#### **ONTARIO ENERGY BOARD**

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

AND IN THE MATTER OF an Application by EPCOR Natural Gas Limited Partnership (ENGLP) for an order or orders approving or fixing just and reasonable rates and other charges for the sale, distribution, transmission and storage of gas as of January 1, 2019;

**AND IN THE MATTER OF** the Quarterly Rate Adjustment Mechanism.

#### APPLICATION

- 1. As part of the EB-2018-0261 Decision and Interim Rate Order dated September 27, 2018 the Ontario Energy Board ("Board") approved a PGCVA reference price of \$0.159076 per m<sup>3</sup> and a gas supply charge of \$0.160504 per m<sup>3</sup>, both effective October 1, 2018.
- 2. Based on actual and forecast natural gas prices for the January, 2018 through December, 2018 period the PGCVA balance is projected to be a charge of approximately \$2.26 per residential customer.
- 3. ENGLP hereby applies to the Board for further orders effective January 1, 2019 as follows:
  - a) an order changing the reference price authorized by the Board's EB-2018-0261 Decision and Interim Rate Order for use in determining the amounts to be recorded in the Purchased Gas Commodity Variance Account (Account No. 179-27) by \$0.026974 per m³ from the Board approved level of \$0.159076 per m³ to \$0.186050 per m³;

- b) an order changing the rates and other charges from those authorized by the Board's EB-2018-0261 Decision and Interim Rate Order to reflect a projected \$0.019131 per m³ change in the gas supply charge from the Board approved level of \$0.160504 per m³ to a projected cost of \$0.179635 per m³. This change is the sum of the change in the PGCVA reference price, the change required to prospectively clear the balance of the Gas Purchase Rebalancing Account and the continuation of the system gas supply cost approved in EB-2010-0018.
- 4. This application will be supported by written evidence that will be pre-filed with the Board and intervenors of record in EB-2018-0235.
- 5. 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:
  - \* Parties to this proceeding wishing to make comments on the application may do so by filing such submissions with the Board Secretary (two hard copies plus an electronic copy by e-mail) and ENGLP no later than 4:45 p.m. five calendar days following the filing of the QRAM application;
  - \* ENGLP shall reply to any comments received by filing such replies with the Board Secretary (two hard copies plus an electronic copy by e-mail) and serving a copy on all parties who make submissions no later than 4:45 p.m. three calendar days following receipt of comments;
  - \* The Board issues its Decision and Order by the 25th of the month for implementation effective January, 2019.
- 7. The address of service for EPCOR Natural Gas Limited Partnership is:

Ms. Susannah K. Robinson EPCOR Natural Gas Limited Partnership 55 University Ave., Suite 710 Toronto, Ontario, M5J 2H7

Telephone: (647) 730-0010 E-Mail: srobinson@epcor.com

# And

Mr. Randy Aiken Aiken & Associates 578 McNaughton Ave. West Chatham, Ontario, N7L 4J6

Telephone: (519) 351-8624

E-mail: randy.aiken@sympatico.ca

Dated at Toronto, Ontario, this 12th day of December, 2018.

# **EPCOR Natural Gas Limited Partnership**

Susannah K. Robinson Vice President, Ontario

# EPCOR NATURAL GAS LIMITED PARTNERSHIP 1 2 **INTRODUCTION** 3 4 As part of the EB-2018-0261 Decision and Interim Rate Order dated September 27, 2018 5 the Ontario Energy Board ("Board") approved a Purchased Gas Commodity Variance 6 Account ("PGCVA") reference price of \$0.159076 per m<sup>3</sup> and a gas commodity charge 7 of \$0.160504 per m<sup>3</sup>, both effective October 1, 2018 for EPCOR Natural Gas Limited 8 Partnership ("ENGLP"). 9 10 In RP-2002-0147/EB-2003-0286 (Accounting Order dated January 30, 2004), the Board 11 approved a Gas Purchase Rebalancing Account ("GPRA") to record the increase 12 (decrease) in the value of the gas inventory available for sale to sales service customers 13 due to changes in ENGLP's PGCVA reference price. This account was maintained in the 14 EB-2010-0018 Rate Order date February 17, 2011. In EB-2018-0261, the Board approved a GPRA rate of \$0.001065 per m<sup>3</sup>. 15 16 17 ENGLP is proposing to adjust the gas supply charge, the GPRA rate and the PGCVA 18 reference price effective January 1, 2019 to reflect an updated forecast of gas costs, the 19 projected balance in the PGCVA and the projected balance in the GPRA. 20 21 **PGCVA** 22 23 **Updated Forecasts** 24 Based on actual and forecast costs, the PGCVA account balance totals a charge of \$2.26 25 per average residential customer for the twelve-month period ending December, 2018 26 (Schedule 2). 27 28 The current forecast reflects the forecast for natural gas prices over the relevant period. 29 These gas prices reflect current market conditions, including alternative energy prices, 30 demand for natural gas, the weather outlook and the impact of current storage levels.

1 The PGCVA balance has been calculated using the most recent information available, 2 including actual volumes and costs through October, 2018. The remaining months in the 3 twelve-month period ending December, 2018 are calculated using estimated prices and 4 volumes based on the best information available at the time of filing. 5 6 Forecast prices have been used for the period January, 2019, through December, 2019 7 period, except where actual contracted prices are available. 8 9 Gas Supply Portfolio 10 The gas supply portfolio reflects the current and forecasted mix of delivery points utilized 11 by ENGLP for system gas purchases. 12 13 Effective November 1, 2016, ENGLP's gas supply portfolio includes local production 14 and the purchase of system gas from Union Gas ("Union"). 15 16 System Gas Purchases 17 As noted above, ENGLP is a system gas customer on the Union system on behalf of its 18 own system gas customers. ENGLP continues to have direct purchase customers on its 19 system and will continue to ensure that they continue to balance their supply and demand. 20 21 In addition to the system gas from Union Gas described above, ENGLP purchases gas 22 from a local producer in its franchise area. 23 24 The composition of the gas supply portfolio volumes for the January, 2018 through 25 December, 2018 period is shown on the top of Schedule 3. This schedule shows the 26 monthly volume of gas purchased or forecast to be purchased from local producers and 27 from Union Gas. Similarly, the composition of the gas supply portfolio volumes for the 28 January, 2019 through December, 2019 period is shown on the top of Schedule 6.

1	<u>Gas Costs</u>
2	ENGLP's actual and forecast gas costs for the January, 2018 through December, 2018
3	period, by source of supply, are shown in Schedule 4 in \$/GJ. These prices are also
4	shown in the middle section of Schedule 3 in $\mbox{\ensuremath{\$}/m^3}$ . The bottom section of Schedule 3
5	shows the composition of the total system gas costs. The conversion factor used is based
6	on the heat values used by Union in their calculation of ENGLP's Banked Gas Account
7	balances. The conversion factors used are also shown in Schedule 4. All prices and costs
8	shown are actual prices paid in January, 2018 through October, 2018. Prices for the
9	remaining months in this period are based on estimated prices to be paid in those months
10	and the costs shown for these remaining months are based on both the estimated prices to
11	be paid and the estimated volumes to be purchased.
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13	Forecast gas prices for each of the sources of supply for the January, 2019 through
14	December, 2019 period are described below.
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16	Local Production Pricing
	<u>Local Production Pricing</u> The first source of supply noted in Schedules 4 and 7 is "Local Production (A)" and
16	<del>-</del>
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reference price for each quarter, as per the Board EB-2010-0018 Decision and Order dated December 6, 2010. However, as of the beginning of 2017, Union no longer calculated an Ontario landed reference price. In the absence of this reference price, ENGLP began using Union's Dawn Reference Price for these volumes. The January, 2018 through March, 2018 price was \$0.137182, reflecting the Board's Decision and Interim Rate Order in EB-2017-0351 dated December 20, 2017. The April, 2018 through June, 2018 price was \$0.124098, reflecting the Board's Decision and Rate Order in EB-2018-0104, dated March 21, 2018. The July, 2018 through September, 2018 price was also \$0.124098, reflecting the Board's decision that Union's EB-2018-0104 rate order would remain in effect over this period. The October, 2018 through December, 2018 price was \$0.132809, reflecting the Board's Decision and Interim Rate Order in EB-

2018-0253, dated September 11, 2018. These prices are shown in Schedule 3.

The local producer prices over the January, 2019 through December, 2019 period shown in Schedule 6 reflect the Board approved price of \$0.301200 per m³ for 1,000,000 m³ as shown on the Local Production (A) line. The remaining gas forecast to be purchased from the local producer is shown on the Local Production (B) line. As noted above, the Board approved the price for this gas at the approved Union Gas Ontario landed reference price for each quarter. As can be seen in Schedule 6, ENGLP is not forecasting to purchase any additional local production gas in excess of the 1,000,000 m³ noted above at this time.

As explained in Union's EB-2016-0334 QRAM application, Union no longer calculates an Ontario landed reference price. This reference price has been replaced by the Dawn reference price. This is described on pages 5-6 and 10-11 of Tab 1 of the Union evidence in EB-2016-0334, as well as in the table and notes that follow the table on page 2 of the application.

- 1 The Board approved the use of the Dawn reference price for ENGLP, on an interim basis
- 2 in EB-2016-0341 and indicated that this matter should be brought forward in ENGLP's
- 3 2017-2021 rates application.

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- 5 ENGLP has used the Dawn reference price of \$0.150971 per m<sup>3</sup> for the gas in excess of
- 6 1,000,000 m<sup>3</sup> per year forecast to be purchased from the local producer. This figure can
- 7 be found in Union's current QRAM (EB-2018-0315) application, dated December 11,
- 8 2018, at lines 15-16 of page 1 in Tab 2.

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- 10 At the time this application was prepared the Union Gas QRAM price for January 1, 2019
- 11 rates was not yet approved by the Board. Any differences between the applied for and
- 12 Board Approved Dawn reference price for Union will be reflected in ENGLP's next
- 13 QRAM application and evidence.

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- 15 Union Gas System Gas Pricing
- 16 As noted earlier, ENGLP returned to system gas purchases on the Union Gas system on
- 17 November 1, 2016.

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- 19 The price forecast for this gas has been taken from the Union's QRAM application in EB-
- 20 2018-0315 dated December 11, 2018, where the gas supply commodity charge has been
- 21 forecast as \$0.180395 per m<sup>3</sup> and is shown in the Union Gas line on ENGLP's Schedule 6
- 22 and in \$/GJ on Schedule 7. The \$0.180395 per m<sup>3</sup> figure is taken from Union's
- 23 application on line 4 on page 6 in Appendix A to EB-2018-0315. This is Union's Total
- 24 Gas Supply Commodity Charge for Utility Sales.

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- 26 At the time this application was prepared the Union gas supply commodity charge for
- 27 January 1, 2019 rates was not yet approved by the Board. Any differences between the
- applied for and Board approved gas supply commodity charge for Union will be reflected
- 29 in ENGLP's next QRAM application and evidence.

# 1 Other Forecast Assumptions

- 2 The heat value used to convert GJ to m<sup>3</sup> is 38.89 GJ/10<sup>3</sup> m<sup>3</sup>. This is consistent with the
- 3 figure used by Union Gas in their QRAM application. It is found on page 1 of Tab 2 in
- 4 EB-2018-0315, at line 19. ENGLP uses this conversion factor to calculate the cost in
- 5 \$/GJ.

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# 7 PGCVA Balance

- 8 The projected December, 2018 balance in the PGCVA is a debit of \$29,649.65 including
- 9 a debit of \$68,658.73 in accumulated interest, based on the Board's prescribed interest
- 10 rate. This estimate is based on actual and forecasted purchases and the balance brought
- forward from December, 2017. The PGCVA debit amounts to a charge of approximately
- \$2.26 for a typical residential customer consuming approximately 2,143.6 m<sup>3</sup> per year.
- 13 These figures are shown on Schedule 2.

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# 15 Proposed PGCVA Rate Changes

- 16 ENGLP proposes to adjust the reference price effective January 1, 2019 based on the
- projected accumulated balance in the PGCVA as of the end of December, 2018 and the
- 18 forecasted cost of gas over the twelve-month period beginning January 1, 2019 and
- 19 ending December, 2019. The reference price is set such that the projected PGCVA
- balance at the end of December, 2019 is close to zero.

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- 22 ENGLP's proposal will clear the PGCVA balance on a prospective basis, eliminating the
- 23 need for retroactive adjustments. This is consistent with ENGLP's past proposals in
- 24 QRAM applications, which have been accepted by the Board.

- 26 ENGLP proposes to change the reference price by \$0.026974 per m<sup>3</sup> effective January 1,
- 27 2019, from \$0.159076 per m<sup>3</sup> to \$0.186050 per m<sup>3</sup>. The derivation of this rate is shown
- 28 in Schedule 5. This is the reference price required to bring the PGCVA balance close to
- 29 zero on a twelve-month forecast basis. This change will also be reflected in the gas
- 30 commodity charge.

# GAS PURCHASE REBALANCING ACCOUNT

2 The impact on the GPRA of the proposed January, 1, 2019 PGCVA reference price change from \$0.159076 per m<sup>3</sup> to \$0.186050 per m<sup>3</sup> is a credit of \$199,389.63, as shown 3 on Schedule 8. This figure is shown in column (J) of Schedule 8 on the December, 2018 4 5 line. It is calculated as the change in the PGCVA reference price between December, 6 2018 and January, 2019, multiplied by the cumulative inventory balance at the end of 7 December. This cumulative inventory balance is the sum of the actual monthly inventory 8 balances for October, 2018 and forecasts for the subsequent months. These forecasts will 9 be replaced with actual balances for these months in subsequent ORAM applications as 10 this information becomes available. As well, the monthly inventory balances are based on a deemed level of unaccounted for gas ("UFG") of the total throughput volume, as 11 12 shown in column (E) of Schedule 8. The 0.0% is the Board approved level of UFG from

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EB-2010-0018.

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In addition, ENGLP discovered an error in the calculation of the throughput volumes for the months of January, 2018 through May, 2018. The error in the spreadsheet was corrected and the correct throughput volumes have been reflected for these months in Schedule 8.

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ENGLP proposes to adjust the gas commodity charge effective January 1, 2019 based on the projected accumulated balance in the GPRA. The adjustment to the gas commodity charge will be set such that the projected GPRA balance at the end of December, 2019 will be close to zero. The rate required to achieve this is shown in column (K) on Schedule 8. Column (P) shows the reduction of the inventory revaluation balance based on this rate of \$(0.006778) per m³ over the January, 2019 through December, 2019 period.

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ENGLP's proposal will clear the GPRA balance on a prospective basis, eliminating the need for retroactive adjustments. This is consistent with ENGLP's proposal for the

1 continued prospective clearance of the PGCVA. This change will also be reflected in the

2 gas commodity charge.

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# **GAS COMMODITY CHARGE**

5 The system gas supply cost of \$0.000363 per m<sup>3</sup> will be maintained at the level approved

in EB-2010-0018. This figure represents the incremental costs over and above the

7 commodity and transportation costs that form the PGCVA reference price to the gas

8 supply function. These incremental costs are portions of administrative and general

expenses, regulatory and consulting fees associated with the QRAM applications, return

on rate base (working cash allowance related to gas commodity) and income taxes. This

functionalization is unchanged from that approved in EB-2010-0018.

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The change in the gas commodity charge proposed for January 1, 2019 is summarized

below. The change in the gas commodity charge reflects both the change in the PGCVA

reference price and the change in the recovery of the inventory revaluation amount in the

16 GPRA. The change in the gas commodity charge is as follows:

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18		EB-2018-0261	Proposed	
19		Oct. 1, 2018	Jan. 1, 2019	Difference
20	PGCVA Reference Price	\$0.159076	\$0.186050	\$0.026974
21	GPRA Recovery	\$0.001065	\$(0.006778)	\$(0.007843)
22	System Gas Supply Cost	<u>\$0.000363</u>	\$0.000363	\$0.000000
23	Gas Commodity Charge	\$0.160504	\$0.179635	\$0.019131

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# **SUMMARY**

- 27 In summary, ENGLP proposes to change the reference price for amounts to be recorded
- 28 in the Purchased Gas Commodity Variance Account from \$0.159076 by \$0.026974 to
- 29 \$0.186050 per m<sup>3</sup> effective January 1, 2019. Appendix B contains the accounting entries
- 30 related to the PGCVA.

1 ENGLP also proposes to change the gas supply charge from \$0.160504 to \$0.179635 per 2 m<sup>3</sup> effective January 1, 2019. This change reflects the change in the PGCVA reference 3 price, as described above, the change related to the recovery of the GPRA balance, also as described above, and the continuation of the system gas supply cost. These changes 4 5 apply to all system gas customers served under Rates 1, 2, 3, 4, 5 and 6. 6 7 The proposed rate schedules are attached as Appendix A. The proposed rate schedules in 8 Appendix A reflect both the changes effective January 1, 2019 related this QRAM 9 application and the approved changes in the distribution rates and rate riders from the 10 EB-2018-0235 Decision and Rate Order dated December 6, 2018. The proposed 11 customer notices are attached as Appendix C. 12 13 Schedule 9 provides a bill comparison showing the impact of the proposed changes on a 14 year over year basis for the appropriate quarter as well as the annual bill impact of the 15 most recent quarterly change for an average residential customer. The annual bill impact related to the change in the commodity charges on a customer consuming approximately 16  $2,009 \text{ m}^3$  is an increase of \$38.44. 17

#### PURCHASED GAS COMMDOITY VARIANCE ACCOUNT - PROJECTED BALANCE

#### HISTORICAL TWELVE MONTH PERIOD - JANUARY, 2018 TO DECEMBER, 2018

Act/Fcst	<u>Month</u>	Purchase Cost (\$'s)	<u>M*3</u>	Actual/ Forecast Price (\$/M*3)	Reference Price (\$/M*3)	Unit Rate Difference (\$/M*3)	Monthly PGCVA ( <u>\$'s)</u>	Y-T-D PGCVA ( <u>\$'s)</u> (1)	Monthly Interest (\$'s)	Y-T-D Interest ( <u>\$'s)</u> (2)	Total PGCVA ( <u>\$'s)</u>	Total Y-T-D PGCVA (\$'s)	Average Residential Consumption (M*3)		Monthly Interest <u>Rate</u>
Actual	January	726,169	4,490,439	0.161715	0.165860	0.004145	18,614.74	23,265.33	5.81	-69,038.21	18,620.55	-45,772.88	391.4	(4)	1.50%
Actual	February	495,740	3,048,637	0.162611	0.165860	0.003249	9,906.45	33,171.78	29.08	-69,009.13	9,935.53	-35,837.35	290.9	(4)	1.50%
Actual	March	522,566	3,210,575	0.162764	0.165860	0.003096	9,939.50	43,111.28	41.46	-68,967.67	9,980.96	-25,856.39	294.7	(4)	1.50%
Actual	April	322,682	2,222,227	0.145207	0.146120	0.000913	2,029.73	45,141.01	67.90	-68,899.77	2,097.63	-23,758.76	227.9		1.89%
Actual	May	185,091	1,231,281	0.150324	0.146120	(0.004204)	-5,176.19	39,964.82	71.10	-68,828.67	-5,105.09	-28,863.85	54.3		1.89%
Actual	June	186,920	1,155,696	0.161738	0.146120	(0.015618)	-18,049.63	21,915.19	62.94	-68,765.73	-17,986.69	-46,850.54	43.3		1.89%
Actual	July	79,690	474,257	0.168030	0.146120	(0.021910)	-10,391.21	11,523.98	34.52	-68,731.21	-10,356.69	-57,207.23	39.1		1.89%
Actual	August	119,213	757,824	0.157310	0.146120	(0.011190)	-8,479.95	3,044.03	18.15	-68,713.06	-8,461.80	-65,669.03	39.3		1.89%
Actual	September	181,993	1,210,745	0.150315	0.146120	(0.004195)	-5,079.06	-2,035.03	4.79	-68,708.27	-5,074.27	-70,743.30	60.1		1.89%
Actual	October	396,378	2,534,952	0.156365	0.159076	0.002711	6,872.26	4,837.23	-3.68	-68,711.95	6,868.58	-63,874.72	178.1	(3)	2.17%
Forecast	November	650,502	4,213,441	0.154387	0.159076	0.004689	19,755.43	24,592.66	8.75	-68,703.20	19,764.18	-44,110.54	202.7		2.17%
Forecast	December	<u>549,518</u>	3,545,062	<u>0.155009</u>	0.159076	0.004067	14,416.42	39,009.08	44.47	-68,658.73	14,460.89	-29,649.65	<u>321.8</u>		2.17%
	Total	4,416,463	28,095,136	0.157197			34,358.49	39,009.08	385.29	-68,658.73	34,743.78	-29,649.65	2,143.6		

PGCVA Balance per M\*3 Purchased (\$/M\*3) Forecast Average Residential Consumption per Customer (\$0.001055) 2,143.6 M\*3

Estimated Impact on Average Residential Customer

\$2.26 Customer Charge

(1) Includes balance of 4,650.59 as of Dec., 2017 (2) Includes balance of -69,044.02 as of Dec., 2017

(3) Average Residential Consumption is forecast

#### COMPOSITION AND COST OF GAS BY SUPPLY SOURCE

#### HISTORICAL TWELVE MONTH PERIOD - JANUARY, 2018 TO DECEMBER, 2018

Volumes (m3)	<u>Jan-18</u>	Feb-18	<u>Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	Oct-18	<u>Nov-18</u>	<u>Dec-18</u>	<u>Total</u>
Local Production (A) Local Production (B) Dawn Delivery Parkway Delivery Western Delivery Union Gas	84,932 23,369 0 0 0 4,382,139	76,712 14,721 0 0 0 2,957,204	84,931 19,854 0 0 0 3,105,790	82,192 15,679 0 0 0 2,124,357	84,932 13,647 0 0 0 1,132,703	82,192 11,674 0 0 0 1,061,830	84,931 8,878 0 0 0 380,449	84,932 7,897 0 0 0 664,996	82,192 66 0 0 0 1,128,487	83,677 0 0 0 0 2,451,275	83,446 0 0 0 0 4,129,995	84,932 0 0 0 0 0 3,460,130	999,999 115,783 0 0 0 26,979,354
Total	4,490,439	3,048,637	3,210,575	2,222,227	1,231,281	1,155,696	474,257	757,824	1,210,745	2,534,952	4,213,441	3,545,062	28,095,136
Price (\$/m3)													
Local Production (A) Local Production (B) Dawn Delivery Parkway Delivery Western Delivery Union Gas	0.301200 0.137182 0.000000 0.000000 0.000000 0.159142	0.301200 0.137182 0.000000 0.000000 0.000000 0.159142	0.301200 0.137182 0.000000 0.000000 0.000000 0.159142	0.301200 0.124098 0.000000 0.000000 0.000000 0.139327	0.301200 0.124098 0.000000 0.000000 0.000000 0.139327	0.301200 0.124098 0.000000 0.000000 0.000000 0.151357	0.301200 0.124098 0.000000 0.000000 0.000000 0.139327	0.301200 0.124098 0.000000 0.000000 0.000000 0.139327	0.301200 0.124054 0.000000 0.000000 0.000000 0.139327	0.301200 0.132809 0.000000 0.000000 0.000000 0.151421	0.301200 0.132809 0.000000 0.000000 0.000000 0.151421	0.301200 0.132809 0.000000 0.000000 0.000000 0.151421	
Total Gas Cost (\$)													
Local Production (A) Local Production (B) Dawn Delivery Parkway Delivery Western Delivery Union Gas TCPL Transportation	25,581 3,206 0 0 0 697,382	23,106 2,019 0 0 0 470,615	25,581 2,724 0 0 0 494,262 <u>0</u>	24,756 1,946 0 0 0 295,980 <u>0</u>	25,581 1,694 0 0 0 157,816	24,756 1,449 0 0 0 160,715	25,581 1,102 0 0 0 53,007	25,581 980 0 0 0 92,652 <u>0</u>	24,756 8 0 0 0 157,229	25,204 0 0 0 0 0 371,175 <u>0</u>	25,134 0 0 0 0 0 625,368 <u>0</u>	25,582 0 0 0 0 523,936 <u>0</u>	301,200 15,127 0 0 0 4,100,137 <u>0</u>
Total	726,169	495,740	522,566	322,682	185,091	186,920	79,690	119,213	181,993	396,378	650,502	549,518	4,416,463

# **ACTUAL AND FORECAST GAS PRICES**

#### HISTORICAL TWELVE MONTH PERIOD - JANUARY, 2018 TO DECEMBER, 2018

		<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	Oct-18	<u>Nov-18</u>	<u>Dec-18</u>
Local Production Local Production (A	A) (\$/GJ)	7.749	7.752	7.747	7.747	7.792	7.745	7.749	7.756	7.744	7.670	7.745	7.745
Local Production (E	B) (\$/GJ)	3.529	3.531	3.528	3.192	3.210	3.191	3.193	3.195	3.189	3.382	3.415	3.415
<u>Dawn</u>	(\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<u>Parkway</u>	(\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Western Deliveries	(\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Ratio	(%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TCPL Transportation TCPL Toll	(\$/GJ)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GJ/day (TCPL)		0	0	0	0	0	0	0	0	0	0	0	0
Delivery Committm	ent Credit (\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GJ/day (Obligated)		0	0	0	0	0	0	0	0	0	0	0	0
<u>Union Gas</u>	(\$/GJ)	4.094	4.096	4.093	3.584	3.604	3.892	3.585	3.588	3.582	3.856	3.894	3.894
Heat Value	(GJ/103m3)	38.87	38.85	38.88	38.88	38.66	38.89	38.87	38.84	38.90	39.27	38.89	38.89

#### PURCHASED GAS COMMODITY VARIANCE ACCOUNT

# PROJECTED TWELVE MONTH FORWARD PERIOD - JANUARY, 2019 TO DECEMBER, 2019 (WITH CHANGE IN REFERENCE PRICE)

					7	III OIIANOL III	ILLI LILLINGE I	IXIOL)					
<u>Month</u>	Purchase Cost <u>(\$'s)</u>	<u>M*3</u>	Forecast Price (\$/M*3)	Reference Price (\$/M*3)	Unit Rate Difference (\$/M*3)	Monthly PGCVA ( <u>\$'s)</u>	Y-T-D PGCVA ( <u>\$'s)</u> (1)	Monthly Interest (\$'s)	Y-T-D Interest ( <u>\$'s)</u> (2)	Total PGCVA <u>(\$'s)</u>	Total Y-T-D PGCVA <u>(\$'s)</u>	Average Residential Consumption (M*3)	Monthly Interest <u>Rate</u>
January	746,134	4,079,235	0.182910	0.186050	0.003140	12,807.86	51,816.94	70.54	-68,588.19	12,878.40	-16,771.25	355.2	2.17%
February	739,962	4,050,527	0.182683	0.186050	0.003367	13,639.02	65,455.96	93.70	-68,494.49	13,732.72	-3,038.53	293.2	2.17%
March	443,027	2,398,995	0.184672	0.186050	0.001378	3,306.11	68,762.07	118.37	-68,376.12	3,424.48	385.95	246.2	2.17%
April	330,097	1,774,815	0.185990	0.186050	0.000060	107.37	68,869.44	124.34	-68,251.78	231.71	617.66	186.6	2.17%
May	149,571	772,255	0.193681	0.186050	(0.007631)	-5,893.11	62,976.33	124.54	-68,127.24	-5,768.57	-5,150.91	89.7	2.17%
June	88,265	434,247	0.203260	0.186050	(0.017210)	-7,473.54	55,502.79	113.88	-68,013.36	-7,359.66	-12,510.57	53.1	2.17%
July	74,441	355,777	0.209234	0.186050	(0.023184)	-8,248.29	47,254.50	100.37	-67,912.99	-8,147.92	-20,658.49	40.9	2.17%
August	183,085	958,033	0.191105	0.186050	(0.005055)	-4,842.53	42,411.97	85.45	-67,827.54	-4,757.08	-25,415.57	42.8	2.17%
September	274,111	1,464,460	0.187175	0.186050	(0.001125)	-1,647.79	40,764.18	76.69	-67,750.85	-1,571.10	-26,986.67	58.5	2.17%
October	434,907	2,353,984	0.184754	0.186050	0.001296	3,050.76	43,814.94	73.72	-67,677.13	3,124.48	-23,862.19	118.7	2.17%
November	770,013	4,213,441	0.182752	0.186050	0.003298	13,895.93	57,710.87	79.23	-67,597.90	13,975.16	-9,887.03	202.7	2.17%
December	649,772	3,545,062	0.183289	0.186050	0.002761	9,787.92	67,498.79	<u>104.36</u>	<u>-67,493.54</u>	9,892.28	<u>5.25</u>	321.8	2.17%
Total	4,883,383	26,400,831	0.184971			28,489.71	67,498.79	1,165.19	-67,493.54	29,654.90	5.25	2,009.4	

PGCVA Balance per M\*3 Purchased (\$/M\*3) Forecast Average Residential Consumption per Customer Estimated Impact on Average Residential Customer \$0.000000 2,009.4 M\*3

\$0.00 Customer Rebate

 (1) Includes
 Dec., 2018
 year-to-date balance of
 \$39,009.08
 (See Schedule 2)

 (2) Includes
 Dec., 2018
 year-to-date balance of
 (\$68,658.73)
 (See Schedule 2)

# **COMPOSITION AND COST OF GAS BY SUPPLY SOURCE**

#### PROJECTED TWELVE MONTH FORWARD PERIOD - JANUARY, 2019 TO DECEMBER, 2019

Volumes (m3)	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	<u>Aug-19</u>	<u>Sep-19</u>	<u>Oct-19</u>	<u>Nov-19</u>	<u>Dec-19</u>	<u>Total</u>
Local Production (A) Local Production (B) Dawn Delivery Parkway Delivery Western Delivery	84,932 0 0 0 0	76,708 0 0 0 0	84,932 0 0 0 0	82,192 0 0 0 0	84,932 0 0 0 0	82,192 0 0 0 0	84,932 0 0 0 0	84,932 0 0 0 0	82,193 0 0 0 0	84,932 0 0 0 0	82,192 0 0 0 0	84,932 0 0 0 0	1,000,000 0 0 0
Union Gas	3,994,303	3,973,819	2,314,063	1,692,623	<u>687,323</u>	<u>352,055</u>	<u>270,845</u>	<u>873,101</u>	1,382,268	2,269,053	4,131,249	3,460,130	25,400,831
Total	4,079,235	4,050,527	2,398,995	1,774,815	772,255	434,247	355,777	958,033	1,464,460	2,353,984	4,213,441	3,545,062	26,400,831
Price (\$/m3)													
Local Production (A) Local Production (B) Dawn Delivery Parkway Delivery Western Delivery Union Gas	0.301200 0.150971 0.000000 0.000000 0.000000 0.180395												
Total Gas Cost (\$)													
Local Production (A) Local Production (B) Dawn Delivery Parkway Delivery Western Delivery Union Gas TCPL Transportation	25,582 0 0 0 0 720,552 0	23,104 0 0 0 0 0 716,857 <u>0</u>	25,582 0 0 0 0 0 417,445 <u>0</u>	24,756 0 0 0 0 0 305,341 <u>0</u>	25,582 0 0 0 0 0 123,990 <u>0</u>	24,756 0 0 0 0 0 63,509	25,582 0 0 0 0 0 48,859	25,582 0 0 0 0 0 157,503 <u>0</u>	24,757 0 0 0 0 0 249,354 <u>0</u>	25,581 0 0 0 0 409,326 <u>0</u>	24,756 0 0 0 0 0 745,257 <u>0</u>	25,582 0 0 0 0 0 624,190 <u>0</u>	301,200 0 0 0 0 4,582,183 <u>0</u>
Total	746,134	739,962	443,027	330,097	149,571	88,265	74,441	183,085	274,111	434,907	770,013	649,772	4,883,383

# **FORECAST GAS PRICES**

### PROJECTED TWELVE MONTH FORWARD PERIOD - JANUARY, 2019 TO DECEMBER, 2019

		<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	<u>Aug-19</u>	<u>Sep-19</u>	Oct-19	<u>Nov-19</u>	<u>Dec-19</u>
Local Production Local Production (A	A) (\$/GJ)	7.745	7.745	7.745	7.745	7.745	7.745	7.745	7.745	7.745	7.745	7.745	7.745
Local Production (E	B) (\$/GJ)	3.882	3.882	3.882	3.882	3.882	3.882	3.882	3.882	3.882	3.882	3.882	3.882
<u>Dawn</u>	(\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<u>Parkway</u>	(\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Western Deliveries	(\$/GJ)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Ratio	(%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TCPL Transportation TCPL Toll	(\$/GJ)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GJ/day (TCPL)		0	0	0	0	0	0	0	0	0	0	0	0
Delivery Committm	ent Credit	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GJ/day (Obligated)		0	0	0	0	0	0	0	0	0	0	0	0
<u>Union Gas</u>	(\$/GJ)	4.639	4.639	4.639	4.639	4.639	4.639	4.639	4.639	4.639	4.639	4.639	4.639
Heat Value	(GJ/103m3)	38.89	38.89	38.89	38.89	38.89	38.89	38.89	38.89	38.89	38.89	38.89	38.89

#### GAS PURCHASE REBALANCING ACCOUNT

#### JANUARY, 2018 THROUGH DECEMBER, 2019

<u>Month</u>	Purchase Volume (M*3) A	Throughput Volume (M*3) B	Direct Purchase Volume ( <u>M*3)</u> C	System Sales Volume (M*3) D=B-C	Deemed U.F.G. (M*3) E	System Sales + U.F.G. (M*3) F=D+E	Monthly Inventory Balance (M*3) G=A-F	Cumulative Inventory (M*3) H (1)	Reference Price (\$/M*3) I	Inventory Revaluation (\$'s) J	Inventory Rate (\$/M*3) K	Inventory Recovery (\$'s) L=KxD	Y-T-D GPRA Balance ( <u>\$'s)</u> M (2)	Monthly Interest (\$'s) N	Y-T-D Interest (\$'s) O (3)	Total Y-T-D GPRA ( <u>\$'s)</u> P=M+O	Monthly Interest <u>Rate</u>
January	4,490,439	7,985,316	3,487,897	4,497,419	0	4,497,419	-6,980	7,234,573	0.165860	0.00	0.001932	8,689.01	-48,095.15	-70.98	-2,287.24	-50,382.39	1.50%
February	3,048,637	6,364,963	2,992,429	3,372,534	0	3,372,534	-323,898	6,910,675	0.165860	0.00	0.001932	6,515.74	-41,579.41	-60.12	-2,347.36	-43,926.77	1.50%
March	3,210,575	6,690,121	3,176,213	3,513,908	0	3,513,908	-303,333	6,607,342	0.165860	-130,428.94	0.001932	6,788.87	-165,219.48	-51.97	-2,399.33	-167,618.81	1.50%
April	2,222,227	5,001,224	2,281,465	2,719,759	0	2,719,759	-497,532	6,109,810	0.146120	0.00	0.006355	17,284.07	-147,935.41	-260.22	-2,659.55	-150,594.96	1.89%
May	1,231,281	3,739,984	3,019,192	720,792	0	720,792	510,489	6,620,299	0.146120	0.00	0.006355	4,580.63	-143,354.78	-233.00	-2,892.55	-146,247.33	1.89%
June	1,155,696	3,391,635	2,811,002	580,633	0	580,633	575,063	7,195,362	0.146120	0.00	0.006355	3,689.92	-139,664.86	-225.78	-3,118.33	-142,783.19	1.89%
July	474,257	3,291,796	2,817,402	474,394	0	474,394	-137	7,195,225	0.146120	0.00	0.006355	3,014.77	-136,650.09	-219.97	-3,338.30	-139,988.39	1.89%
August	757,824	3,493,972	2,908,080	585,892	0	585,892	171,932	7,367,157	0.146120	0.00	0.006355	3,723.34	-132,926.75	-215.22	-3,553.52	-136,480.27	1.89%
September	1,210,745	3,375,148	2,189,704	1,185,444	0	1,185,444	25,301	7,392,459	0.146120	95,776.69	0.006355	7,533.50	-29,616.55	-209.36	-3,762.88	-33,379.43	1.89%
October	2,534,952	7,925,074	5,389,582	2,535,492	0	2,535,492	-540	7,391,919	0.159076	0.00	0.001065	2,700.30	-26,916.25	-53.56	-3,816.44	-30,732.69	2.17%
November	4,213,441	8,399,533	4,186,092	4,213,441	0	4,213,441	0	7,391,919	0.159076	0.00	0.001065	4,487.31	-22,428.94	-48.67	-3,865.11	-26,294.05	2.17%
December	3,545,062	7,718,824	4,173,762	3,545,062	0	3,545,062	0	7,391,919	0.159076	199,389.63	0.001065	3,775.49	180,736.17	-40.56	-3,905.67	176,830.50	2.17%
January	4,079,235	8,282,049	4,202,814	4,079,235	0	4,079,235	0	7,391,919	0.186050	0.00	(0.006778)	-27,649.05	153,087.12	326.83	-3,578.84	149,508.28	2.17%
February	4,050,527	8,236,394	4,185,867	4,050,527	0	4,050,527	0	7,391,919	0.186050	0.00	(0.006778)	-27,454.47	125,632.65	276.83	-3,302.01	122,330.64	2.17%
March	2,398,995	6,522,361	4,123,366	2,398,995	0	2,398,995	0	7,391,919	0.186050	0.00	(0.006778)	-16,260.39	109,372.26	227.19	-3,074.82	106,297.44	2.17%
April	1,774,815	5,838,885	4,064,070	1,774,815	0	1,774,815	0	7,391,919	0.186050	0.00	(0.006778)	-12,029.70	97,342.56	197.78	-2,877.04	94,465.52	2.17%
May	772,255	4,811,958	4,039,703	772,255	0	772,255	0	7,391,919	0.186050	0.00	(0.006778)	-5,234.34	92,108.22	176.03	-2,701.01	89,407.21	2.17%
June	434,247	4,450,687	4,016,440	434,247	0	434,247	0	7,391,919	0.186050	0.00	(0.006778)	-2,943.33	89,164.89	166.56	-2,534.45	86,630.44	2.17%
July	355,777	4,380,804	4,025,027	355,777	0	355,777	0	7,391,919	0.186050	0.00	(0.006778)	-2,411.46	86,753.43	161.24	-2,373.21	84,380.22	2.17%
August	958,033	4,975,642	4,017,609	958,033	0	958,033	0	7,391,919	0.186050	0.00	(0.006778)	-6,493.55	80,259.88	156.88	-2,216.33	78,043.55	2.17%
September	1,464,460	5,542,412	4,077,952	1,464,460	0	1,464,460	0	7,391,919	0.186050	0.00	(0.006778)	-9,926.11	70,333.77	145.14	-2,071.19	68,262.58	2.17%
October	2,353,984	6,515,635	4,161,651	2,353,984	0	2,353,984	0	7,391,919	0.186050	0.00	(0.006778)	-15,955.30	54,378.47	127.19	-1,944.00	52,434.47	2.17%
November	4,213,441	8,399,533	4,186,092	4,213,441	0	4,213,441	0	7,391,919	0.186050	0.00	(0.006778)	-28,558.70	25,819.77	98.33	-1,845.67	23,974.10	2.17%
December	3,545,062	7,718,824	4,173,762	3,545,062	0	3,545,062	0	7,391,919	0.186050	0.00	(0.006778)	-24,028.43	1,791.34	46.69	-1,798.98	-7.64	2.17%

Includes balance of Includes balance of

7,241,553 as of December, 2017 -56,784.16 as of December, 2017 -2,216.26 as of December, 2017

(2) Includes balance of

#### **RESIDENTIAL BILL COMPARISONS**

#### **QUARTERLY BILL IMPACT**

	Quarter	Quarter		
	Starting	Starting		
	01-Jan-18	01-Jan-19	\$	Percent
	EB-2017-0355	EB-2018-0324	Change	Change
			<u></u> _	<u> </u>
Average Residential Consumption for Quarter	894.6	894.6		
Monthly Charges	\$40.50	\$46.50	\$6.00	14.8%
Delivery Charges	\$175.34	\$142.68	(\$32.66)	-18.6%
Total Commodity Charges	<u>\$150.43</u>	<u>\$160.70</u>	<u>\$10.27</u>	<u>6.8%</u>
Total Customer Charges	\$366.27	\$349.88	(\$16.39)	-4.5%
AN	NUAL BILL IMP	<u>ACT</u>		
	01-Oct-18	01-Jan-19	\$	Percent
	EB-2018-0261	EB-2018-0324	<u>Change</u>	<u>Change</u>
Average Residential Consumption	2,009.4	2,009.4		
Average Residential Consumption	2,000.4	2,000.4		
Monthly Charges	\$186.00	\$186.00	\$0.00	0.0%
Delivery Charges	\$320.47	\$320.47	\$0.00	0.0%
Total Commodity Charges	<u>\$322.52</u>	<u>\$360.96</u>	<u>\$38.44</u>	<u>11.9%</u>
Total Customer Charges	\$828.99	\$867.43	\$38.44	4.6%
	RATES USED			
		(1)	(1)	
	01-Jan-18	01-Oct-18	01-Jan-19	
	EB-2017-0355	EB-2018-0261	EB-2018-0324	
Monthly Charge	13.50	15.50	15.50	
Delivery Charge	0.195994	0.159486	0.159486	
Total Commodity Charge	0.168155	0.160504	0.179635	

<sup>(1)</sup> October, 2018 and January, 2019 rates reflect the approved Monthly Charge and Delivery Charge from the EB-2018-0235 Decision and Rate Order dated December 6, 2018. The rates shown do not include any rate riders.

# APPENDIX "A" TO DECISION AND INTERIM RATE ORDER BOARD FILE No. EB-2018-0324 DATED DECEMBER XX, 2018

### **RATE 1 - General Service Rate**

## Rate Availability

The entire service area of the Company.

#### **Eligibility**

All customers.

#### Rate

a)	Monthly Fixed Charge	\$15.50
	Rate Rider for 2019 Shared Tax Changes – effective for 12 months ending December 31, 2019	\$0.1084
	Rate Rider for Oct-Dec 2018 Shared Tax Changes – effective for 12 months ending December 31, 2019	\$0.0271
	Rate Rider for REDA Recovery  – effective for 12 months ending December 31, 2019	\$1.50
	Rate Rider for 2019 Rate Base Rebalancing – effective for 12 months ending December 31, 2019	\$1.8140
b)	Delivery Charge First 1,000 m³ per month All over 1,000 m³ per month	15.9486 cents per m <sup>3</sup> 11.3519 cents per m <sup>3</sup>
	Rate Rider for Oct-Dec 2018 Unrecovered IRM Adjustment – effective for 12 months ending December 31, 2019	0.2221 cents per m <sup>3</sup>
	Rate Rider for PGTVA disposal – effective for 12 months ending December 31, 2019	(1.7172) cents per m <sup>3</sup>
c)	Gas Supply Charge and System Gas Refund Rate Rider (if applicable)	Schedule A

#### **Meter Readings**

Gas consumption by each customer under this rate schedule shall be determined by monthly meter reading, provided that in circumstances beyond the control of the company such as strikes or non-access to a meter, the company may estimate the consumption each month as of the scheduled date of the regular monthly meter reading and render a monthly bill to the customer thereof.

# **Delayed Payment Penalty**

When payment is not made in full by the due date noted on the bill, which date shall not be less than 16 calendar days after the date of mailing, hand delivery or electronic transmission of the bill, the balance owing will be increased by 1.5%. Any balance remaining unpaid in subsequent months will be increased by a further 1.5% per month. The minimum delayed payment penalty shall be one dollar (\$1.00).

# **Bundled Direct Purchase Delivery**

Where a customer elects under this rate schedule to directly purchase its gas from a supplier other than EPCOR, the customer or their agent must enter into a Bundled T-Service Receipt Contract with EPCOR for delivery of gas to EPCOR. Bundled T-Service Receipt Contract rates are described in rate schedule BT1. The gas supply charge will not be applicable to customers who elect said Bundled T transportation service.

Unless otherwise authorized by EPCOR, customers who are delivering gas to EPCOR under direct purchase arrangements must obligate to deliver said gas at a point acceptable to EPCOR, and must acquire and maintain firm transportation on all pipeline systems upstream of Ontario.

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

#### **RATE 2 - Seasonal Service**

#### **Rate Availability**

The entire service area of the company.

#### **Eligibility**

All customers.

# Rate

For a	all gas consumed from:	April 1 through October 31:	November1 through March 31:
a)	Monthly Fixed Charge	\$17.25	\$17.25
	Rate Rider for 2019 Shared Tax Changes – effective for 12 months ending December	\$0.6908 31, 2019	\$0.6908
	Rate Rider for Oct-Dec 2018 Shared Tax Cl – effective for 12 months ending December	- C	\$0.1727
	Rate Rider for REDA Recovery  – effective for 12 months ending December	\$1.50 31, 2019	\$1.50
	Rate Rider for 2019 Rate Base Rebalancing – effective for 12 months ending December		\$11.5587
b)	Delivery Charge First 1,000 m³ per month Next 24,000 m³ per month All over 25,000 m³ per month Rate Rider for Oct-Dec 2018 Unrecovered IRM Adjustment – effective for 12 months ending December 31, 2019  Rate Rider for PGTVA disposal – effective for 12 months ending	17.2765 cents per m <sup>3</sup> 9.4826 cents per m <sup>3</sup> 6.1698 cents per m <sup>3</sup> 0.1223 cents per m <sup>3</sup> (1.7172) cents per m <sup>3</sup>	21.7767 cents per m <sup>3</sup> 15.6960 cents per m <sup>3</sup> 15.2899 cents per m <sup>3</sup> 0.1223 cents per m <sup>3</sup> (1.7172) cents per m <sup>3</sup>
c)	December 31, 2019  Gas Supply Charge and System Gas Refund	Rate Rider (if applicable)	Schedule A

#### **Meter Readings**

Gas consumption by each customer under this rate schedule shall be determined by monthly meter reading, provided that in circumstances beyond the control of the company such as strikes or non-access to a meter, the company may estimate the consumption each month as of the scheduled date of the regular monthly meter reading and render a monthly bill to the customer thereof.

# **Delayed Payment Penalty**

When payment is not made in full by the due date noted on the bill, which date shall not be less than 16 calendar days after the date of mailing, hand delivery or electronic transmission of the bill, the balance owing will be increased by 1.5%. Any balance remaining unpaid in subsequent months will be increased by a further 1.5% per month. The minimum delayed payment penalty shall be one dollar (\$1.00).

# **Bundled Direct Purchase Delivery**

Where a customer elects under this rate schedule to directly purchase its gas from a supplier other than EPCOR, the customer or their agent must enter into a Bundled T-Service Receipt Contract with EPCOR for delivery of gas to EPCOR. Bundled T-Service Receipt Contract rates are described in rate schedule BT1. The gas supply charge will not be applicable to customers who elect said Bundled T transportation service.

Unless otherwise authorized by EPCOR, customers who are delivering gas to EPCOR under direct purchase arrangements must obligate to deliver said gas at a point acceptable to EPCOR, and must acquire and maintain firm transportation on all pipeline systems upstream of Ontario.

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

### **RATE 3 - Special Large Volume Contract Rate**

#### **Rate Availability**

Entire service area of the company.

#### **Eligibility**

A customer who enters into a contract with the company for the purchase or transportation of gas:

- a) for a minimum term of one year;
- b) that specifies a combined daily contracted demand for firm and interruptible service of at least 700 m<sup>3</sup>; and
- c) a qualifying annual volume of at least 113,000 m<sup>3</sup>.

#### Rate

- 1. Bills will be rendered monthly and shall be the total of:
  - a) A Monthly Customer Charge:

A Monthly Customer Charge of \$172.50 for firm or interruptible customers; or A Monthly Customer Charge of \$201.25 for combined (firm and interruptible) customers.

Rate Rider for 2019 Shared Tax Changes – effective for 12 months ending December 31, 2019	\$5.6243
Rate Rider for Oct-Dec 2018 Shared Tax Changes – effective for 12 months ending December 31, 2019	\$1.4061
Rate Rider for REDA Recovery – effective for 12 months ending December 31, 2019	\$1.50
Rate Rider for 2019 Rate Base Rebalancing – effective for 12 months ending December 31, 2019	\$94.1034

- b) A Monthly Demand Charge:
  - A Monthly Demand Charge of 29.0974 cents per m<sup>3</sup> for each m<sup>3</sup> of daily contracted firm demand.
- c) A Monthly Delivery Charge:
  - (i) A Monthly Firm Delivery Charge for all firm volumes of 4.3127 cents per m<sup>3</sup>,
  - (ii) A Monthly Interruptible Delivery Charge for all interruptible volumes to be negotiated between the company and the customer not to exceed 10.9612 cents per m<sup>3</sup> and not to be less than 7.9412 per m<sup>3</sup>.

Rate Rider for Oct-Dec 2018 Unrecovered IRM Adjustment – effective for 12 months ending December 31, 2019	0.0920 cents per m <sup>3</sup>
Rate Rider for PGTVA disposal – effective for 12 months ending December 31, 2019	(1.7172) cents per m <sup>3</sup>

- d) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)
- Schedule A

e) Overrun Gas Charges:

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

If, on any day, the customer should take, without the company's approval in advance, a volume of gas in excess of the maximum quantity of gas which the company is obligated to deliver to the customer on such day, or if, on any day, the customer fails to comply with any curtailment notice reducing the customer's take of gas, then,

- (i) the volume of gas taken in excess of the company's maximum delivery obligation for such day, or
- (ii) the volume of gas taken in the period on such day covered by such curtailment notice (as determined by the company in accordance with its usual practice) in excess of the volume of gas authorized to be taken in such period by such curtailment notice,

as the case may be, shall constitute unauthorized overrun volume.

Any unauthorized firm overrun gas taken in any month shall be paid for at the Rate 3 Firm Delivery Charge in effect at the time the overrun occurs. In addition, the Contract Demand level shall be adjusted to the actual maximum daily volume taken and the Demand Charges stated above shall apply for the whole contract year, including retroactively, if necessary, thereby requiring recomputation of bills rendered previously in the contract year.

Any unauthorized interruptible overrun gas taken in any month shall be paid for at the Rate 1 Delivery Charge in effect at the time the overrun occurs plus any Gas Supply Charge applicable.

For any unauthorized overrun gas taken, the customer shall, in addition, indemnify the company in respect of any penalties or additional costs imposed on the company by the company's suppliers, any additional gas cost incurred or any sales margins lost as a consequence of the customer taking the unauthorized overrun volume.

- 2. In negotiating the Monthly Interruptible Commodity Charge referred to in 1(c)(ii) above, 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 the company, or in any event pay for it if available and not accepted by the customer, a minimum volume of gas as specified in the contract between the parties. Overrun volumes will not contribute to the minimum volume. The rate applicable to the shortfall from this minimum shall be 3.1530 cents per m<sup>3</sup> for firm gas and 5.4412 cents per m<sup>3</sup> for interruptible gas.
- 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 Firm Delivery Commodity Charge to be applied on such volume during the transition of 5.7163 cents per m³ and a gas supply commodity charge as set out in Schedule A, if applicable. Gas purchased under this clause will not contribute to the minimum volume.

#### **Bundled Direct Purchase Delivery**

Where a customer elects under this rate schedule to directly purchase its gas from a supplier other than EPCOR, the customer or their agent must enter into a Bundled T-Service Receipt Contract with EPCOR for delivery of gas to EPCOR. Bundled T-Service Receipt Contract rates are described in rate schedule BT1. The gas supply charge will not be applicable to customers who elect said Bundled T transportation service.

Unless otherwise authorized by EPCOR, customers who are delivering gas to EPCOR under direct purchase arrangements must obligate to deliver said gas at a point acceptable to EPCOR, and must acquire and maintain firm transportation on all pipeline systems upstream of Ontario.

# **Delayed Payment Penalty**

When payment is not made in full by the due date noted on the bill, which date shall not be less than 16 calendar days after the date of mailing, hand delivery or electronic transmission of the bill, the balance owing will be increased by 1.5%. Any balance remaining unpaid in subsequent months will be increased by a further 1.5% per month. The minimum delayed payment penalty shall be one dollar (\$1.00).

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

### **RATE 4 - General Service Peaking**

#### **Rate Availability**

The entire service area of the company.

#### Eligibility

All customers whose operations, in the judgment of EPCOR NATURAL GAS LIMITED PARTNERSHIP, can readily accept interruption and restoration of gas service with 24 hours' notice.

#### Rate

For a	all gas consumed from:	April 1 through December 31:	January1 through March 31:
a)	Monthly Fixed Charge	\$17.25	\$17.25
	Rate Rider for 2019 Shared Tax Changes – effective for 12 months ending December	\$0.8522 31, 2019	\$0.8522
	Rate Rider for Oct-Dec 2018 Shared Tax Cl – effective for 12 months ending December	Č .	\$0.2131
	Rate Rider for REDA Recovery  – effective for 12 months ending December	\$1.50 31, 2019	\$1.50
	Rate Rider for 2019 Rate Base Rebalancing – effective for 12 months ending December		\$14.2590
b)	Delivery Charge		
-,	First 1,000 m <sup>3</sup> per month	17.1487 cents per m <sup>3</sup>	21.8770 cents per m <sup>3</sup>
	All over 1,000 m <sup>3</sup> per month	10.5218 cents per m <sup>3</sup>	16.9052 cents per m <sup>3</sup>
	Rate Rider for Oct-Dec 2018 Unrecovered IRM Adjustment – effective for 12 months ending December 31, 2019	0.1633 cents per m <sup>3</sup>	0.1633 cents per m <sup>3</sup>
	Rate Rider for PGTVA disposal – effective for 12 months ending December 31, 2019	(1.7172) cents per m <sup>3</sup>	(1.7172) cents per m <sup>3</sup>
c)	Gas Supply Charge and System Gas Refund	d Rate Rider (if applicable)	Schedule A

#### **Meter Readings**

Gas consumption by each customer under this rate schedule shall be determined by monthly meter reading provided that in circumstances beyond the control of the company such as strikes or non-access to a meter, the company may estimate the consumption each month as of the scheduled date of the regular monthly meter reading and render a monthly bill to the customer thereof.

#### **Delayed Payment Penalty**

When payment is not made in full by the due date noted on the bill, which date shall not be less than 16 calendar days after the date of mailing, hand delivery or electronic transmission of the bill, the balance owing will be increased by 1.5%. Any balance remaining unpaid in subsequent months will be increased by a further 1.5% per month. The minimum delayed payment penalty shall be one dollar (\$1.00).

# **Bundled Direct Purchase Delivery**

Where a customer elects under this rate schedule to directly purchase its gas from a supplier other than EPCOR, the customer or their agent must enter into a Bundled T-Service Receipt Contract with EPCOR for delivery of gas to EPCOR. Bundled T-Service Receipt Contract rates are described in rate schedule BT1. The gas supply charge will not be applicable to customers who elect said Bundled T transportation service.

Unless otherwise authorized by EPCOR, customers who are delivering gas to EPCOR under direct purchase arrangements must obligate to deliver said gas at a point acceptable to EPCOR, and must acquire and maintain firm transportation on all pipeline systems upstream of Ontario.

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

#### **RATE 5 - Interruptible Peaking Contract Rate**

#### **Rate Availability**

Entire service area of the company.

#### **Eligibility**

A customer who enters into a contract with the company for the purchase or transportation of gas:

- a) for a minimum term of one year;
- b) that specifies a daily contracted demand for interruptible service of at least 700 m<sup>3</sup>; and
- c) a qualifying annual volume of at least 50,000 m<sup>3</sup>.

## Rate

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

a)	Monthly Fixed Charge	\$172.50
	Rate Rider for 2019 Shared Tax Changes  – effective for 12 months ending December 31, 2019	\$2.4643
	Rate Rider for Oct-Dec 2018 Shared Tax Changes – effective for 12 months ending December 31, 2019	\$0.6161
	Rate Rider for REDA Recovery  – effective for 12 months ending December 31, 2019	\$1.50
	Rate Rider for 2019 Rate Base Rebalancing – effective for 12 months ending December 31, 2019	\$41.2315

#### b) A Monthly Delivery Charge:

A Monthly Delivery Charge for all interruptible volumes to be negotiated between the company and the customer not to exceed 8.4612 cents per m<sup>3</sup> and not to be less than 5.4612 per m<sup>3</sup>.

Rate Rider for Oct-Dec 2018 Unrecovered IRM Adjustment – effective for 12 months ending December 31, 2019	0.0865 cents per m <sup>3</sup>
Rate Rider for PGTVA disposal  – effective for 12 months ending December 31, 2019	(1.7172) cents per m <sup>3</sup>

c) Gas Supply Charge and System Gas Refund Rate Rider (if applicable) Schedule A

#### d) Overrun Gas Charge:

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

If, on any day, the customer should take, without the company's approval in advance, a volume of gas in excess of the maximum quantity of gas which the company is obligated to deliver to the customer on such day, or if, on any day, the customer fails to comply with any curtailment notice reducing the customer's take of gas, then

- (i) the volume of gas taken in excess of the company's maximum delivery obligation for such day, or
- (ii) the volume of gas taken in the period on such day covered by such curtailment notice (as determined by the company in accordance with its usual practice) in excess of the volume of gas authorized to be taken in such period by such curtailment notice,

as the case may be, shall constitute unauthorized overrun volume.

Any unauthorized overrun gas taken in any month shall be paid for at the Rate 1 Delivery Charge in effect at the time the overrun occurs plus any applicable Gas Supply Charge.

For any unauthorized overrun gas taken, the customer shall, in addition, indemnify the company in respect of any penalties or additional costs imposed on the company by the company's suppliers, any additional gas cost incurred or any sales margins lost as a consequence of the customer taking the unauthorized overrun volume.

- 2. In negotiating the Monthly Interruptible Commodity Charge referred to in 1(c) above, 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 and 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 the company, or in any event pay for it if available and not accepted by the customer, a minimum volume of gas of 50,000 m<sup>3</sup>. Overrun volumes will not contribute to the minimum volume. The rate applicable to the shortfall from this annual minimum shall be 7.1995 cents per m<sup>3</sup> for interruptible gas.

#### **Bundled Direct Purchase Delivery**

Where a customer elects under this rate schedule to directly purchase its gas from a supplier other than EPCOR, the customer or their agent must enter into a Bundled T-Service Receipt Contract with EPCOR for delivery of gas to EPCOR. Bundled T-Service Receipt Contract rates are described in rate schedule BT1. The gas supply charge will not be applicable to customers who elect said Bundled T transportation service.

Unless otherwise authorized by EPCOR, customers who are delivering gas to EPCOR under direct purchase arrangements must obligate to deliver said gas at a point acceptable to EPCOR, and must acquire and maintain firm transportation on all pipeline systems upstream of Ontario.

#### **Delayed Payment Penalty**

When payment is not made in full by the due date noted on the bill, which date shall not be less than 16 calendar days after the date of mailing, hand delivery or electronic transmission of the bill, the balance owing will be increased by 1.5%. Any balance remaining unpaid in subsequent months will be increased by a further 1.5% per month. The minimum delayed payment penalty shall be one dollar (\$1.00).

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

#### RATE 6 - Integrated Grain Processors Co-Operative Aylmer Ethanol Production Facility

#### **Rate Availability**

Rate 6 is available to the Integrated Grain Processors Co-Operative, Aylmer Ethanol Production Facility only.

#### **Eligibility**

Integrated Grain Processors Co-Operative's ("IGPC") ethanol production facility located in the Town of Aylmer

#### Rate

- 1. Bills will be rendered monthly and shall be the total of:
  - a) Fixed Monthly Charge of \$93,490.62 for firm services

Rate Rider for 2019 Shared Tax Changes	\$375.0371
- effective for 12 months ending December 31, 2019	
Rate Rider for Oct-Dec 2018 Shared Tax Changes	\$93.7593

- effective for 12 months ending December 31, 2019

Rate Rider for REDA Recovery \$0.04

- effective for 12 months ending December 31, 2019

- b) Gas Supply Charge and System Gas Refund Rate Rider (if applicable) Schedule A
- c) Overrun Gas Charges:

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

If, on any day, IGPC should take, without the company's approval in advance, a volume of gas in excess of the maximum quantity of gas which the company is obligated to deliver to IGPC on such day, or if, on any day, IGPC fails to comply with any curtailment notice reducing IGPC's take of gas, then,

- (i) the volume of gas taken in excess of the company's maximum delivery obligation for such day, or
- (ii) the volume of gas taken in the period on such day covered by such curtailment notice (as determined by the company in accordance with its usual practice) in excess of the volume of gas authorized to be taken in such period by such curtailment notice,

as the case may be, shall constitute unauthorized overrun volume.

Any unauthorized firm overrun gas taken in any month shall be paid for at the Rate 6 Firm Delivery Charge in effect at the time the overrun occurs. In addition, the Contract Demand level shall be adjusted to the actual maximum daily volume taken and the Demand Charges stated above shall apply for the whole contract year, including retroactively, if necessary, thereby requiring recomputation of bills rendered previously in the contract year.

Any unauthorized interruptible overrun gas taken in any month shall be paid for at the Rate 1 Delivery Charge in effect at the time the overrun occurs plus any Gas Supply Charge applicable.

For any unauthorized overrun gas taken, IGPC shall, in addition, indemnify the company in respect of any penalties or additional costs imposed on the company by the company's suppliers, any additional gas cost incurred or any sales margins lost as a consequence of the customer taking the unauthorized overrun volume.

2. In negotiating the Monthly Interruptible Commodity Charge referred to in 1(c)(ii) above, the matters to be considered include:

- a) The volume of gas for which IGPC is willing to contract;
- b) The load factor of IGPC's anticipated gas consumption, the pattern of annual use, and the minimum annual quantity of gas which IGPC is willing to contract to take or in any event pay for;
- c) Interruptible or curtailment provisions; and
- d) Competition.

#### **Purchased Gas Transportation Charges**

In addition to the Rates and Charges outlined above, IGPC is responsible for all costs, charges and fees incurred by EPCOR related to gas supplied by Union to EPCOR's system for IGPC. All actual charges billed to ENGLP by Union Gas under Union contract ID SA008936 and SA008937, as amended or replaced from time to time, shall be billed to IGPC by EPCOR when and as billed to EPCOR by Union Gas.

#### **Bundled Direct Purchase Delivery**

Where IGPC elects under this rate schedule to directly purchase its gas from a supplier other than EPCOR, IGPC or its agent must enter into a Bundled T-Service Receipt Contract with EPCOR for delivery of gas to EPCOR. Bundled T-Service Receipt Contract rates are described in rate schedule BT1. The gas supply charge will not be applicable to IGPC if it elects said Bundled T transportation service.

Unless otherwise authorized by EPCOR, IGPC, when delivering gas to EPCOR under direct purchase arrangements, must obligate to deliver said gas at a point acceptable to EPCOR, and must acquire and maintain firm transportation on all pipeline systems upstream of Ontario.

#### **Delayed Payment Penalty**

When payment is not made in full by the due date noted on the bill, which date shall not be less than 16 calendar days after the date of mailing, hand delivery or electronic transmission of the bill, the balance owing will be increased by 1.5%. Any balance remaining unpaid in subsequent months will be increased by a further 1.5% per month. The minimum delayed payment penalty shall be one dollar (\$1.00).

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

#### **SCHEDULE A - Gas Supply Charges**

# **Rate Availability**

Entire service area of the company.

#### **Eligibility**

All customers served under Rates 1, 2, 3, 4, 5 and 6.

#### Rate

The Gas Supply Charge applicable to all sales customers shall be made up of the following charges:

PGCVA Reference Price(EB-2018-0324(Interim))18.6050 cents per m³GPRA Recovery Rate(EB-2018-0324 (Interim))(0.6778) cents per m³System Gas Fee(EB-2010-0018)0.0363 cents per m³Total Gas Supply Charge17.9635 cents per m³

Note:

PGCVA means Purchased Gas Commodity Variance Account GPRA means Gas Purchase Rebalancing Account

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

#### **RATE BT1 – Bundled Direct Purchase Contract Rate**

#### **Availability**

Rate BT1 is available to all customers or their agent who enter into a Receipt Contract for delivery of gas to EPCOR. The availability of this option is subject to EPCOR obtaining a satisfactory agreement or arrangement with Union Gas and EPCOR's gas supplier for direct purchase volume and DCQ offsets.

## **Eligibility**

All customers electing to purchase gas directly from a supplier other than EPCOR must enter into a Bundled T-Service Receipt Contract with EPCOR either directly or through their agent, for delivery of gas to EPCOR at a mutually acceptable delivery point.

#### Rate

For gas delivered to EPCOR at any point other than the Ontario Point of Delivery, EPCOR will charge a customer or their agent all approved tolls and charges incurred by EPCOR to transport the gas to the Ontario Point of Delivery.

Note:

Ontario Point of Delivery means Dawn or Parkway on the Union Gas System as agreed to by EPCOR and EPCOR's customer or their agent.

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

# **Transmission Service**

# **Availability**

Transmission Service charges shall be applied to Natural Resource Gas Corp.

#### **Eligibility**

Only Natural Resource Gas Corp. shall be charged the Transmission Service Rate. Fees and Charges will be applied only in those months that Natural Resource Gas Corp. delivers gas to a delivery point on EPCOR's system.

#### Rate

Administrative Charge \$250/month Transportation Rate \$0.95/mcf

Effective: January 1, 2019

Implementation: All bills rendered on or after January 1, 2019

# APPENDIX "B" TO DECISION AND INTERIM ORDER BOARD FILE No. EB-2018-0324 DATED DECEMBER XX, 2018

#### Accounting Entries for the Purchased Gas Commodity Variance Account

Note: Account numbers are in accordance with the Uniform System of Accounts for Gas Utilities, Class A, prescribed under the Ontario Energy Board Act.

To record monthly as a debit (credit) in Deferral Account No. 179-27 (PGCVA) the decrease (increase) to reflect the projected changes in gas costs and prospective recovery of the balances of the gas supply deferral accounts approved by the Board for rate making purposes.

Debit/Credit Account No. 179-27 Purchased Gas Commodity Variance Account (PGCVA)

Credit/Debit Account No. 623 Cost of Gas

To record as a debit (credit) in Deferral Account No. 179-28, interest on the balance in Deferral Account

Debit/Credit Account No. 179-28 Purchased Gas Commodity Variance Account (PGCVA)

Credit/Debit Account No. 323 Other Interest Expense

Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the Board in EB-2006-0117.

# APPENDIX "C" TO DECISION AND INTERIM ORDER BOARD FILE No. EB-2018-0324 DATED DECEMBER XX, 2018

## IMPORTANT INFORMATION ABOUT YOUR GAS BILL

## Gas Commodity:

On all bills rendered by EPCOR NATURAL GAS LIMITED PARTNERSHIP on or after January 1, 2019, the price we charge for the gas commodity and transportation portion of your bill will be increasing by \$0.019131 per cubic meter to \$0.179635 per cubic meter. The Ontario Energy Board has approved this change to reflect the prices that EPCOR expects that it will be paying to its gas suppliers through to the end of December 2019. On your gas bill this cost is on the line entitled "Gas Commodity".

As a regulated utility, EPCOR is permitted to recover what it pays for the purchase of gas plus any costs reasonably associated with this purchase but with no mark up or 'profit'. The price the utility charges you is based on the forecasted gas and transportation costs to EPCOR, which are periodically reviewed by the OEB and reconciled with actual costs. The gas commodity portion gets adjusted regularly throughout the year as the price of the gas commodity changes.

How will the price change impact you? That will depend on the amount of gas that you use. For a typical residential customer who consumes approximately 2,009 cubic meters of gas annually, this price change will cause your annual heating costs to increase by approximately \$38 per year. For customers who have arranged to have their gas supplied by a gas marketer/broker, the price may or may not change depending on the terms of the contract the customer has with the gas marketer/broker.

If you have any questions about the changes in rates or any other item that appears on your bill, please feel free to call our office at 519-773-5321.

We would like to thank you for choosing to make natural gas your energy of choice.