
Monthly demand charge:				
1	First 8,450 m ³	61.6807		61.6807
2	Next 19,700 m ³	27.6561		27.6561
3	All over 28,150 m ³	23.2349		23.2349
Monthly delivery commodity charge:				
4	First block	1.5466	(0.0256)	1.5210
5	All remaining use	0.5885	(0.0256)	0.5629
6	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
7	Federal Carbon Charge (if applicable)	3.9100		3.9100
8	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
9	Minimum annual firm delivery commodity charge	1.7359	(0.0256)	1.7103
<u>Interruptible contracts (1)</u>				
10	Monthly Charge	\$645.34		\$645.34
Daily delivery commodity charge:				
11	2,400 m ³ to 17,000 m ³	3.0234	(0.0246)	2.9988
12	17,000 m ³ to 30,000 m ³	2.8935	(0.0246)	2.8689
13	30,000 m ³ to 50,000 m ³	2.8252	(0.0246)	2.8006
14	50,000 m ³ to 60,000 m ³	2.7773	(0.0246)	2.7527
15	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
16	Federal Carbon Charge (if applicable)	3.9100		3.9100
17	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
18	Minimum annual interruptible delivery commodity charge	3.2127	(0.0246)	3.1881
<u>Rate M5A - interruptible comm/ind contract</u>				
<u>Firm contracts (1)</u>				
19	Monthly demand charge	34.4858		34.4858
20	Monthly delivery commodity charge	2.3393	(0.0246)	2.3147
21	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
22	Federal Carbon Charge (if applicable)	3.9100		3.9100
23	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
<u>Interruptible contracts (1)</u>				
24	Monthly Charge	\$645.34		\$645.34
Daily delivery commodity charge:				
25	2,400 m ³ to 17,000 m ³	3.0234	(0.0246)	2.9988
26	17,000 m ³ to 30,000 m ³	2.8935	(0.0246)	2.8689
27	30,000 m ³ to 50,000 m ³	2.8252	(0.0246)	2.8006
28	50,000 m ³ to 60,000 m ³	2.7773	(0.0246)	2.7527
29	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
30	Federal Carbon Charge (if applicable)	3.9100		3.9100
31	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
32	Minimum annual interruptible delivery commodity charge	3.2127	(0.0246)	3.1881

Notes:

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

ENBRIDGE GAS INC.
 Union South
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
<u>Rate M7 - Special large volume contract</u>				
<u>Firm</u>				
1	Monthly demand charge	34.6517		34.6517
2	Monthly delivery commodity charge	0.3364	(0.0270)	0.3094
3	Delivery - Price Adjustment	-		-
<u>Interruptible (1)</u>				
4	Monthly delivery commodity charge: Maximum	6.4326	(0.0270)	6.4056
5	Delivery - Price Adjustment	-		-
<u>Seasonal (1)</u>				
6	Monthly delivery commodity charge: Maximum	6.1885	(0.0270)	6.1615
7	Delivery - Price Adjustment	-		-
<u>Carbon Charges</u>				
8	Federal Carbon Charge (if applicable)	3.9100		3.9100
9	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
<u>Rate M9 - Large wholesale service</u>				
10	Monthly demand charge	23.5428		23.5428
11	Monthly delivery commodity charge	0.1567	(0.0229)	0.1338
12	Delivery - Price Adjustment	-		-
13	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084
<u>Rate M10 - Small wholesale service</u>				
14	Monthly delivery commodity charge	7.1543	(0.0326)	7.1217
15	Facility Carbon Charge (in addition to Delivery Charge)	0.0084		0.0084

Notes:

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

ENBRIDGE GAS INC.
 Union South
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 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	1.441	(0.033)	1.408
3	Customer provides deliverability inventory	1.184		1.184
4	Firm incremental injection	1.184		1.184
5	Interruptible withdrawal	1.184		1.184
Commodity charges:				
6	Withdrawal	0.022	(0.002)	0.020
7	Customer provides compressor fuel	0.008		0.008
8	Injection	0.022	(0.002)	0.020
9	Customer provides compressor fuel	0.008		0.008
10	Storage fuel ratio - customer provides fuel	0.408%		0.408%
<u>Transportation (cents / m³)</u>				
11	Monthly demand charge first 28,150 m ³	40.5921		40.5921
12	Monthly demand charge next 112,720 m ³	28.0445		28.0445
Firm commodity charges:				
13	Union provides compressor fuel - All volumes	0.1491	(0.0053)	0.1438
14	Customer provides compressor fuel - All volumes	0.1070		0.1070
Interruptible commodity charges: (1)				
15	Maximum - Union provides compressor fuel	6.4326	(0.0270)	6.4056
16	Maximum - customer provides compressor fuel	6.3905	(0.0217)	6.3688
Carbon Charges				
17	Federal Carbon Charge (if applicable)	3.9100		3.9100
18	Facility Carbon Charge (in addition to Transportation Commodity Charge(s))	0.0084		0.0084
19	Transportation fuel ratio - customer provides fuel	0.323%		0.323%
<u>Authorized overrun services</u>				
<u>Storage (\$ / GJ)</u>				
Commodity charges				
20	Injection / Withdrawals	0.085	(0.005)	0.080
21	Customer provides compressor fuel	0.055	(0.001)	0.054
22	Transportation commodity charge (cents/m ³)	1.4836	(0.0053)	1.4783
23	Customer provides compressor fuel	1.4415		1.4415
Carbon Charges				
24	Federal Carbon Charge (if applicable)	3.9100		3.9100
25	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084		0.0084
26	<u>Monthly Charge</u>	\$1,897.28		\$1,897.28

Notes:

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

ENBRIDGE GAS INC.
Union South
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 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	1.441	(0.033)	1.408
3	Customer provides deliverability inventory	1.184		1.184
4	Firm incremental injection	1.184		1.184
5	Interruptible withdrawal	1.184		1.184
Commodity charges:				
6	Withdrawal	0.022	(0.002)	0.020
7	Customer provides compressor fuel	0.008		0.008
8	Injection	0.022	(0.002)	0.020
9	Customer provides compressor fuel	0.008		0.008
10	Storage fuel ratio - customer provides fuel	0.408%		0.408%
<u>Transportation (cents / m³)</u>				
11	Monthly demand charge first 140,870 m ³	32.0198		32.0198
12	Monthly demand charge all over 140,870 m ³	16.9369		16.9369
Firm commodity charges:				
13	Union provides compressor fuel - All volumes	0.0629	(0.0048)	0.0581
14	Customer provides compressor fuel - All volumes	0.0245		0.0245
Interruptible commodity charges: (1)				
15	Maximum - Union provides compressor fuel	6.4326	(0.0270)	6.4056
16	Maximum - customer provides compressor fuel	6.3942	(0.0222)	6.3720
Carbon Charges				
17	Federal Carbon Charge (if applicable)	3.9100		3.9100
18	Facility Carbon Charge (in addition to Transportation Commodity Charge(s))	0.0084		0.0084
19	Transportation fuel ratio - customer provides fuel	0.295%		0.295%
<u>Authorized overrun services</u>				
<u>Storage (\$ / GJ)</u>				
Commodity charges				
20	Injection / Withdrawals	0.085	(0.005)	0.080
21	Customer provides compressor fuel	0.055	(0.001)	0.054
22	Transportation commodity charge (cents/m ³)	1.1156	(0.0048)	1.1108
23	Customer provides compressor fuel	1.0772		1.0772
Carbon Charges				
24	Federal Carbon Charge (if applicable)	3.9100		3.9100
25	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084		0.0084
26	<u>Monthly Charge</u>	\$5,441.88		\$5,441.88

Notes:

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

ENBRIDGE GAS INC.
 Union South
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 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	1.441	(0.033)	1.408
3	Customer provides deliverability inventory	1.184		1.184
4	Firm incremental injection	1.184		1.184
5	Interruptible withdrawal	1.184		1.184
Commodity charges:				
6	Withdrawal	0.022	(0.002)	0.020
7	Customer provides compressor fuel	0.008		0.008
8	Injection	0.022	(0.002)	0.020
9	Customer provides compressor fuel	0.008		0.008
10	Storage fuel ratio - Customer provides fuel	0.408%		0.408%
<u>Transportation (cents / m³)</u>				
11	Monthly demand charge	17.9898		17.9898
12	Union provides compressor fuel - All volumes	0.1138	(0.0068)	0.1070
13	Customer provides compressor fuel - All volumes	0.0601		0.0601
Carbon Charges				
14	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084		0.0084
15	Transportation fuel ratio - Customer provides fuel	0.412%		0.412%
<u>Authorized overrun services</u>				
<u>Storage (\$ / GJ)</u>				
Commodity charges				
16	Injection / Withdrawals	0.085	(0.005)	0.080
17	Customer provides compressor fuel	0.055	(0.001)	0.054
18	Transportation commodity charge (cents/m ³)	0.7052	(0.0068)	0.6984
19	Customer provides compressor fuel	0.6515		0.6515
20	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084		0.0084
<u>Monthly Charge</u>				
21	City of Kitchener	\$19,843.96		\$19,843.96
22	Natural Resource Gas	\$3,046.25		\$3,046.25
23	Six Nations	\$1,015.42		\$1,015.42

ENBRIDGE GAS INC.
 Union South
Summary of Changes to Unbundled Rates

Line No.	Particulars (cents/m ³)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 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	1.028		1.028
4	Incremental firm withdrawal right	1.028		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	0.408%		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

ENBRIDGE GAS INC.
Union South
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
<u>M12 Transportation Service</u>				
<u>Firm transportation</u>				
Monthly demand charges:				
1	Dawn to Kirkwall	3.154		3.154
2	Dawn to Parkway	3.716		3.716
3	Kirkwall to Parkway	0.561		0.561
4	F24-T	0.070		0.070
<u>M12-X Firm Transportation</u>				
5	Between Dawn, Kirkwall and Parkway	4.590		4.590
Commodity charges:				
6	Easterly	Note (1)		Note (1)
7	Westerly	Note (1)		Note (1)
8	Facility Carbon Charge (in addition to Commodity Charges)	0.002		0.002
9	Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar	Note (1)		Note (1)
<u>Limited Firm/Interruptible</u>				
Monthly demand charges:				
10	Maximum	8.918		8.918
Commodity charges :				
11	Others	Note (1)		Note (1)
<u>Authorized Overrun</u>				
Transportation commodity charges:				
Easterly:				
12	Dawn to Kirkwall - Union supplied fuel	Note (1)		Note (1)
13	Dawn to Parkway - Union supplied fuel	Note (1)		Note (1)
14	Kirkwall to Parkway - Union supplied fuel	Note (1)		Note (1)
15	Dawn to Kirkwall - Shipper supplied fuel	0.104 (1)		0.104 (1)
16	Dawn to Parkway - Shipper supplied fuel	0.122 (1)		0.122 (1)
17	Kirkwall to Parkway - Shipper supplied fuel	0.018 (1)		0.018 (1)
M12-X Firm Transportation				
18	Between Dawn, Kirkwall and Parkway - Union supplied fuel	Note (1)		Note (1)
19	Between Dawn, Kirkwall and Parkway - Shipper supplied fuel	0.151 (1)		0.151 (1)
20	Facility Carbon Charge (in addition to Commodity Charges)	0.002		0.002
<u>M13 Transportation of Locally Produced Gas</u>				
21	Monthly fixed charge per customer station	\$957.58		\$957.58
22	Transmission commodity charge to Dawn	0.035		0.035
23	Commodity charge - Union supplies fuel	0.005		0.005
24	Commodity charge - Shipper supplies fuel	Note (2)		Note (2)
25	Facility Carbon Charge (in addition to Commodity Charge)	0.002		0.002
26	Authorized Overrun - Union supplies fuel	0.135	(0.001)	0.134
27	Authorized Overrun - Shipper supplies fuel	0.130 (2)		0.130 (2)
28	Facility Carbon Charge (in addition to Authorized Overrun Charge)	0.002		0.002

Notes:

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

ENBRIDGE GAS INC.
Union South
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 Rate (c)
<u>M16 Storage Transportation Service</u>				
1	Monthly fixed charge per customer station	\$1,523.40		\$1,523.40
Monthly demand charges:				
2	East of Dawn	0.774		0.774
3	West of Dawn	2.888		2.888
4	Transmission commodity charge to Dawn	0.035		0.035
Transportation Fuel Charges to Dawn:				
5	East of Dawn - Union supplied fuel	0.005		0.005
6	West of Dawn - Union supplied fuel	0.005		0.005
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	0.006	(0.001)	0.005
10	West of Dawn - Union supplied fuel	0.015	(0.002)	0.013
11	East of Dawn - Shipper supplied fuel	Note (1)		Note (1)
12	West of Dawn - Shipper supplied fuel	Note (1)		Note (1)
13	Facility Carbon Charge (in addition to Transportation Fuel Charges)	0.002		0.002
<u>Authorized Overrun</u>				
Transportation Fuel Charges to Dawn:				
14	East of Dawn - Union supplied fuel	0.066	(0.001)	0.065
15	West of Dawn - Union supplied fuel	0.135	(0.001)	0.134
16	East of Dawn - Shipper supplied fuel	0.060 (1)		0.060 (1)
17	West of Dawn - Shipper supplied fuel	0.130 (1)		0.130 (1)
Transportation Fuel Charges to Pool :				
18	East of Dawn - Union supplied fuel	0.032	(0.001)	0.031
19	West of Dawn - Union supplied fuel	0.110	(0.002)	0.108
20	East of Dawn - Shipper supplied fuel	0.025 (1)		0.025 (1)
21	West of Dawn - Shipper supplied fuel	0.095 (1)		0.095 (1)
22	Facility Carbon Charge (in addition to Transportation Fuel Charges)	0.002		0.002
<u>C1 - Cross Franchise Transportation Service</u>				
<u>Transportation service</u>				
Monthly demand charges:				
23	St. Clair / Bluewater & Dawn	2.888		2.888
24	Ojibway & Dawn	2.888		2.888
25	Parkway to Dawn	0.874		0.874
26	Parkway to Kirkwall	0.874		0.874
27	Kirkwall to Dawn	1.542		1.542
28	Dawn to Kirkwall	3.154		3.154
29	Dawn to Parkway	3.716		3.716
30	Kirkwall to Parkway	0.561		0.561
31	Dawn to Dawn-Vector	0.030		0.030
32	Dawn to Dawn-TCPL	0.139		0.139
Commodity Charges:				
33	St. Clair / Bluewater & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.009	(0.001)	0.008
34	St. Clair / Bluewater & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.007	(0.001)	0.006
35	Ojibway & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.010	(0.001)	0.009
36	Ojibway & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.015	(0.002)	0.013
37	Parkway to Kirkwall / Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.005		0.005
38	Parkway to Kirkwall / Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.010	(0.001)	0.009
39	Kirkwall to Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.005		0.005
40	Kirkwall to Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.005		0.005
41	Dawn to Kirkwall - Union supplied fuel (Nov. 1 - Mar. 31)	0.026	(0.004)	0.022
42	Dawn to Kirkwall - Union supplied fuel (Apr. 1 - Oct. 31)	0.011	(0.002)	0.009
43	Dawn to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.035	(0.005)	0.030
44	Dawn to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.020	(0.003)	0.017
45	Kirkwall to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.015	(0.002)	0.013
46	Kirkwall to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.014	(0.002)	0.012

Notes:

(1) Plus customer supplied fuel per rate schedule.

ENBRIDGE GAS INC.
Union South
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2018-0331 Approved October 1, 2019 Rate (a)	Rate Change (b)	EB-2019-0193 Approved October 1, 2019 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	Facility Carbon Charge (in addition to Commodity Charges)	0.002		0.002
21	Interruptible and Short Term (1 year or less) Firm Transportation: Maximum	75.00		75.00
<u>Authorized Overrun</u>				
Commodity Charges:				
22	St. Clair / Bluewater & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.104	(0.001)	0.103
23	St. Clair / Bluewater & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.102	(0.001)	0.101
24	Ojibway & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.105	(0.001)	0.104
25	Ojibway & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.110	(0.002)	0.108
26	Parkway to Kirkwall / Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.148	(0.003)	0.145
27	Parkway to Kirkwall / Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.153	(0.004)	0.149
28	Kirkwall to Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.077	(0.004)	0.073
29	Kirkwall to Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.077	(0.004)	0.073
30	Dawn to Kirkwall - Union supplied fuel (Nov. 1 - Mar. 31)	0.150	(0.006)	0.144
31	Dawn to Kirkwall - Union supplied fuel (Apr. 1 - Oct. 31)	0.135	(0.004)	0.131
32	Dawn to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.178	(0.007)	0.171
33	Dawn to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.162	(0.005)	0.157
34	Kirkwall to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.054	(0.005)	0.049
35	Kirkwall to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.053	(0.004)	0.049
36	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.095	(1)	0.095 (1)
37	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.095	(1)	0.095 (1)
38	Ojibway & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.095	(1)	0.095 (1)
39	Ojibway & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.095	(1)	0.095 (1)
40	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.122	(1)	0.122 (1)
41	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.122	(1)	0.122 (1)
42	Kirkwall to Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.051	(1)	0.051 (1)
43	Kirkwall to Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.051	(1)	0.051 (1)
44	Dawn to Kirkwall - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.104	(1)	0.104 (1)
45	Dawn to Kirkwall - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.104	(1)	0.104 (1)
46	Dawn to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.122	(1)	0.122 (1)
47	Dawn to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	0.122	(1)	0.122 (1)
48	Kirkwall to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.018	(1)	0.018 (1)
49	Kirkwall to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	0.018	(1)	0.018 (1)
50	Dawn to Dawn-Vector - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.001	(1)	0.001 (1)
51	Dawn to Dawn-Vector - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.001	(1)	0.001 (1)
52	Dawn to Dawn-TCPL - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.005	(1)	0.005 (1)
53	Dawn to Dawn-TCPL - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.005	(1)	0.005 (1)
54	Facility Carbon Charge (in addition to Commodity Charges)	0.002		0.002

Notes:

(1) Plus customer supplied fuel per rate schedule.

ENBRIDGE GAS INC.
UNION NORTH
RATE 01 - 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 m³ 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, Carbon (if applicable) 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, Delivery and Carbon (if applicable) 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, Delivery and Carbon (if applicable) 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>	\$22.00	\$22.00
<u>DELIVERY CHARGE</u>	<u>¢ per m³</u>	<u>¢ per m³</u>
First 100 m ³ per month @	9.3173	9.3173
Next 200 m ³ per month @	9.0774	9.0774
Next 200 m ³ per month @	8.6981	8.6981
Next 500 m ³ per month @	8.3499	8.3499
Over 1,000 m ³ per month @	8.0622	8.0622
Delivery-Price Adjustment (All Volumes) (1)	(0.8530)	(0.8530)
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable)	3.9100	3.9100
Facility Carbon Charge (in addition to Delivery Charge)	0.0084	0.0084
Cap-and-Trade Customer-Related - Price Adjustment (if applicable, in addition to Delivery-Price Adjustment) (2)	(0.0173)	(0.0173)
Cap-and-Trade Facility-Related - Price Adjustment (in addition to Delivery-Price Adjustment) (3)	0.0130	0.0130

Notes:

(1) Includes a temporary credit of (0.8249) cents/m³ expiring December 31, 2019, and a temporary credit of (0.0281) cents/m³ expiring December 31, 2019.

(2) Includes a temporary credit of (0.0173) cents/m³ expiring December 31, 2019.

(3) Includes a temporary charge of 0.0130 cents/m³ expiring December 31, 2019.

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:

<u>Community Expansion Project</u>	<u>SES Rate (¢ per m³)</u>	<u>SES Term Expiry</u>
Prince Township	23.0000	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, Delivery and Carbon (if applicable) Charges, plus 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.
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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION NORTH
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 m³ 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, Carbon (if applicable) 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, Delivery and Carbon (if applicable) 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 and Carbon (if applicable) 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>	\$71.00	\$71.00
<u>DELIVERY CHARGE</u>	<u>¢ per m³</u>	<u>¢ per m³</u>
First 1,000 m ³ per month @	7.8533	7.8533
Next 9,000 m ³ per month @	6.3677	6.3677
Next 20,000 m ³ per month @	5.6969	5.6969
Next 70,000 m ³ per month @	5.1377	5.1377
Over 100,000 m ³ per month @	3.0192	3.0192
Delivery-Price Adjustment (All Volumes) (1)	(0.9264)	(0.9264)
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable)	3.9100	3.9100
Facility Carbon Charge (in addition to Delivery Charge)	0.0084	0.0084
Cap-and-Trade Customer-Related - Price Adjustment (if applicable, in addition to Delivery-Price Adjustment) (2)	0.1934	0.1934
Cap-and-Trade Facility-Related - Price Adjustment (in addition to Delivery-Price Adjustment) (3)	0.0055	0.0055

Notes:

- (1) Includes a temporary credit of (0.9298) cents/m³ expiring December 31, 2019, and a temporary charge of 0.0034 cents/m³ expiring December 31, 2019.
- (2) Includes a temporary charge of 0.1934 cents/m³ expiring December 31, 2019.
- (3) Includes a temporary charge of 0.0055 cents/m³ expiring December 31, 2019.

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:

<u>Community Expansion Project</u>	<u>SES Rate (¢ per m³)</u>	<u>SES Term Expiry</u>
Prince Township	23.0000	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 m³ 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, Delivery and Carbon (if applicable) Charges, plus 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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION NORTH
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 m³ 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, Carbon (if applicable) 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, Carbon (if applicable), 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, Carbon (if applicable), 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>	\$861.69
<u>DELIVERY CHARGES</u> (cents per month per m ³)	
Monthly Demand Charge for first 70,000 m ³ of Contracted Daily Demand	28.6515
Monthly Demand Charge for all units over 70,000 m ³ of Contracted Daily Demand	16.8485
Commodity Charge for first 852,000 m ³ of gas volumes delivered	0.5297
Commodity Charge for all units over 852,000 m ³ of gas volumes delivered	0.3756
<u>CARBON CHARGES</u>	
Federal Carbon Charge (if applicable)	3.9100
Facility Carbon Charge (in addition to Delivery Charges)	0.0084

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 (m³) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m³, 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 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>	\$861.69	\$861.69
<u>DELIVERY CHARGES</u>	<u>cents per m³</u>	<u>cents per m³</u>
Commodity Charge for each unit of gas volumes delivered	2.4136	2.4136
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable)	3.9100	3.9100
Facility Carbon Charge (in addition to Delivery Charges)	0.0084	0.0084

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)	\$16.163
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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)	\$0.204
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Authorized Overrun Commodity Charge on each additional unit of gas Union authorizes for withdrawal from storage (\$/GJ)	\$0.735
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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, Delivery, Carbon (if applicable) and Transportation Account Charges, plus 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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION NORTH
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 m³ or more or the interruptible portion of a maximum daily requirement for combined firm and interruptible service is 14,000 m³ 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 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, Carbon (if applicable) 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, Carbon (if applicable), 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 m³</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:	5.2008
<u>CARBON CHARGES</u>	
Federal Carbon Charge (if applicable)	3.9100
Facility Carbon Charge (in addition to Delivery Charges)	0.0084
<u>UNAUTHORIZED OVERRUN NON - COMPLIANCE RATE</u>	<u>cents per m³</u>
Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect.	233.8800

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

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 (m³) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m³, 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.

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, Delivery, Carbon (if applicable) and Transportation Account Charges, plus 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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION NORTH
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 10³m³ 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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION NORTH
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 m³ 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, Carbon (if applicable) 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, Carbon (if applicable), 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, Carbon (if applicable), 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>	\$1,342.41
<u>DELIVERY CHARGES</u> (cents per Month per m ³ 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 ³)	0.2199
<u>CARBON CHARGES</u> Federal Carbon Charge (if applicable)	3.9100
Facility Carbon Charge (in addition to Delivery Charges)	0.0084

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 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 (m³) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m³, 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.

	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$1,342.41	\$1,342.41
<u>DELIVERY CHARGES (cents per m³)</u>		
Commodity Charge for each unit of gas volumes delivered	0.9285	0.9285
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable)	3.9100	3.9100
Facility Carbon Charge (in addition to Delivery Charges)	0.0084	0.0084

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

BUNDLED (T-SERVICE) STORAGE SERVICE CHARGES

Monthly Demand Charge for each unit of Contracted Daily Storage Withdrawal Entitlement (\$/GJ/Month) \$16.163

Monthly Storage Demand- Price Adjustment for each unit of Contracted Daily Storage Withdrawal Entitlement: (\$/GJ/Month) -

Commodity Charge for each unit of gas withdrawn from storage (\$/GJ) \$0.204

Authorized Overrun Commodity Charge on each additional unit of gas Union authorizes for withdrawal from storage (\$/GJ) \$0.735

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

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, Delivery, Carbon (if applicable) and Transportation Account Charges, plus 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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
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

<u>Utility Sales</u>	<u>Union North West</u>	<u>Union North East</u>
<u>Rate 01A (cents / m³)</u>		
Storage	2.0703	5.1774
Storage - Price Adjustment	-	-
Commodity and Fuel (1)	9.3145	11.5793
Commodity and Fuel - Price Adjustment (2)	(0.4924)	2.4192
Transportation	5.4890	2.0567
Transportation - Price Adjustment (2)	(0.1147)	(1.5297)
Total Gas Supply Charge	<u>16.2667</u>	<u>19.7029</u>

Rate 10 (cents / m³)

Storage	1.5603	3.6997
Storage - Price Adjustment	-	-
Commodity and Fuel (1)	9.3145	11.5793
Commodity and Fuel - Price Adjustment (2)	(0.4924)	2.4192
Transportation	4.8008	1.8810
Transportation - Price Adjustment (2)	(0.1147)	(1.5297)
Total Gas Supply Charge	<u>15.0685</u>	<u>18.0495</u>

Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.1893 cents/m³.
- (2) Prospective Recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.
UNION NORTH
GAS SUPPLY CHARGES

Utility Sales

<u>Rate 20 (cents / m³)</u>	<u>Union North West</u>	<u>Union North East</u>
Commodity and Fuel (1)	9.0593	11.2608
Commodity and Fuel - Price Adjustment (2)	(0.4924)	2.4192
Commodity Transportation - Charge 1	2.9078	1.2792
Transportation 1 - Price Adjustment (2)	(0.1161)	(1.5311)
Commodity Transportation - Charge 2	-	-
Monthly Gas Supply Demand	47.7854	39.5213
Gas Supply Demand - Price Adjustment	-	-
Commissioning and Decommissioning Rate	5.3754	2.3971

Rate 100 (cents / m³)

Commodity and Fuel (1)	9.0593	11.2608
Commodity and Fuel - Price Adjustment (2)	(0.4924)	2.4192
Commodity Transportation - Charge 1	5.0829	7.1437
Commodity Transportation - Charge 2	-	-
Monthly Gas Supply Demand	90.5702	124.8593
Commissioning and Decommissioning Rate	6.4322	8.9258

Rate 25 (cents / m³)

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

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/m³.
- (2) Prospective Recovery of gas supply deferral accounts.
- (3) Billing in energy (\$/GJ) will only apply to the Natural Gas Liquefaction Service.

Effective October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³ 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				\$22.00
b) Delivery Charge				
First	100 m ³		5.0464	¢ per m ³
Next	150 m ³		4.7826	¢ per m ³
All Over	250 m ³		4.1009	¢ per m ³
	Delivery - Price Adjustment (All Volumes) (1)		0.4074	¢ per m ³
c) Carbon Charges				
	Federal Carbon Charge (if applicable)		3.9100	¢ per m ³
	Facility Carbon Charge (in addition to Delivery Charge)		0.0084	¢ per m ³
	Cap-and-Trade Customer-Related - Price Adjustment (if applicable, in addition to Delivery-Price Adjustment) (2)		0.0757	¢ per m ³
	Cap-and-Trade Facility-Related - Price Adjustment (in addition to Delivery-Price Adjustment) (3)		0.0054	¢ per m ³
d) Storage Charge (if applicable)				
	Storage - Price Adjustment (All Volumes)		-	¢ per m ³

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

e) 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".

f) 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 m³)</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 0.4203 cents/m³ expiring December 31, 2019, and a temporary credit of (0.0129) cents/m³ expiring December 31, 2019.
- (2) Includes a temporary charge of 0.0757 cents/m³ expiring December 31, 2019.
- (3) Includes a temporary charge of 0.0054 cents/m³ expiring December 31, 2019.

(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 plus facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³, plus 7¢ per m³.

Overrun Delivery Charge	5.7795	¢ per m ³
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0084	¢ per m ³

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³ 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		\$71.00
b) Delivery Charge		
First	1 000 m ³	5.0237 ¢ per m ³
Next	6 000 m ³	4.9279 ¢ per m ³
Next	13 000 m ³	4.7465 ¢ per m ³
All Over	20 000 m ³	4.3960 ¢ per m ³
Delivery – Price Adjustment (All Volumes) (1)		(0.4547) ¢ per m ³
c) Carbon Charges		
Federal Carbon Charge (if applicable)		3.9100 ¢ per m ³
Facility Carbon Charge (in addition to Delivery Charge)		0.0084 ¢ per m ³
Cap-and-Trade Customer-Related - Price Adjustment (if applicable, in addition to Delivery-Price Adjustment) (2)		0.0688 ¢ per m ³
Cap-and-Trade Facility-Related - Price Adjustment (in addition to Delivery-Price Adjustment) (3)		0.0028 ¢ per m ³
d) Storage Charge (if applicable)		0.6483 ¢ per m ³
Storage - Price Adjustment (All Volumes)		- ¢ per m ³

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

e) 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".

f) 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 m³)</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 credit of (0.4525) cents/m³ expiring December 31, 2019, and a temporary credit of (0.0022) cents/m³ expiring December 31, 2019.
- (2) Includes a temporary charge of 0.0688 cents/m³ expiring December 31, 2019.
- (3) Includes a temporary charge of 0.0028 cents/m³ expiring December 31, 2019.

(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 plus facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³, plus 7¢ per m³.

Overrun Delivery Charge	5.6720	¢ per m ³
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0084	¢ per m ³

(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>	Assumed Atmospheric Pressure <u>kPa</u>		Assumed Atmospheric Pressure <u>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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³ and 60 000 m³.

(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: (1)

(i) A Monthly Demand Charge

First	8 450 m ³ of daily contracted demand	61.6807	¢ per m ³
Next	19 700 m ³ of daily contracted demand	27.6561	¢ per m ³
All Over	28 150 m ³ of daily contracted demand	23.2349	¢ per m ³

(ii) A Monthly Delivery Commodity Charge

First 422 250 m ³ delivered per month		1.5210	¢ per m ³
Next volume equal to 15 days use of daily contracted demand		1.5210	¢ per m ³
For remainder of volumes delivered in the month		0.5629	¢ per m ³

Delivery - Price Adjustment (All Volumes)		-	¢ per m ³
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(iii) Carbon Charges

Federal Carbon Charge (if applicable)		3.9100	¢ per m ³
Facility Carbon Charge (in addition to Delivery Charge)		0.0084	¢ per m ³

(iv) 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".

Note:

(1) Effective July 1, 2019, Rate M4 customers with firm only service will be charged a one-time adjustment annually set at the equivalent of one dollar per month to comply with Ontario Regulation 24/19 for the expansion of natural gas distribution systems within Ontario.

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 plus the facility carbon charge and, if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³ for all volumes purchased.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun charge plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³ for all gas supply volumes purchased.

Authorized Overrun Delivery Charge		3.5489	¢ per m ³
Unauthorized Overrun Delivery Charge		5.7795	¢ per m ³
Federal Carbon Charge (if applicable)		3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)		0.0084	¢ per m ³

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	1.7103	¢ per m ³
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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 m³ 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 ³ ≤ CD < 17 000 m ³	2.9988	¢ per m ³
17 000 m ³ ≤ CD < 30 000 m ³	2.8689	¢ per m ³
30 000 m ³ ≤ CD < 50 000 m ³	2.8006	¢ per m ³
50 000 m ³ ≤ CD ≤ 60 000 m ³	2.7527	¢ per m ³

Delivery - Price Adjustment (All Volumes)	-	¢ per m ³
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(ii) Carbon Charges

Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Delivery Charge)	0.0084	¢ per m ³

(iii) 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 ³
For each additional days use of contracted demand up to a maximum of 275 days, an additional discount of	0.00212	¢ per m ³

(iv) 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".

(v) Monthly Charge	\$645.34	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 m³ 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	3.1881	¢ per m ³
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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 plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³ for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	5.7795	¢ per m ³
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0084	¢ per m ³

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 233.8800 ¢ per m³ (\$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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³ and 60 000 m³ 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:

a) (i) Monthly Delivery Commodity Charge

Daily Contracted Demand Level (CD)

2 400 m ³ ≤ CD < 17 000 m ³	2.9988	¢ per m ³
17 000 m ³ ≤ CD < 30 000 m ³	2.8689	¢ per m ³
30 000 m ³ ≤ CD < 50 000 m ³	2.8006	¢ per m ³
50 000 m ³ ≤ CD ≤ 60 000 m ³	2.7527	¢ per m ³

Delivery - Price Adjustment (All Volumes)	-	¢ per m ³
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(ii) Carbon Charges

Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Delivery Charge)	0.0084	¢ per m ³

(iii) 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 ³
For each additional days use of contracted demand up to a maximum of 275 days, an additional discount of	0.00212	¢ per m ³

(iv) 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".

(v) Monthly Charge	\$645.34	per month
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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 m³ 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	3.1881	¢ per m ³
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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 plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³ for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	5.7795	¢ per m ³
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0084	¢ per m ³

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 233.8800 ¢ per m³ (\$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 m³.
- 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 m³ of daily contracted demand. The commodity charge includes the facility carbon charge related to the firm service.
- c) The interruptible commodity charge will be established under Clause 1 of this schedule.
- d) The federal carbon charge of 3.9100 ¢ per m³, if applicable.

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³; 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 m³ of daily contracted firm demand up to 34.6517 ¢ per m³

(ii) A Monthly Delivery Commodity Charge

(1) A Monthly Firm Delivery Commodity Charge for all firm volumes of 0.3094 ¢ per m³
and a Delivery - Price Adjustment of - ¢ per m³

(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 6.4056 ¢ per m³
and a Delivery - Price Adjustment of - ¢ per m³

(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 6.1615 ¢ per m³
and a Delivery - Price Adjustment of - ¢ per m³

(ii) Carbon Charges

Federal Carbon Charge (if applicable) 3.9100 ¢ per m³
Facility Carbon Charge (in addition to Delivery Charge) 0.0084 ¢ per m³

(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, including the identified facility carbon charge, and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m³ for all the gas supply volumes purchased.

Federal Carbon Charge (if applicable) 3.9100 ¢ per m³
Facility Carbon Charge (in addition to Overrun Delivery Charge) 0.0084 ¢ per m³

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 233.8800 ¢ per m³ (\$60 per GJ) for the delivery.

Note:

(1) Effective July 1, 2019, Rate M7 customers will be charged a one-time adjustment annually set at the equivalent of one dollar per month to comply with Ontario Regulation 24/19 for the expansion of natural gas distribution systems within Ontario.

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 plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in

Commissioning and Decommissioning Rate	4.5768	¢ per m ³
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Commissioning and Decommissioning Rate)	0.0084	¢ per m ³
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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 ³ |
| (ii) A Delivery Commodity Charge for gas delivered of
and a Delivery - Price Adjustment of | 0.1338 ¢ per m ³
- ¢ per m ³ |
| (iii) Facility Carbon Charge (in addition to Delivery Commodity Charge) | 0.0084 ¢ per m ³ |
| (iv) 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 plus the facility carbon charge. Overrun will be authorized by Union at its sole

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 plus the facility carbon charge.

Authorized Overrun Delivery Charge	0.9078 ¢ per m ³
Unauthorized Overrun Delivery Charge	36.0000 ¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0084 ¢ per m ³

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 | 7.1217 ¢ per m ³ |
| 2. Facility Carbon Charge (in addition to Delivery Commodity Charge) of | 0.0084 ¢ per m ³ |
| 3. 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 plus the facility carbon charge and if applicable, the total gas supply charge for utility sales provided in Schedule "A" per m³, plus 7¢ per m³ for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	5.7795 ¢ per m ³
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0084 ¢ per m ³

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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	\$1.345	
Backstop Gas Commodity Charge On all quantities supplied by Union to the Ontario Point(s) of Receipt		\$3.360
c) Reasonable Efforts Backstop Gas Paid on all quantities of gas supplied by Union to the customer's Point(s) of Consumption		\$4.383
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		\$2.811
f) Short Term Storage / Balancing Service (2)		
Maximum		\$6.000
g) Discretionary Gas Supply Service ("DGSS")		Note (3)
h) Parkway Delivery Commitment Incentive ("PDCI")		\$(0.152)

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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³ or greater and has a daily firm contracted demand up to 140,870 m³; 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:

	<u>Demand Charge Rate/GJ/mo</u>	<u>Commodity Charge 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	\$1.408			
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>	For Customers Providing Their Own Compressor Fuel	
			<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		\$0.020	0.408%	\$0.008
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.020	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	
	Rate/m ³ /mo	Rate/m ³	Fuel Ratio (5)	Commodity Charge Rate/m ³
a) Annual Firm Transportation Applied to the Firm Daily Contract Demand First 28,150 m ³ per month Next 112,720 m ³ per month	40.5921 ¢ 28.0445 ¢			
b) Firm Transportation Commodity Paid on all firm quantities redelivered to the customer's Point(s) of Consumption Commodity Charge (All volumes)		0.1438 ¢	0.323%	0.1070 ¢
c) Interruptible Transportation Commodity Paid on all interruptible quantities redelivered to the customer's Point(s) of Consumption Maximum		6.4056 ¢	0.323%	6.3688 ¢
d) Carbon Charges Federal Carbon Charge (if applicable) Facility Carbon Charge (in addition to Transportation Commodity Charge(s))		3.9100 ¢ 0.0084 ¢		3.9100 ¢ 0.0084 ¢

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. 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.
3. 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.
4. 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.
5. 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.

Firm or Interruptible Service

	Union Providing Compressor Fuel		For Customers Providing Their Own Compressor Fuel	
	Commodity Charge	Fuel Ratio	Fuel Ratio	Commodity Charge
Storage Injections	\$0.080/GJ	0.881%	0.881%	\$0.054/GJ
Storage Withdrawals	\$0.080/GJ	0.881%	0.881%	\$0.054/GJ
Transportation	1.4783 ¢/m ³	0.323%	0.323%	1.4415 ¢/m ³
<u>Carbon Charges</u>				
Federal Carbon Charge (if applicable)	3.9100 ¢/m ³			3.9100 ¢/m ³
Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084 ¢/m ³			0.0084 ¢/m ³

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	\$1.483	per GJ
Unauthorized Overrun Transportation Charge	5.7795	¢ per m ³
Carbon Charges		
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Transportation Charge)	0.0084	¢ per m ³

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 233.8800 ¢ per m³ (\$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.

Space	Firm Service <u>Rate/GJ</u> \$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	\$1,897.28
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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

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

\$(0.152)

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³. Firm and/or interruptible daily contracted demand of less than 140,870 m³ 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:

	<u>Demand Charge Rate/GJ/mo</u>	<u>Commodity Charge 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	\$1.408			
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			

	<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		\$0.020	0.408%	\$0.008
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.020	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		\$0.080	0.881%	\$0.054

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 m³/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 m³/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:

	<u>Demand Charge</u>	<u>Union Providing Compressor Fuel</u>	<u>For Customers Providing Their Own Compressor Fuel</u>	
		<u>Commodity Charge</u>	<u>Fuel Ratio (5)</u>	<u>Commodity Charge</u>
	<u>Rate/m³/mo</u>	<u>Rate/m³</u>		<u>Rate/m³</u>
a) Annual Firm Transportation Demand Applied to the Firm Daily Contract Demand				
First 140,870 m ³ per month	32.0198 ¢			
All over 140,870 m ³ 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)		0.0581 ¢	0.295%	0.0245 ¢
c) Interruptible Transportation Commodity Paid on all interruptible quantities redelivered to the customer's Point(s) of Consumption Maximum		6.4056 ¢	0.295%	6.3720 ¢
d) Carbon Charges				
Federal Carbon Charge (if applicable)		3.9100 ¢		3.9100 ¢
Facility Carbon Charge (in addition to Transportation Commodity Charge(s))		0.0084 ¢		0.0084 ¢

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 m³/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 m³/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 m³/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	\$0.080/GJ	0.881%	\$0.054/GJ
Storage Withdrawals	\$0.080/GJ	0.881%	\$0.054/GJ
Transportation	1.1108 ¢/m ³	0.295%	1.0772 ¢/m ³
<u>Carbon Charges</u>			
Federal Carbon Charge (if applicable)	3.9100 ¢/m ³		3.9100 ¢/m ³
Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084 ¢/m ³		0.0084 ¢/m ³

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	\$1.483	per GJ
Unauthorized Overrun Transportation Charge	5.7795	¢ per m ³
<u>Carbon Charges</u>		
Federal Carbon Charge (if applicable)	3.9100	¢ per m ³
Facility Carbon Charge (in addition to Overrun Transportation Charge)	0.0084	¢ per m ³

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 233.8800 ¢ per m³ (\$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	\$5,441.88
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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

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 m³/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

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

\$(0.152)

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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 m³ 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>	For Customers Providing Their Own Compressor Fuel	
			<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	\$1.408			
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		\$0.020	0.408%	\$0.008
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.020	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:

	<u>Demand Charge</u>	<u>Union Providing Compressor Fuel Commodity Charge</u>	<u>For Customers Providing Their Own Compressor Fuel</u>	
	<u>Rate/m³/mo</u>	<u>Rate/m³</u>	<u>Fuel Ratio</u>	<u>Commodity Charge</u>
				<u>Rate/m³</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		0.1070 ¢	0.412%	0.0601 ¢
c) Facility Carbon Charge (in addition to Transportation Commodity Charge)		0.0084 ¢		0.0084 ¢

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.

	<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	\$0.080/GJ	0.881%
Storage Withdrawals	\$0.080/GJ	0.881%	\$0.054/GJ
Transportation	0.6984 ¢/m ³	0.412%	0.6515 ¢/m ³
Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0084 ¢/m ³		0.0084 ¢/m ³

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	\$9.236	per GJ
Unauthorized Overrun Transportation Charge	36.0000	¢ per m ³
Facility Carbon Charge (in addition to Overrun Transportation Charge)	0.0084	¢ per m ³

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.

	<u>Firm Service 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	\$(0.152)

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

Effective
2019-10-01
Schedule "A"

ENBRIDGE GAS INC.
UNION SOUTH
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 / m³

Utility Sales

Commodity and Fuel	11.2969 (1)
Commodity and Fuel - Price Adjustment	2.0387 (2)
Transportation	-
Total Gas Supply Commodity Charge	<u>13.3356</u>

Minimum Annual Gas Supply Commodity Charge

Rate M4 Firm and Rate M5A Interruptible Contract	0.1893
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Storage and Transportation Supplemental Services - Rate T1, Rate T2 & Rate T3

\$/GJ

Monthly demand charges:

Firm gas supply service	46.946
Firm backstop gas	1.345

Commodity charges:

Gas supply	2.922
Backstop gas	3.360

Reasonable Efforts Backstop Gas	4.383
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Supplemental Inventory	Note (3)
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Supplemental Gas Sales Service (cents / m ³)	14.2294
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Failure to Deliver: Applied to quantities not delivered to Union in the event the customer's supply fails	2.811
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Discretionary Gas Supply Service (DGSS)	Note (4)
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Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.1893 cents/m³.
- (2) Prospective Recovery of gas supply deferral accounts.
- (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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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		

	<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

Authorized	<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

\$(0.152)

(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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

ENBRIDGE GAS INC.
UNION SOUTH
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>Carbon Charge (applied to all quantities transported)</u>					
Facility Carbon Charge		\$0.002			\$0.002

(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 %	AND Commodity Charge Rate/GJ
<u>Transportation Overrun</u>				
Dawn to Parkway	Monthly fuel and commodity rates shall be in accordance with schedule "C".		Monthly fuel ratios shall be in accordance with schedule "C".	\$0.122
Dawn to Kirkwall				\$0.104
Kirkwall to Parkway				\$0.018
Parkway (TCPL) Overrun (4)	n/a		0.721%	n/a
<u>M12-X Firm Transportation</u>				
Between Dawn, Kirkwall and Parkway	Monthly fuel and commodity rates shall be in accordance with schedule "C".		Monthly fuel ratios shall be in accordance with schedule "C".	\$0.151
<u>Carbon Charge (applied to all quantities transported)</u>				
Facility Carbon Charge	\$0.002			\$0.002

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.

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

plus

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

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

plus

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

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_{WT} 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_{ST} 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 31st.

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.

Effective October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

**UNION SOUTH - 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/m³) 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. "m³" shall mean cubic metre of gas and "10³m³" 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);

18. "TCPL" means TransCanada PipeLines Limited;
19. "cricondenthem 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;
23. "Union" shall mean Enbridge Gas Inc. operating as Union Gas.

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.

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 (m³) or one thousand cubic metres (10³m³) 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 (20th) 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 (20th) 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 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.

UNION SOUTH - 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/m³) 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;

"**m³**" shall mean cubic metre of gas and "**10³m³**" 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;

"**Union**" shall mean Enbridge Gas Inc. operating as Union Gas;

"**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 (m³) or one thousand cubic metres (10³m³) 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 (10th) 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 (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.
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 (20th) 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 (20th) 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 fulfill 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.

UNION SOUTH - 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.

UNION SOUTH - 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 (1/20th) 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 (1/20th) 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.

ENBRIDGE GAS INC.

Union South

M12 Monthly Transportation Fuel Ratios and Fuel Rates

Firm or Interruptible Transportation Commodity

Effective October 1, 2019

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	0.025	0.546	0.016	0.158	0.004
May	0.626	0.017	0.373	0.011	0.158	0.004
June	0.523	0.014	0.275	0.009	0.158	0.004
July	0.508	0.014	0.262	0.008	0.158	0.004
August	0.405	0.011	0.159	0.004	0.158	0.004
September	0.401	0.011	0.159	0.004	0.158	0.004
October	0.750	0.023	0.461	0.012	0.158	0.004
November	0.894	0.025	0.624	0.017	0.158	0.004
December	1.012	0.031	0.743	0.022	0.158	0.004
January	1.166	0.034	0.882	0.025	0.158	0.004
February	1.107	0.031	0.831	0.025	0.158	0.004
March	1.033	0.031	0.742	0.022	0.158	0.004

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	0.013	0.158	0.004	0.301	0.010
May	0.411	0.011	0.158	0.004	0.301	0.010
June	0.406	0.011	0.158	0.004	0.301	0.010
July	0.404	0.011	0.158	0.004	0.301	0.010
August	0.404	0.011	0.158	0.004	0.301	0.010
September	0.400	0.011	0.158	0.004	0.301	0.010
October	0.448	0.013	0.158	0.004	0.301	0.010
November	0.427	0.012	0.158	0.004	0.158	0.004
December	0.428	0.012	0.158	0.004	0.158	0.004
January	0.442	0.013	0.158	0.004	0.158	0.004
February	0.434	0.012	0.158	0.004	0.158	0.004
March	0.449	0.013	0.158	0.004	0.158	0.004

ENBRIDGE GAS INC.

Union South

M12 Monthly Transportation Authorized Overrun Fuel Ratios and Fuel Rates

Firm or Interruptible Transportation Commodity

Effective October 1, 2019

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	0.166	1.166	0.156	0.778	0.174
May	1.246	0.159	0.993	0.152	0.778	0.174
June	1.143	0.155	0.895	0.148	0.778	0.174
July	1.128	0.155	0.882	0.147	0.778	0.174
August	1.025	0.153	0.779	0.146	0.778	0.174
September	1.021	0.153	0.779	0.146	0.778	0.174
October	1.371	0.160	1.081	0.153	0.778	0.174
November	1.514	0.166	1.244	0.159	0.778	0.174
December	1.632	0.171	1.363	0.160	0.778	0.174
January	1.786	0.175	1.502	0.166	0.778	0.174
February	1.727	0.173	1.451	0.164	0.778	0.174
March	1.653	0.171	1.362	0.160	0.778	0.174

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	0.182	0.778	0.174	0.921	0.177
May	1.031	0.182	0.778	0.174	0.921	0.177
June	1.026	0.182	0.778	0.174	0.921	0.177
July	1.024	0.182	0.778	0.174	0.921	0.177
August	1.024	0.182	0.778	0.174	0.921	0.177
September	1.020	0.182	0.778	0.174	0.921	0.177
October	1.068	0.183	0.778	0.174	0.921	0.177
November	1.047	0.183	0.778	0.174	0.778	0.174
December	1.048	0.183	0.778	0.174	0.778	0.174
January	1.062	0.182	0.778	0.174	0.778	0.174
February	1.054	0.183	0.778	0.174	0.778	0.174
March	1.069	0.183	0.778	0.174	0.778	0.174

**UNION SOUTH - 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	<u>DAWN (FACILITIES):</u>	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	<u>DAWN (TCPL):</u>	At the junction of Union's and TCPL's facilities, at or adjacent to Dawn (Facilities).
R	<u>DAWN (TECUMSEH):</u>	At the junction of Union's and Enbridge Gas Inc.'s (Enbridge) Tecumseh Gas Storage's facilities, at or adjacent to Dawn (Facilities).
R	<u>DAWN (TSLE):</u>	At the junction of Union's and Enbridge's NPS 16 Tecumseh Sombra Line Extension facilities; at or adjacent to Dawn (Facilities).
R	<u>DAWN (VECTOR):</u>	At the junction of Union's and Vector Pipeline Limited Partnership ("Vector") facilities, at or adjacent to Dawn (Facilities).
R,D	<u>PARKWAY (TCPL):</u>	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	<u>KIRKWALL:</u>	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	<u>PARKWAY (CONSUMERS):</u>	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	<u>PARKWAY (EGT):</u>	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	<u>LISGAR:</u>	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.

ENBRIDGE GAS INC.
UNION SOUTH
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 <u>Rate/Month</u>	Commodity Charge <u>Rate/GJ</u>	<u>Union Supplied Fuel Fuel and Commodity Charge Rate/GJ</u>	<u>Shipper Supplied Fuel Fuel Ratio %</u>	<u>AND</u>	<u>Commodity Charge Rate/GJ</u>
1. Monthly fixed charge per Customer Station	\$957.58					
2. Transmission Commodity Charge		\$0.035				
3. Delivery Commodity Charge			\$0.005	0.158%		
4. Facility Carbon Charge (in addition to the Delivery Commodity Charge)			\$0.002			\$0.002

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 plus the facility carbon charge. Overrun will be authorized at Union's sole discretion.

	<u>Union Supplied Fuel Fuel and Commodity Charge Rate/GJ</u>	<u>Shipper Supplied Fuel Fuel Ratio %</u>	<u>AND</u>	<u>Commodity Charge Rate/GJ</u>
Authorized Overrun Charge	\$0.134	0.158%		\$0.130
Facility Carbon Charge (in addition to the Authorized Overrun Charge)	\$0.002			\$0.002

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 October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

UNION SOUTH - 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/10³m³ 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/m³) 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;

"m³" shall mean cubic metre of gas and "10³m³" 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 10³m³, 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;

"Union" shall mean Enbridge Gas Inc. operating as Union Gas;

"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 10³m³. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m³) or one thousand cubic metres (10³m³) 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 (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 tenth (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.
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 (20th) 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 (20th) 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.

ENBRIDGE GAS INC.
UNION SOUTH
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

Transmission Commodity Charge to Dawn (\$ per GJ) \$0.035

Transportation Fuel:	Customers located East <u>of Dawn</u>	Customers located West <u>of Dawn</u>
Fuel Charges to Dawn		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.005	\$0.005
Fuel Ratio - Shipper supplied fuel (%)	0.158%	0.158%
Fuel Charges to the Pool		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.005	\$0.013
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

c) Facility Carbon Charge (in addition to Transportation Fuel Charges) \$0.002 \$0.002

(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)	\$0.065	\$0.134
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)	\$0.031	\$0.108
Commodity Rate - Shipper supplied fuel (\$ per GJ)	\$0.025	\$0.095
Fuel Ratio - Shipper supplied fuel (%)	0.185%	0.449%
Facility Carbon Charge (in addition to Transportation Fuel Charges)	\$0.002	\$0.002

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.

Effective October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

**GENERAL TERMS & CONDITIONS
UNION SOUTH - 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. "m³" shall mean cubic metre of gas and "10³m³" 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/m³) 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. "cricondenthem 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;
30. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity; and,
31. "Union" shall mean Enbridge Gas Inc. operating as Union Gas.

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 four (51.4) 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 (m³) or one thousand cubic metres (10³m³) 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 per cent (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 (20th) 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 (20th) 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

SCHEDULE "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.

UNION SOUTH - 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/m³) 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;

"**m³**" shall mean cubic metre of gas and "**10³m³**" 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" shall mean Enbridge Gas Inc. operating as Union Gas;

"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 (m³) or one thousand cubic metres (10³m³) 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 (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 tenth (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.
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 (20th) 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 (20th) 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

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 fulfill 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.

ENBRIDGE GAS INC.
UNION SOUTH
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 <u>Charges</u> (applied to daily contract demand) <u>Rate/GJ</u>	<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>Commodity</u>	
		Apr.1-Oct.31	Nov.1-Mar.31	Apr.1-Oct.31	Nov.1-Mar.31	AND	<u>Charge</u>
		<u>Rate/GJ</u>	<u>Rate/GJ</u>	%	%	<u>Rate/GJ</u>	
a) Firm Transportation							
Between:							
St. Clair & Dawn	\$2.888	\$0.006	\$0.008	0.208%	0.267%		
Ojibway & Dawn	\$2.888	\$0.013	\$0.009	0.449%	0.305%		
Bluewater & Dawn	\$2.888	\$0.006	\$0.008	0.208%	0.267%		
From:							
Parkway to Kirkwall	\$0.874	\$0.009	\$0.005	0.301%	0.158%		
Parkway to Dawn	\$0.874	\$0.009	\$0.005	0.301%	0.158%		
Kirkwall to Dawn	\$1.542	\$0.005	\$0.005	0.158%	0.158%		
Dawn to Kirkwall	\$3.154	\$0.009	\$0.022	0.319%	0.764%		
Dawn to Parkway	\$3.716	\$0.017	\$0.030	0.585%	1.042%		
Kirkwall to Parkway	\$0.561	\$0.012	\$0.013	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) Carbon Charge (applied to all quantities transported)							
Facility Carbon Charge		\$0.002	\$0.002			\$0.002	
e) Interruptible and Short Term (1 year or less) Firm Transportation:		\$75.00					

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. Authorized overrun for short-term firm transportation is available at negotiated rates.

	Union Supplied Fuel		Shipper Supplied Fuel			Commodity Charge Rate/GJ
	Fuel and Commodity Charge		Fuel Ratio		AND	
	Apr.1-Oct.31 Rate/GJ	Nov.1-Mar.31 Rate/GJ	Apr.1-Oct.31 %	Nov.1-Mar.31 %		
a) Firm Transportation						
Between:						
St.Clair & Dawn	\$0.101	\$0.103	0.208%	0.267%		\$0.095
Ojibway & Dawn	\$0.108	\$0.104	0.449%	0.305%		\$0.095
Bluewater & Dawn	\$0.101	\$0.103	0.208%	0.267%		\$0.095
From:						
Parkway to Kirkwall	\$0.149	\$0.145	0.921%	0.778%		\$0.122
Parkway to Dawn	\$0.149	\$0.145	0.921%	0.778%		\$0.122
Kirkwall to Dawn	\$0.073	\$0.073	0.778%	0.778%		\$0.051
Dawn to Kirkwall	\$0.131	\$0.144	0.939%	1.384%		\$0.104
Dawn to Parkway	\$0.157	\$0.171	1.205%	1.662%		\$0.122
Kirkwall to Parkway	\$0.049	\$0.049	1.043%	1.056%		\$0.018
b) Firm Transportation between two points 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) Carbon Charge (applied to all quantities transported)						
Facility Carbon Charge	\$0.002	\$0.002				\$0.002

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.

Effective October 1, 2019
Implemented October 1, 2019
O.E.B. Order # EB-2019-0193

Supersedes EB-2018-0331 Rate Schedule effective October 1, 2019.

**UNION SOUTH - 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/m³) 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. "m³" shall mean cubic metre of gas and "10³m³" 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);

18. "TCPL" means TransCanada PipeLines Limited;
19. "cricondenthem 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;
23. "Union" shall mean Enbridge Gas Inc. operating as Union Gas.

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.

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 (m³) or one thousand cubic metres (10³m³) 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

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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 per cent (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 (20th) 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 (20th) 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.

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 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.

UNION SOUTH - 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/m³) 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;

"**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;

"**m³**" shall mean cubic metre of gas and "**10³m³**" 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;

"**Union**" shall mean Enbridge Gas Inc. operating as Union Gas;

"**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 (m³) or one thousand cubic metres (10³m³) 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 "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.

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 (10th) 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 (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.
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 (20th) 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 (20th) 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.

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.

- 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) < = 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,

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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.

UNION SOUTH - 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.

UNION SOUTH - 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 Points(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

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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 (1/20th) 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 (1/20th) 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.

**UNION SOUTH - 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	<u>DAWN (FACILITIES):</u>	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	<u>DAWN (TCPL):</u>	At the junction of Union's and TCPL's facilities, at or adjacent to Dawn (Facilities).
R, D	<u>DAWN (TECUMSEH):</u>	At the junction of Union's and Enbridge Gas Inc.'s (Enbridge) Tecumseh Gas Storage's facilities, at or adjacent to Dawn (Facilities).
R, D	<u>DAWN (TSLE):</u>	At the junction of Union's and Enbridge's NPS 16 Tecumseh Sombra Line Extension facilities; at or adjacent to Dawn (Facilities)
R, D	<u>DAWN (VECTOR):</u>	At the junction of Union's and Vector Pipeline Limited Partnership ("Vector") facilities, at or adjacent to Dawn (Facilities).
R, D	<u>PARKWAY (TCPL):</u>	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	<u>KIRKWALL:</u>	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	<u>PARKWAY (CONSUMERS):</u>	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	<u>LISGAR:</u>	At the junction of the facilities of Union and Enbridge situated at 6620 Winston Churchill Boulevard, City of Mississauga.
R, D	<u>OJIBWAY:</u>	At the junction of Union's and Panhandle Eastern Pipe Line Company, LP's ("Panhandle") facilities, located at the International Border between Canada and the United States in the St. Clair River.
R, D	<u>ST. CLAIR (MICHCON):</u>	At the junction of Michigan Consolidated Gas Company's ("MichCon") 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.

ENBRIDGE GAS INC.
 Union North and Union South
 Summary of Average Interruptible Rate and Price Adjustment Changes for Rates 25, M4, M5A, M7, T1 and T2
 Effective October 1, 2019

Line No.	Particulars (cents / m ³)	Monthly Charge Increase / (Decrease) (a)	Delivery Commodity Charge Increase / (Decrease) (b)	Delivery - Price Adjustment Increase / (Decrease) (c)	Carbon Charges Increase / (Decrease) (d)	Gas Commodity Price Adjustment Rate (1) (e)
	Carbon Charges (2)					
1	Federal Carbon Charge (if applicable)				-	
2	Facility Carbon Charge (in addition to Interruptible Charge)				-	
	Rate 25					
3	All Zones		-			(0.2720)
	Rate M4					
4	Interruptible		(0.0246)			
	Rate M5A					
5	Interruptible		(0.0246)			
	Rate M7					
6	Interruptible		(0.0270)			
7	Seasonal		(0.0270)			
	Rate T1 - Interruptible					
8	Transportation - Union supplies fuel		(0.0053)			
9	Transportation - Customer supplies fuel		-			
	Rate T2 - Interruptible					
10	Transportation - Union supplies fuel		(0.0048)			
11	Transportation - Customer supplies fuel		-			

Notes:

- (1) Applies to sales service customers only.
- (2) Changes in the Carbon Charges apply to Rate 25, M4, M5A, M7, T1 and T2.

ENBRIDGE GAS INC.
Union North and Union South
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.