

# EPCOR Natural Gas Limited Partnership

Exhibit B - 2017 IRM Application

EB-2018-0235

Rates Effective: October 1, 2017

Date Filed: July 27, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235

Page 2 of 104 Filed: July 27, 2018

# Index

Certification of Evidence	Page 3
Application	Page 4
Application Contact Information	Page 8
Manager's Summary	Page 9
2017 IRM Adjustment Model	Appendix A
Proposed Draft Rate Schedule	Appendix E

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 3 of 104 Filed: July 27, 2018

#### **CERTIFICATION OF EVIDENCE**

The undersigned, being EPCOR Ontario Utilities Inc.'s Senior Vice-President, Commercial Services, Steve Stanley hereby certifies for and on behalf of EPCOR Natural Gas Limited Partnership (ENGLP), as general partner of ENGLP that:

- 1. I am a senior officer of EPCOR Ontario Utilities Inc., which is the general partner of ENGLP;
- 2. This certificate is given pursuant to Chapter 1 of the Ontario Energy Board's (the "Board") *Filing Requirements for Electricity Distribution Rate Applications* (last revised on July 20, 2017); and
- The evidence submitted in support of ENGLP's 2017 IRM Application for rates effective October 1, 2017 filed with the Board is accurate, consistent and complete to the best of my knowledge.

DATED this 27th day of July, 2018.

Steve Stanley

Senior Vice-President, Commercial Services

EPCOR Ontario Utilities Inc.

**EPCOR Natural Gas Limited Partnership** Exhibit B - 2017 IRM Application EB-2018-0235

Page 4 of 104

Filed: July 27, 2018

#### **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 EPCOR Natural Gas Limited Partnership for an Order or Orders approving or fixing just and reasonable rates other charges for the sale, distribution. transmission and storage of gas commencing October 1, 2017.

#### APPLICATION

EPCOR Natural Gas Limited Partnership ("ENGLP" or "the Applicant") is a privately-owned utility that sells and distributes natural gas within Southern Ontario and charges Ontario Energy Board (the "Board" or the "OEB")-authorized rates for the distribution service it provides on an interim basis (EB-2016-0236). The Applicant supplies natural gas to Aylmer and surrounding areas to approximately 8,800 customers with its service territory stretching from south of Highway 401 to the shores of Lake Erie, from Port Bruce to Clear Creek.

The last rebasing for Natural Resource Gas Limited ("NRG"), the previous owner of the distribution system, was for the term October 1, 2010 September 30, 2014 (EB-2010-0018). This five-year period was extended to September 30, 2016 through IRM Applications (EB-2014-0274 / EB-2015-0115). On August 9, 2016 NRG filed a rate application (EB-2016-0236) for the period October 1, 2016 to September 30, 2021. In Procedural Order 1 of that application the OEB approved NRG's request that existing rates become interim effective October 1, 2016. On November 30, 2016 the OEB approved NRG's request to place the rate application in abeyance pending the OEB's decision on NRG's MAAD application (EB-2016-0351) which requested approval to transfer its natural gas distribution system to ENGLP. The OEB approved the MAAD application on August 3, 2017 and the transaction closed on November 1, 2017. In the MAAD application, ENGLP indicated it would assume responsibility for NRG's rate application held in abeyance and would file an amended application six to nine months from the close of the transaction.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235

Page 5 of 104

Filed: July 27, 2018

On April 24, 2018, ENGLP updated the Board on its proposed approach for finalizing the existing interim rates and filing a cost of service rate application that is in full compliance with the Filing Requirements for Natural Gas Rate Applications. The first step in the approach is to address the period from October 1, 2016 to December 31, 2019 through a continuation of the Incentive Rate Mechanism applied in NRG's previous IRM Applications (EB-2014-0274 / EB-2015-0115) as approved by the Board. This 2017 IRM Application (the "Application") is the second step in finalizing rates for all years since ENGLP acquired the assets of NRG, covering the time period October 1, 2017 to September 30, 2018. All customer groups of ENGLP are affected by this Application as the price cap adjustment has been applied to each customer group. The rates applied for in this Application should be considered final for the period October 1, 2017 to September 30, 2018. ENGLP has concurrently filed IRM applications for the periods October 1, 2016 to September 30, 2017 (the "2016 IRM Application") and October 1, 2018 to September 30, 2019. Each of those applications uses the proposed rates in the IRM applications for the preceding period as a basis for determining the rates applied for. As such, all references in this Application to current rates refer to the rates proposed in the 2016 IRM Application.

As this Application is a replacement for the October 1, 2017 to September 30, 2018 period addressed in the rate application filed by NRG on August 8, 2016, ENGLP is requesting that the rates applied for in this Application take effect October 1, 2017. In order to effect such, ENGLP is requesting the adjustments be recorded in the deferral accounts outlined in the Accounting Orders in ENGLP's 2016 IRM Application.

ENGLP has prepared this Application for the 2018 rate year October 1, 2017 to September 30, 2018 reflecting the continuation of the IRM framework as approved by the Board. Actual customer counts and volumes for the 2017 rate year have been used as the billing determinants in this Application. ENGLP's current billing system cannot provide a breakdown of the consumption by block for consumption prior to the implementation of the new system so the total annual consumption by rate group has been allocated to blocks based on the historical proportions used by NRG in its IRM applications since EB-2010-0018. This Application generally conforms to the Board's Chapter 3 Incentive Rate-Setting Application Filing Requirements for Electricity Distribution Rate Applications - 2017 Edition for 2018 Rate

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application

EB-2018-0235

Page 6 of 104

Filed: July 27, 2018

Applications, dated July 20, 2017. The Application is supported by the written evidence provided

in the pages that follow.

ENGLP has prepared an Excel based 2017 IRM Adjustment Model to support the calculation of

rates proposed in this Application. A live working version of this model has been filed as

supporting material to this Application. A hard copy of the model is provided in Appendix A.

ENGLP applies for Board approval of the following:

• a revenue increment based on previous 2016 rates adjusted by a price cap adjustment

effective October 1, 2017;

• the continuation of the Transmission Service Rates in effect;

the continuation of the reference prices for the Purchased Gas Transportation Variance

Account (PGTVA) as applied for the rate year following the Board's decision and order

EB-2017-0215 correcting the PGTVA reference prices in EB-2010-0018;

• approval to record the value of the price cap adjustment for the period covered by this

Application in the Unrecovered IRM Adjustment Deferral Account proposed in the

accounting order included in the 2016 IRM Application for recovery in future periods;

approval to record the value of the 2016-2017 shared tax changes in the Unrecovered

Shared Tax Changes Deferral Account proposed in the accounting order included in the

2016 IRM Application for recovery in future periods; and,

• the continuation of ENGLP's current Rules and Regulations and Schedule of Service

Charges.

The Applicant requests that, pursuant to Section 32.01 of the Board's Rules of Practice and

Procedure, this proceeding be conducted by way of written hearing.

The Applicant requests that a copy of all documents filed with the Board in this proceeding be

served on the Applicant.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 7 of 104 Filed: July 27, 2018

DATED at Edmonton, Alberta, this 27<sup>th</sup> day of July, 2018.

**EPCOR NATURAL GAS LIMITED PARTNERSHIP** 

Druce Bradell

Bruce Brandell

Director, Commercial Services

EPCOR Utilities Inc.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 8 of 104 Filed: July 27, 2018

#### APPLICATION CONTACT INFORMATION

The address of service for EPCOR Natural Gas Limited Partnership is:

Bruce Brandell, Director, Commercial Services EPCOR Utilities Inc. 2000 – 10423-101 St. NW Edmonton, AB T5H 0E8

Tel: 780-412-3720 Fax: 780-412-3013

E-mail bbrandell@epcor.com

#### And

Britt Tan, Legal Counsel EPCOR Utilities Inc. 2000 – 10423-101 St. NW Edmonton, AB T5H 0E8 Tel: 780-412-33998

Fax: 780-441-7118 E-mail btan@epcor.com

#### And

Patrick Welsh
Osler, Hoskin & Harcourt LLP
1 First Canadian Place, Suite 6300
Toronto, ON M5X 1B8
Tel: 416-862-5951

Fax: 416-862-6666

E-mail: pwelsh@osler.com

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application

B - 2017 IRM Application EB-2018-0235

Page 9 of 104

Filed: July 27, 2018

**MANAGER'S SUMMARY** 

**Price Cap Adjustment** 

The annual price cap adjustment is defined as the annual percentage change in the Inflation

factor less an X-Factor (i.e. productivity factor and a stretch factor).

**Inflation Factor** 

In the Report of the Board: Rate Setting Parameters and Benchmarking under the Renewed

Regulatory Framework for Ontario's Electricity Distributors, the Board adopted a 2-factor Input

Price Index ("IPI") methodology. The Board uses the year-over-year change in the GDP-IPI

(FDD), and the AWE ("Average Weekly Earnings") All Employees-Ontario, to calculate the 2-

factor IPI. The percentage change is calculated as the weighted sum of 70% of the annual

percentage change in the GDP-IPI (FDD) for the prior year relative to the index value for two

years prior and 30% of the annual percentage change in the AWE for the prior year relative to

the data for years prior.

On October 27, 2016, the Board issued the IPI of 1.9% to be used as the inflation adjustment for

rates adjusted through the price cap adjustment for rates effective in 2017.

**Productivity Factor** 

The Board also determined that the appropriate value for the productivity factor (Industry TFP)

for the price cap adjustment is zero.

Stretch Factor

ENGLP will apply a stretch factor based on the methodology used by NRG in its previous IRM

applications. This stretch factor methodology is based on the approved agreement of parties on

the stretch factor outlined in the NRG's approved Settlement Agreement for Fiscal 2011 Rates

Application (Phase 2) (EB-2010-0018). Page 5 of the Settlement Agreement outlines the

agreement on the stretch factor to be used in the price cap adjustment as the following:

With respect to the stretch factor, the Parties agree to the application of a stretch factor

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application

B - 2017 IRM Application EB-2018-0235

Page 10 of 104

Filed: July 27, 2018

that is 0.1% greater than the stretch factor applicable to mid-range electricity distributors.

Thus, until such time as the Board adjusts the stretch factors for mid-range electricity

distributors (currently 0.4%), the stretch factor utilized in NRG's IR Plan shall be 0.5%.

At the time the above settlement agreement was approved, the electric distributors were under

3rd generation incentive rate-setting. On October 18, 2012, the Board issued its Report of the

Board: Renewed Regulatory Framework for Electricity Distributors: A Performance-Based

Approach (the "RRFE Report"). One of the outcomes of the RRFE Report was to move the

electricity distributors to 4th generation incentive rate-setting. Under 4th generation, the stretch

factor for the mid-range electricity distributors is 0.3%. When the agreed-upon adder of 0.1% is

applied to the revised mid-range stretch factor, the resulting stretch factor is 0.4%. The stretch

factor of 0.4% is used by ENGLP in this Application, consistent with the methodology approved

by the Board for NRG's 2015 distribution rates.

Based on the above discussion, the overall price cap adjustment is as follows

Inflation = 1.9%

Productivity = 0.0%

Stretch = (0.4%)

Total = 1.5%

The price cap adjustment factor of 1.5% has been used in the 2017 IRM Adjustment Model to

determine the proposed distribution rates. For comparison purposes, Tables 1 and 2 below

provide the current and proposed distribution rates.

Since this Application covers the historical time period of October 1, 2016 to September 30,

2017, ENGLP is requesting the adjustment be recorded in the Unrecovered IRM Adjustment

Deferral Account proposed in the accounting order included in the 2016 IRM Application. Table

3 shows the change in the revenue associated with the proposed distribution rates, the

estimated balance and rate rider for the proposed deferral account. The estimated account

balance of \$107,341 has been determined as the difference between the current revenue and

the proposed revenue as calculated by applying the respective rates to the volumes by rate

Filed: July 27, 2018

group. The estimated volumetric rate rider has been calculated by dividing the difference for each rate group over the actual volumes for October 1, 2016 to September 30, 2017.

Table 1 - Current ENGLP Distribution Rates

Rate Group	Monthly Service Charge	Delivery First 1,000 m <sup>3</sup>	Delivery Over 1,000 m <sup>3</sup>	Delivery Next 24,000 m <sup>3</sup>	Delivery Over 25,000 m <sup>3</sup>	Delivery - Firm	Demand - Firm	Commodity	Delivery - Int - Lower	Delivery - Int Upper
RATE 1 - General Service Rate - Residential	13.50	16.6436	11.0954				TWO SECURITY	0.0363		
RATE 1 - General Service Rate - Commercial	13.50	16.6436	11.0954					0.0363		
RATE 1 - General Service Rate - Industrial	13.50	16.6436	11.0954	100				0.0363		
RATE 2 - Seasonal Service - Apr to Oct	15.00	16.6853		9.4826	6.1698			0.0363		
RATE 2 - Seasonal Service - Nov to Mar	15.00	21.0316		15.6960	15.2899			0.0363		
RATE 3 - Special Large Volume Contract Rate	150.00					4.2918	29.0974	0.0363	7.9412	10.9612
RATE 4 - General Service Peaking - Apr to Dec	15.00	16.2986	10.5218					0.0363		
RATE 4 - General Service Peaking - Jan to Mar	15.00	20.7925	16.9052				NAME OF STREET	0.0363		
RATE 5 - Interruptible Peaking Contract Rate	150.00					7.3434	1	0.0363	5.4612	8.4612
RATE 6 - Integrated Grain Processors Co-Operative Aylmer Ethanol Production Facility	150.00					3.9556	19.1595		7.9412	10.9612

Table 2 – Proposed ENGLP Distribution Rates

Rate Group	Monthly Service Charge	First 1,000	Delivery Over 1,000 m <sup>3</sup>		Delivery Over 25,000 m <sup>3</sup>	Delivery - Firm	Demand - Firm	Commodity	Delivery - Int - Lower	
RATE 1 - General Service Rate - Residential	13.50	17.0136	11.2618					0.0363		
RATE 1 - General Service Rate - Commercial	13.50	17.0136	11.2618			THE RESERVE	Taren are	0.0363		
RATE 1 - General Service Rate - Industrial	13.50	17.0136	11.2618					0.0363		
RATE 2 - Seasonal Service - Apr to Oct	15.00	17.4607		9.4826	6.1698			0.0363		
RATE 2 - Seasonal Service - Nov to Mar	15.00	22.0090		15.6960	15.2899			0.0363	<b>第二人名</b> 图	
RATE 3 - Special Large Volume Contract Rate	150.00					4.5216	29.0974	0.0363	7.9412	10.9612
RATE 4 - General Service Peaking - Apr to Dec	15.00	16.7326	10.5218		test.			0.0363		
RATE 4 - General Service Peaking - Jan to Mar	15.00	21.3462	16.9052					0.0363		
RATE 5 - Interruptible Peaking Contract Rate	150.00			West Park		7.4725	1	0.0363	5.4612	8.4612
RATE 6 - Integrated Grain Processors Co-Operative Aylmer Ethanol Production Facility	150.00					4.0150	19.4469		7.9412	10.9612

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 12 of 104 Filed: July 27, 2018

#### Table 3 - Deferred Revenue

Rate Group		Proposed Revenue	Current Revenue	hange In evenue		eferred evenue	Number of Customers	Total Annual Consumption	Proposed Deferred Revenue Recovery Rate Rider cents per m3
		Α	В	C = A- B	D=	C / 12 * 12	E	F	H = D /F
RATE 1 - General Service Rate	\$	4,989,675	\$ 4,915,936	\$ 73,739	\$	73,739	8,676	22,755,349	0.3241
RATE 2 - Seasonal Service	\$	131,230	\$ 129,290	\$ 1,939	\$	1,939	53	982,636	0.1974
RATE 3 - Special Large Volume Contract Rate	\$	105,348	\$ 103,791	\$ 1,557	\$	1,557	5	902,180	0.1726
RATE 4 - General Service Peaking	\$	129,035	\$ 127,128	\$ 1,907	\$	1,907	36	894,907	0.2131
RATE 5 - Interruptible Peaking Contract Rate	\$	51,261	\$ 50,503	\$ 758	\$	758	4	586,789	0.1291
RATE 6 - Integrated Grain Processors Co-Operative Aylmer									
Ethanol Production Facility	\$	1,856,849	\$ 1,829,408	\$ 27,441	\$	27,441	1	38,423,518	0.0714
	\$	7,263,398	\$ 7,156,057	\$ 107,341	\$	107,341	8,775	64,545,379	
	1000			1.50%					

Filed: July 27, 2018

#### **Shared Tax Changes**

The federal general corporate tax rate of 15%, in effect since June 30, 2012, remains in effect for the 2018 rate year. The provincial tax rate applicable to ENGLP at 11.5% on total taxable income is the same as in NRG's 2015 IRM application.

These tax rates cause income taxes to increase by \$34,103 over the amount assumed in NRG's 2011 rates which is the year that rates were last determined on a cost-of-service basis.

In accordance with the IRM plan NRG filed in its last rebasing application (EB-2010-0018) that supports the 2011 rates, the changes in income tax are to be shared 50/50 between the customers and the Applicant. As part of this Application, ENGLP is requesting the amount of \$17,051 for the shared tax changes applicable to the 2018 rate year be recorded in the Shared Tax Changes Deferral Account proposed in the accounting order included in the 2016 IRM Application. The following table shows the amount of the rate rider that would apply upon disposition of the deferral account, which has been calculated in the same manner as previously applied by NRG and designed to collect the \$17,051 from customers over a one-year period and are unchanged from the amounts proposed in the 2016 IRM Application.

Table 4 - Shared Tax Changes Rate Rider

	Revenue By	Proportionate	Shared Tax	Number of	Number of	Fix	ed Monthy
Rate Group	Rate Class	Revenue	Changes	Customers	Months		Rate Rider
RATE 1 - General Service Rate	4,833,762	68.7%	11,714	8,676	12	\$	0.1125
RATE 2 - Seasonal Service	127,129	1.8%	308	53	12	\$	0.4844
RATE 3 - Special Large Volume Contract Rate	102,056	1.5%	247	5	12	\$	4.1219
RATE 4 - General Service Peaking	125,003	1.8%	303	36	12	\$	0.7012
RATE 5 - Interruptible Peaking Contract Rate	49,659	0.7%	120	4	12	\$	2.5071
RATE 6 - Integrated Grain Processors Co-Operative Aylmer							
Ethanol Production Facility	1,798,828	25.6%	4,359	1	12	\$	363.2601
	7,036,438	100.0%	17,051	8,775			

Proposed Draft Rate Schedules effective October 1, 2017 reflecting the proposed rates in Table 2 and 4 have been provided in Appendix B. Since this Application covers a historical time period, ENGLP is proposing to record the adjustments in the Shared Tax Changes Deferral Account and Unrecovered IRM Adjustment Deferral Account based on the balances and rate riders proposed in Tables 3 and 4.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 14 of 104

Filed: July 27, 2018

#### **Bill Impacts**

Table 5 below provides a summary of bill impacts for each rate class compared to the rates proposed in the 2016 IRM Application assuming the average consumption level of the rate class. The bill impacts below are meant to be illustrative of the impact on the bills that were rendered for October 1, 2017 to September 30, 2018; however the bills for that time period will not be adjusted to reflect these changes since this Application covers the historical time period. Table 6 shows a breakdown of cumulative increases compared to 2015 Rates. Further details on the bill impacts summarized below are provided in the 2017 IRM Adjustment Model.

Table 5 – Illustrative Bill Impact Summary

Rate Class	ixed ange		lumetric change	Tax	nared k Rate lider	CI	Total	Total Change %
								Water State of the
Rate 1 - Residential	\$	\$	7.00	\$		\$	7.00	1.4%
Rate 1 - Commercial	\$ -	\$	29.10	\$	-	\$	29.10	1.7%
Rate 1 - Industrial	\$ -	\$	49.18	\$	-	\$	49.18	1.6%
Rate 2 - April to October	\$ -	\$	33.58	\$	_	\$	33.58	1.7%
Rate 2 - November to March	\$ -	\$	3.01	\$	-	\$	3.01	0.6%
Rate 2 - Annual	\$ •	\$	36.59	\$	-	\$	36.59	1.5%
Rate 3 - Special Large Volume Contract Rate	\$ -	\$	311.37	\$	-	\$	311.37	1.5%
Rate 4 - April to December	\$ 	\$	52.42	\$	<u> </u>	\$	52.42	1.5%
Rate 4 - January to March	\$ -	\$	0.55	\$	-	\$	0.55	0.5%
Rate 4 - Annual	\$ •	\$	52.97	\$	-	\$	52.97	1.5%
Rate 5 - Interruptible Peaking Contract Rate	\$	\$	189.39	\$		\$	189.39	1.5%
Rate 6 - Special Large Volume Contract Rate	\$ -	\$2	7,441.12	\$	•	\$2	7,441.12	1.5%

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 15 of 104 Filed: July 27, 2018

# Table 6 – Bill Impacts Summary – Comparison to 2015 Rates and Breakdown of Cumulative Increases

Rate Class	Fixed Change		(	Volumetric Change In 2016 IRM		Volumetric Change in 2017 IRM		Shared ax Rate Rider	Total Change \$		Total Change %	
Rate 1 - Residential	\$	- 1	\$	7.80	\$	7.00	-\$	0.21	\$	14.59	3.1%	
Rate 1 - Commercial	\$		\$	32.42	\$	29.10	-\$	0.21	\$	61.31	3.6%	
Rate 1 - Industrial	\$	•	\$	54.81	\$		-\$	THE RESERVE OF THE PARTY OF THE	\$	103.78	3.5%	
Rate 2 - April to October	\$	4	\$	37.42	\$	33.58	\$	1.71	\$	72.72	3.8%	
Rate 2 - November to March	\$	-	\$	3.35	\$	3.01	\$	1.22	\$	7.59	1.5%	
Rate 2 - Annual	\$		\$	40.78	\$	36.59	\$	2.93	\$	80.31	3.3%	
Rate 3 - Special Large Volume Contract Rate	\$	-	\$	346.99	\$	311.37	-\$	76.90	\$	581.47	2.8%	
Rate 4 - April to December	\$	-	\$	58.42	\$	52.42	\$	0.10	\$	110.94	3.3%	
Rate 4 - January to March	\$	-	\$	0.61	\$	0.55	\$	0.03	\$	1.19	1.0%	
Rate 4 - Annual	\$	•	\$	59.03	\$	52.97	\$	0.13	\$	112.13	3.2%	
Rate 5 - Interruptible Peaking Contract Rate	\$	-	\$	211.05	\$	189.39	-\$	15.63	\$	384.80	3.1%	
Rate 6 - Special Large Volume Contract Rate	\$	•	\$	30,580.08	\$2	7,441.12	-\$	202.44	\$5	7,818.77	3.2%	

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 16 of 104 Filed: July 27, 2018

Appendix A - 2017 IRM Adjustment Model

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 17 of 104 Filed: July 27, 2018

Name of LDC: EPCOR Natural Gas Limited Partnership

OEB Application Number: EB-2018-0235 Exhibit B - 2017 IRM Application

#### **Distributor Information**

Distributor Name EPCOR Natural Gas Limited Partnership

OEB Application Number 2018-0235 Exhibit B - 2017 IRM Application

A1.1 Distributor Information

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 18 of 104 Filed: July 27, 2018

#### **Current Distribution Tariff Sheet Rates**

Rate Group	Monthly Service Charge	Delivery First 1,000 m <sup>3</sup>	Delivery Over 1,000 m <sup>3</sup>	Delivery Next 24,000 m <sup>3</sup>	Delivery Over 25,000 m <sup>3</sup>	Delivery - Firm	Demand - Firm	Commodity	Delivery - Int - Lower	Delivery - Int - Upper
RATE 1 - General Service Rate - Residential	13.50	16.6436	11.0954			Market in the same		0.0363	Avenue de la company	
RATE 1 - General Service Rate - Commercial	13.50	16.6436	11.0954					0.0363		
RATE 1 - General Service Rate - Industrial	13.50	16.6436	11.0954					0.0363		1000
RATE 2 - Seasonal Service - Apr to Oct	15.00	16.6853		9.4826	6.1698			0.0363		
RATE 2 - Seasonal Service - Nov to Mar	15.00	21.0316		15.6960				0.0363		
RATE 3 - Special Large Volume Contract Rate	150.00		A Service			4.2918	29.0974			10.961
RATE 4 - General Service Peaking - Apr to Dec	15.00	16.2986	10.5218					0.0363		10.001
RATE 4 - General Service Peaking - Jan to Mar	15.00	20.7925	16.9052			of the following source	Car Translation	0.0363		
RATE 5 - Interruptible Peaking Contract Rate	150.00				ngazati sa mana sa mana sa ma	7,3434	1	0.0363		8.461:
RATE 6 - Integrated Grain Processors Co-Operative Aylmer Ethanol Production Facility	150.00					3.9556	19.1594664		7.9412	

B1.1 Current Distribution Rates

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 19 of 104 Filed: July 27, 2018

#### Billing Determinants - Actuals October 1, 2016 to September 30, 2017

Rate Group
RATE 1 - General Service Rate - Residential
RATE 1 - General Service Rate - Commercial
RATE 1 - General Service Rate - Industrial
RATE 2 - Seasonal Service - Apr to Oct
RATE 2 - Seasonal Service - Nov to Mar
RATE 3 - Special Large Volume Contract Rate
RATE 4 - General Service Peaking - Apr to Dec
RATE 4 - General Service Peaking - Jan to Mar
RATE 5 - Interruptible Peaking Contract Rate
RATE 6 - ntegrated Grain Processors Co-Operative

RATE 6 - Integrated Grain Processors Co-Operative Aylr	ner	
Ethanol Production Facility		

Monthly Service Charge	Delivery First 1,000 m <sup>3</sup>	Delivery Over 1,000 m <sup>3</sup>	Delivery Next 24,000 m <sup>3</sup>	Delivery Over 25,000 m <sup>3</sup>	Delivery - Firm	Demand - Firm	Commodity	Delivery - Int - Lower	Delivery - Int - Upper
8,148	15,016,931	890,834					15,907,765		
462	2,261,985	3,047,615					5,309,600		
66	337,158	1,200,826					1,537,984		
53	229,552		611,293				840,845		
53	53 16,306		125,485	-	No.		141,791		
5					677,457	224,723	902,180		
36	434,806	445,900					880,706		
36	3,578	10,623					14,201		
4					586,789		586,789		
1					38,423,518	1,606,140			
8,775	18,300,316	5,595,799	736,778	-	39,687,764	1,830,863	26,121,861	-	-

B1.2 Billing Determinants

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 20 of 104 Filed: July 27, 2018

#### **Revenue from Current Rates**

Rate Group
RATE 1 - General Service Rate - Residential
RATE 1 - General Service Rate - Commercial
RATE 1 - General Service Rate - Industrial
RATE 2 - Seasonal Service - Apr to Oct
RATE 2 - Seasonal Service - Nov to Mar
RATE 3 - Special Large Volume Contract Rate
RATE 4 - General Service Peaking - Apr to Dec
RATE 4 - General Service Peaking - Jan to Mar
RATE 5 - Interruptible Peaking Contract Rate
RATE 6 - Integrated Grain Processors Co-Operative Aylme
Ethancl Production Facility

	Monthly Service		Delivery	The state of the s	elivery xt 24,000		De	emand -	De	elivery -			De	livery - Int	Del	ivery - Int	
-	Charge	Fir	st 1,000 m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>		Firm		Firm	Cor	nmodity		- Lower	-	Upper	Total
\$	1,319,976	\$	2,499,352	\$ 98,841	\$ _	\$ -	\$	-	\$		\$	5,775	\$	-	\$	-	\$ 3,923,944
\$	74,844	\$	376,475	\$ 338,144	\$ -	\$ -	\$	-	\$	_	\$	1,927	\$		\$	-	\$ 791,390
\$	10,692	\$	56,115	\$ 133,236	\$ -	\$ -	\$	_	\$	-	\$	558	\$	-	\$	-	\$ 200,601
\$	5,565	\$	38,301	\$ -	\$ 57,966	\$ 	\$	-	\$	-	\$	305	\$	_	\$	_	\$ 102,138
\$	3,975	\$	3,429	\$ 	\$ 19,696	\$ 	\$	-	\$	-	\$	51	\$		\$	_	\$ 27,152
\$	9,000	\$	-	\$ -	\$ -	\$ -	\$	29,075	\$	65,389	\$	327	\$		\$	_	\$ 103,791
\$	4,860	\$	70,867	\$ 46,917	\$ -	\$ _	\$	_	\$	-	\$	320	\$	_	\$	-	\$ 122,964
\$	1,620	\$	744	\$ 1,796	\$ -	\$ _	\$	2	\$	_	\$	5	\$	_	\$	-	\$ 4,165
\$	7,200	\$	-	\$ -	\$ 	\$ -	\$	43,090	\$	-	\$	213	\$	-	\$	-	\$ 50,503
\$	1,800	\$	_	\$ -	\$ -	\$ -	\$1	,519,880	\$	307,728	\$		\$		\$		\$ 1,829,408
\$	1,439,532	\$	3,045,284	\$ 618,934	\$ 77,663	\$	\$1	,592,046	\$	373,116	\$	9,482	\$		\$		\$ 7.156.057

B1.3 Current Rev From Rates

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 21 of 104 Filed: July 27, 2018

## **Current Rate Riders**

Description	Shared Tax Changes
Effective for the 2017 rate year	
	\$ Per Customer Per Month
Rate Group	
RATE 1 - General Service Rate - Residential	0.11
RATE 1 - General Service Rate - Commercial	0.11
RATE 1 - General Service Rate - Industrial	0.11
RATE 2 - Seasonal Service - Apr to Oct	0.48
RATE 2 - Seasonal Service - Nov to Mar	0.48
RATE 3 - Special Large Volume Contract Rate	4.12
RATE 4 - General Service Peaking - Apr to Dec	0.70
RATE 4 - General Service Peaking - Jan to Mar	0.70
RATE 5 - Interruptible Peaking Contract Rate	2.51
RATE 6 - Integrated Grain Processors Co-Operative Aylmer	
Ethanol Production Facility	363.26

C1.1 Current Rate Riders

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 22 of 104 Filed: July 27, 2018

#### Rate 1 Price Cap Adjustment

GDP-IPI	1.90%
Less Productivity	0.00%
Less Stretch Factor	0.40%
Price Cap Adjustment	1.50%

				Billing				
	Current Rate	Price Cap	Adjusted Rates	Determinants	Revenue		Balanced Rates	Revenue
Monthly Service Charge	13.50	1.50%	13.70	8,676	1,426,595	No Change	13.50	1,405,512
DeliveryFirst 1,000 m3	16.6436	1.50%	16.8932	17,616,074	2,975,922	Re-Balance	17.0136	2,997,128
DeliveryOver 1,000 m3	11.0954	1.50%	11.2618	5,139,275	578,775	Change	11.2618	578,775
Commodity	0.0363	1.50%	0.0368	22,755,349	8,384	No Change	0.0363	8,260
					4,989,675			4,989,675

Data from 2014 IRM Rate Generator for Electric LDC.

,			
Price Escalator	1.9%	Choose Stretch Factor Group	III Mid Group
Productivity Factor	0.0%	Associated Stretch Factor Value	0.30%
Price Cap Index	1.5%	Settlement Agreement Adjustment	0.10%
		Total Stretch Factor	0.40%

D1.1 Rate 1 Adjustment

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 23 of 104 Filed: July 27, 2018

# Rate 2 Price Cap Adjustment

GDP-IPI	1.90%
Less Productivity	0.00%
Less Stretch Factor	0.40%
Price Cap Adjustment	1.50%

				Billing				
	Current Rate	Price Cap	Adjusted Rates	Determinants	Revenue		Balanced Rates	Revenue
Monthly Service Charge	15.00	1.50%	15.23	53	9,683	No Change	15.00	9,540
Delivery First 1,000 m3 - Apr To Oct	16.6853	1.50%	16.9356	229,552	38,876	Re-Balance	17.4607	40,081
Delivery Next 24,000 m3 - Apr Tc Oct	9.4826	1.50%	9.6248	611,293	58,836	No Change	9.4826	57,966
Delivery Over 25,000 m3 - Apr Tc Oct	6.1698	1.50%	6.2623	2	_	No Change	6.1698	-
Delivery First 1,000 m3 - Nov To Mar	21.0316	1.50%	21.3471	16,306	3,481	Re-Balance	22.0090	3,589
Delivery Next 24,000 m3 - Nov To Mar	15.6960	1.50%	15.9314	125,485	19,992	No Change	15.6960	19,696
Delivery Over 25,000 m3 - Nov To Mar	15.2899	1.50%	15.5192		_	No Change	15.2899	_
Commodity	0.0363	1.50%	0.0368	982,636	362	No Change	0.0363	357
					131,230			131,230

D1.2 Rate 2 Adjustment

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 24 of 104 Filed: July 27, 2018

# Rate 3 Price Cap Adjustment

GDP-IPI	1.90%
Less Productivity	0.00%
Less Stretch Factor	0.40%
Price Cap Adjustment	1.50%

				Billing				
	Current Rate	Price Cap	Adjusted Rates	Determinants	Revenue		Balanced Rates	Revenue
Monthly Service Charge	150.00	1.50%	152.25	5	9,135	No Change	150.00	9,000
Delivery Firm	4.2918	1.50%	4.3562	677,457	29,511	Re-Balance	4.5216	30,632
Demand Firm	29.0974	1.50%	29.5339	224,723	66,369	No Change	29.0974	65,389
Commodity	0.0363	1.50%	0.0368	902,180 _	332	No Change	0.0363	327
					105,348			105,348

D1.3 Rate 3 Adjustment

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 25 of 104 Filed: July 27, 2018

# Rate 4 Price Cap Adjustment

GDP-IPI	1.90%
Less Productivity	0.00%
Less Stretch Factor	0.40%
Price Cap Adjustment	1.50%

				Billing				
	Current Rate	Price Cap	Adjusted Rates	Determinants	Revenue		Balanced Rates	Revenue
Monthly Service Charge	15.00	1.50%	15.23	36	6,577	No Change	15.00	6,480
Delivery First 1,000 m3 - Apr To Dec	16.2986	1.50%	16.5430	434,806	71,930	Re-Balance	16.7326	72,754
Delivery Over 1,000 m3 - Apr To Dec	10.5218	1.50%	10.6796	445,900	47,620	No Change	10.5218	46,917
Delivery First 1,000 m3 - Jan To Mar	20.7925	1.50%	21.1044	3,578	755	Re-Balance	21.3462	764
Delivery Over 1,000 m3 - Jan To Mar	16.9052	1.50%	17.1588	10,623	1,823	No Change	16.9052	1,796
Commodity	0.0363	1.50%	0.0368	894,907	330	No Change	0.0363	325
					129,035			129,035

D1.4 Rate 4 Adjustment

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 26 of 104 Filed: July 27, 2018

# Rate 5 Price Cap Adjustment

GDP-IPI	1.90%
Less Productivity	0.00%
Less Stretch Factor	0.40%
Price Cap Adjustment	1.50%

				Billing				
	Current Rate	Price Cap	Adjusted Rates	Determinants	Revenue		Balanced Rates	Revenue
Montaly Service Charge	150.00	1.50%	152.25	4	7,308	No Change	150.00	7,200
Delivery Firm	7.3434	1.50%	7.4535	586,789	43,736	Re-Balance	7.4725	43,848
Commodity	0.0363	1.50%	0.0368	586,789	216	No Change	0.0363	213
					51,261			51,261

D1.5 Rate 5 Adjustment

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 27 of 104 Filed: July 27, 2018

# Rate 6 Price Cap Adjustment

GDP-IPI	1.90%
Less Froductivity	0.00%
Less Stretch Factor	0.40%
Price Cap Adjustment	1.50%

				Billing				
	Current Rate	Price Cap	Adjusted Rates	Determinants	Revenue		Balanced Rates	Revenue
Monthly Service Charge	150.00	1.50%	152.25	1	1,827	No Change	150.00	1,800
Delivery Firm	3.9556	1.50%	4.0149	38,423,518	1,542,679	Re-Balance	4.0150	1,542,706
Demand Firm	19.1595	1.50%	19.4469	1,606,140	312,344	Change	19.4469	312,344
					1,856,849			1,856,849

D1.6 Rate 6 Adjustment

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 28 of 104 Filed: July 27, 2018

#### Proposed Distribution Tariff Sheet Rates

Rate Group	Monthly Service Charge		Delivery Over 1,000 m <sup>3</sup>		Delivery Over 25,000 m <sup>3</sup>	Delivery - Firm	Demand - Firm		Delivery - Int - Lower	Delivery - Int - Upper
RATE 1 - General Service Rate - Residential	13.50	17.0136	11.2618					0.0363		
RATE 1 - General Service Rate - Commercial	13.50	17.0136	11.2618					0.0363		
RATE 1 - General Service Rate - Industrial	13.50	17.0136	11.2618					0.0363		
RATE 2 - Seasonal Service - Apr to Oct	15.00	17.4607		9.4826	6.1698			0.0363		Transaction of
RATE 2 - Seasonal Service - Nov to Mar	15.00	22.0090		15.6960	15.2899			0.0363		Way a so-pa
RATE 3 - Special Large Volume Contract Rate	150.00					4.5216	29.0974	0.0363	7.9412	10.9612
RATE 4 - General Service Peaking - Apr to Dec	15.00	16.7326	10.5218				and the late	0.0363		
RATE 4 - General Service Peaking - Jan to Mar	15.00	21.3462	16.9052					0.0363		
RATE 5 - Interruptible Peaking Contract Rate	150.00					7.4725	1	0.0363	5.4612	8.4612
RATE 6 - Integrated Grain Processors Co-Operative Aylmer Ethanol Production Facility	150.00					4.0150	19.4469		7.9412	10.9612

E1.1 Proposed Dist Rates

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 29 of 104 Filed: July 27, 2018

#### Billing Determinants - Actuals October 1, 2016 to September 30, 2017

Rate Group
RATE 1 - General Service Rate - Resident al
RATE 1 - General Service Rate - Commercial
RATE 1 - General Service Rate - Industrial
RATE 2 - Seasonal Service - Apr to Oct
RATE 2 - Seasonal Service - Nov to Mar
RATE 3 - Special Large Volume Contract Rate
RATE 4 - General Service Peaking - Apr to Dec
RATE 4 - General Service Peaking - Jan to Mar
RATE 5 - Interruptible Peaking Contract Rate
RATE 6 - Integrated Grain Processors Co-Operative Aylmer
Ethancl Production Facility

Monthly Service Charge	Delivery First 1,000 m <sup>3</sup>	Delivery Over 1,000 m <sup>3</sup>	Delivery Next 24,000 m <sup>3</sup>	Delivery Over 25,000 m <sup>3</sup>	Delivery -	Demand -	Commodity	taring the same	Delivery - Int
8,148	15,016,931	890,834	_	-	_	_	15,907,765	-	-
462	2,261,985	3,047,615	_	-	-	-	5,309,600	_	_ 1
66	337,158	1,200,826	-	-		-	1,537,984	-	_
53	229,552	- 1	611,293	-	-	_	840,845		-
53	16,306	-	125,485	-	-	-	141,791	-	
5	-	-	-	-	677,457	224,723	902,180	4.0	
36	434,806	445,900	-	-	-	-	880,706	<u> -</u>	-
36	3,578	10,623	-			-	14,201	-	_
4				-	586,789	_	586,789	7	-
1		-	-	-	38,423,518	1,606,140	-	-	
8,775	18,300,316	5,595,799	736,778	- 1	39,687,764	1,830,863	26,121,861	= 1	

E1.2 Billing Determinants

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 30 of 104 Filed: July 27, 2018

#### **Proposed Revenue from Rates**

		onthly		elivery	Delivery Over 1,000		elivery	livery											
D. L. C.		ervice			3	ive	3	3		Deliv	73 6 17			Deliv	ery - Int				
Rate Group	2000000000	Charge	Firs	t 1,000 m <sup>3</sup>	m	*********	m	m	Firm	Fir	m	Con	nmodity	- L	ower		Delivery - Int - Upper		Total
RATE 1 - General Service Rate - Residential	\$1	,319,976	\$ :	2,554,920	\$ 100,324	\$	A	\$ -	\$ -	\$	-	\$	5,775	\$	-	\$		- 3	\$3,980,995
RATE 1 - General Service Rate - Commercial	\$	74,844	\$	384,845	\$ 343,216	\$	-	\$	\$ -	\$	-	\$	1,927	\$	2	\$		_	\$ 804,833
RATE 1 - General Service Rate - Industrial	\$	10,692	\$	57,363	\$ 135,235	\$	-	\$ -	\$ -	\$	-1	\$	558	\$	_	\$		_	\$ 203,848
RATE 2 - Seasonal Service - Apr to Oct	\$	5,565	\$	40,081	\$ -	\$	57,966	\$ -	\$ -	\$	-	\$	305	\$	-	\$			\$ 103,918
RATE 2 - Seasonal Service - Nov to Mar	\$	3,975	\$	3,589	\$ -	\$	19,696	\$ -	\$ -	\$	-	\$	51	\$	_	\$		_	\$ 27,311
RATE 3 - Special Large Volume Contract Rate	\$	9,000	\$	-	\$ -	\$		\$ -	\$ 30,632	\$ 65	,389	\$	327	\$	-	\$			\$ 105,348
RATE 4 - General Service Peaking - Apr to Dec	\$	4,860	\$	72,754	\$ 46,917	\$	-	\$ _	\$ -	\$	-	\$	320	\$	1	\$		-	\$ 124,851
RATE 4 - General Service Peaking - Jan to Mar	\$	1,620	\$	764	\$ 1,796	\$	-	\$ _	\$ -	\$	_	\$	5	\$	-	\$			\$ 4,185
RATE 5 - Interruptible Peaking Contract Rate	\$	7,200	\$		\$ -	\$	-	\$ -	\$ 43,848	\$	_	\$	213	\$	_	Ś			\$ 51,261
RATE 6 - Integrated Grain Processors Co-Operat ve Aylmer Ethanol	\$	1,800	\$	_	\$ -	\$		\$ _	\$1,542,706	\$312	,344	\$	_	\$		\$		_	\$1,856,849
	\$1	,439,532	\$ :	3,114,316	\$ 627,487	\$	77,663	\$ 	\$1,617,185	TO AND THE OWNER OF THE OWNER.		\$	9,482	\$	-	\$		-	\$7,263,398

Proposed Revenue \$7,263,398

Current Revenue \$7,156,057 Change \$ 107,341 1.50%

E1.3 Proposed Rev From Rate

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 31 of 104 Filed: July 27, 2018

## Tax Change Rate Rider

	2010	2011	2012	2013	2014	2015	2016	2017	2018
Regulatory Taxable Income	793,363	793,363	793,363	793,363	793,363	793,363	793,363	793,363	793,363
		, 50,405	755,505	733,303	733,303	755,505	733,303	793,303	793,303
Federal Income Tax Rate	16.875%	15.375%	15.000%	15.000%	15.000%	15.000%	15.000%	15.000%	15.000%
Federal Income Tax	133,880	121,980	119,004	119,004	119,004	119,004	119,004	119,004	119,004
Provincial Income Tax									
Provincial Income Tax Rate - First \$500,000	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%			
Provincial Income Tax - First \$500,000	22,500	22,500	22,500	22,500	22,500	22,500	_	_	_
Provincial Income Tax Rate - Over \$500,000	11.875%	11.625%	11.500%	11.500%	11.500%	11.500%	11.500%	11.500%	11.500%
Provincial Income Tax - Over \$500,000	34,837	34,103	33,737	33,737	33,737	33,737	91,237	91,237	91,237
		MAKENET SELECTION OF SELECTION							
Total Income Taxes Payable	191,217	178,583	175,241	175,241	175,241	175,241	210,241	210,241	210,241
Effective Tax Rate	24.1%	22.5%	22.1%	22.1%	22.1%	22.1%	26.5%	26.5%	26.5%
Grossed up Income Tax	251,939	230,458	224,923	224,923	224,923	224,923	286,042	286,042	286,042
Change in Income Taxes		21,481	27,016	27,016	27,016	27,016	- 34,103	- 34,103	- 34,103
50 % Change in Taxes		10,741	13,508	13,508	13,508	13,508	- 17,051	- 17,051	- 17,051

F1.1 Calc Shared Tax Changes

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 32 of 104 Filed: July 27, 2018

#### **Allocation of Shared Tax Changes**

	Revenue By	Proportionate	Shared Tax	Number of	Number of	Fix	ed Monthy
Rate Group	Rate Class	Revenue	Changes	Customers	Months		Rate Rider
RATE 1 - General Service Rate	4,915,936	68.7%	11,714	8,676	12	\$	0.1125
RATE 2 - Seasonal Service	129,290	1.8%	308	53	12	\$	0.4844
RATE 3 - Special Large Volume Contract Rate	103,791	1.5%	247	5	12	\$	4.1219
RATE 4 - General Service Peaking	127,128	1.8%	303	36	12	\$	0.7012
RATE 5 - Interruptible Peaking Contract Rate	50,503	0.7%	120	4	12	\$	2.5071
RATE 6 - Integrated Grain Processors Co-Operative Aylmer							
Ethanol Production Facility	1,829,408	25.6%	4,359	1	12	\$	363.2601
	7,156,057	100.0%	17,051	8,775			

F1.2 Alloc Shared Tax Changes

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 33 of 104 Filed: July 27, 2018

# **Proposed Shared Tax Rate Rider**

Description	100	nared Tax Changes
	Effe	ective for 12
		months
	\$ Pe	r Customer Per
		Month
Rate Group		
RATE 1 - General Service Rate - Residential	\$	0.1125
RATE 1 - General Service Rate - Commercial	\$	0.1125
RATE 1 - General Service Rate - Industrial	\$	0.1125
RATE 2 - Seasonal Service - Apr to Oct	\$	0.4844
RATE 2 - Seasonal Service - Nov to Mar	\$	0.4844
RATE 3 - Special Large Volume Contract Rate	\$	4.1219
RATE 4 - General Service Peaking - Apr to Dec	\$	0.7012
RATE 4 - General Service Peaking - Jan to Mar	\$	0.7012
RATE 5 - Interruptible Peaking Contract Rate	\$	2.5071
RATE 6 - Integrated Grain Processors Co-Operative		
Aylmer Ethanol Production Facility	\$	363.2601

F1.3 Proposed Rate Riders

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 34 of 104 Filed: July 27, 2018

#### **Deferred Revenue Recovery**

Rate Group		Proposed Revenue		Current Revenue		Change In Revenue		eferred evenue	Number of Customers	Total Annual Consumption	Proposed Deferred Revenue Recovery Rate Rider cents per m3
		Α		В		C = A- B	D=	C / 12 * 12	Е	F	H = D /F
RATE 1 - General Service Rate	\$	4,989,675	\$	4,915,936	\$	73,739	\$	73,739	8,676	22,755,349	0.3241
RATE 2 - Seasonal Service	\$	131,230	\$	129,290	\$	1,939	\$	1,939	53	982,636	0.1974
RATE 3 - Special Large Volume Contract Rate	\$	105,348	\$	103,791	\$	1,557	\$	1,557	5	902,180	0.1726
RATE 4 - General Service Peaking	\$	129,035	\$	127,128	\$	1,907	\$	1,907	36	894,907	0.2131
RATE 5 - Interruptible Peaking Contract Rate	\$	51,261	\$	50,503	\$	758	\$	758	4	586,789	0.1291
RATE 6 - Integrated Grain Processors Co-Operative Aylmer											
Ethanol Production Facility	\$	1,856,849	\$	1,829,408	\$	27,441	\$	27,441	1	38,423,518	0.0714
	\$	7,263,398	\$	7,156,057	\$	107,341	\$	107,341	8,775	64,545,379	
						1.50%					

F2.1 Deferred Revenue Recovery

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 35 of 104 Filed: July 27, 2018

#### Rate 1 Delivery Bill Impact

Rate 1 - Residential		Current Rate	Proposed Rate		
Customer		13.50	13.50		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.6436	17.0136		
Block 2 (Over 1,000 m <sup>3</sup> per month)		11.0954	11.2618		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		0.1125			
Shared Tax Changes 2017		0,1,120	0.1125		
Average Annual Consumption					
3	1,843				
Block 2 (Over 1,000 m <sup>3</sup> per month)	109				
Delivery	Metric	Current Rate	Proposed Rate	Change \$	Change %
Customer	12	162.00	162.00	÷	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	1,843	306.74	313.56	6.82	2.2%
Block 2 (Over 1,000 m <sup>3</sup> per month)	109	12.09	12.28	0.18	1.5%
System Gas Charge	1,952	0.71	0.71	-	0.0%
Total Delivery		481.54	488.55	7.00	1.5%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2016	12	1.35	0.00	-1.35	-100.0%
Shared Tax Changes 2017	12_	0.00	1.35	1.35	100.0%
Total Rate Riders		1.35	1.35	0.00	0.0%
Total Bill Impact		482.89	489.90	7.00	1.4%

G1.1 Rate 1 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 36 of 104 Filed: July 27, 2018

#### Rate 1 Delivery Bill Impact

Rate 1 - Commercial		Current Rate	Proposed Rate		
Customer		13.50	13.50		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.6436	17.0136		
Block 2 (Over 1,000 m <sup>3</sup> per month)		11.0954	11.2618		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		0.1125			
Shared Tax Changes 2017		0.1123	0.1125		
Average Annual Consumption	ACT OF THE PROPERTY OF THE PRO				
Block 1 (First 1,000 m <sup>3</sup> per month)	4,896				
Block 2 (Over 1,000 m <sup>3</sup> per month)	6,597				
Customer	200820202020202020202020202020	Current Rate	Proposed Rate	Change \$	Change %
	12	162.00	162.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	4,896	814.87	832.99	18.12	2.2%
Block 2 (Over 1,000 m <sup>3</sup> per month)	6,597	731.96	742.94	10.98	1.5%
System Gas Charge	11,493 _	4.17	4.17	-	0.0%
Total Delivery		1,713.00	1,742.10	29.10	1.7%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2016	12	1.35	0.00	-1.35	-100.0%
Shared Tax Changes 2017	12	0.00	1.35	1.35	100.0%
Total Rate Riders		1.35	1.35	0.00	0.0%
Total Bill Immant		7			
Total Bill Impact		1,714.35	1,743.45	29.10	1.7%

G1.1 Rate 1 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 37 of 104 Filed: July 27, 2018

# Rate 1 Delivery Bill Impact

Rate 1 - Industrial		Current Rate	Proposed Rate		
Customer		13.50	13.50		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.6436	17.0136		
Block 2 (Over 1,000 m <sup>3</sup> per month)		11.0954	11.2618		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		0.1125			
Shared Tax Changes 2017			0.1125		
Average Annual Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	5,108				
Block 2 (Over 1,000 m <sup>3</sup> per month)	18,194				
Block 2 (Over 1,000 III per month)	10,194				
	Metric	Current Rate	Proposed Rate	Change \$	Change %
Customer	12	162.00	162.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	5,108	850.15	869.05	18.90	2.2%
Block 2 (Over 1,000 m <sup>3</sup> per month)	18,194	2,018.69	2,048.97	30.28	1.5%
System Gas Charge	23,302	8.46	8.46	-	0.0%
Total Delivery		3,039.30	3,088.48	49.18	1.6%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change 9/
Shared Tax Changes 2016	12	1.35	0.00	-1.35	Change % -100.0%
Shared Tax Changes 2017	12	0.00	1.35	1.35	100.0%
Total Rate Riders		1.35	1.35	0.00	0.0%
Total Bill Impact		3,040.65	3,089.83	49.18	1.6%

G1.1 Rate 1 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 38 of 104 Filed: July 27, 2018

# Rate 2 Delivery Bill Impact

Rate 2 - April to October		Current Rate	Proposed Rate		
Customer		15.00	15.00		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.6853	17.4607		
Block 2 (Next 24,000 m <sup>3</sup> per month)		9.4826	9.4826		
Block 3 (Over 25,000 m <sup>3</sup> per month)		6.1698	6.1698		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		0.4844			
Shared Tax Changes 2017			0.4844		
Average Conservation					
Average Seasonal Consumption  Block 1 (First 1,000 m <sup>3</sup> per month)	4 004				
3	4,331				
	11,534				
Block 3 (Over 25,000 m <sup>3</sup> per month)					
	ALTERNATION OF THE PROPERTY OF				
	Metric	Current Rate	Proposed Rate	Change \$	Change %
Customer	Metric 7	Current Rate 105.00	Proposed Rate 105.00	Change \$	Change % 0.0%
Customer Block: 1 (First 1,000 m <sup>3</sup> per month)	DOMESCHARGE BURGERS AND	227#49#25*401180229CC028F432DC0411000104	38.005081.000050500A8049403A01000049A00240A240AA00A4	Change \$ - 33.58	"MADRAMAZIANDORNAN JURGO NACADARRANA
Block 1 (First 1,000 m <sup>3</sup> per month)	7	105.00	105.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	7 4,331	105.00 722.64	105.00 756.22	-	0.0% 4.6%
Block: 1 (First 1,000 m <sup>3</sup> per month) Block: 2 (Next 24,000 m <sup>3</sup> per month) Block: 3 (Over 25,000 m <sup>3</sup> per month) System: Gas Charge	7 4,331	105.00 722.64	105.00 756.22	-	0.0% 4.6% 0.0%
Block: 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month)	7 4,331 11,534	105.00 722.64 1,093.72	105.00 756.22 1,093.72	-	0.0% 4.6% 0.0% 0.0%
Block: 1 (First 1,000 m <sup>3</sup> per month) Block: 2 (Next 24,000 m <sup>3</sup> per month) Block: 3 (Over 25,000 m <sup>3</sup> per month) System: Gas Charge	7 4,331 11,534	105.00 722.64 1,093.72 - 5.76	105.00 756.22 1,093.72 - 5.76	33.58 - - -	0.0% 4.6% 0.0% 0.0% 0.0%
Block: 1 (First 1,000 m <sup>3</sup> per month) Block: 2 (Next 24,000 m <sup>3</sup> per month) Block: 3 (Over 25,000 m <sup>3</sup> per month) System: Gas Charge Total Delivery	7 4,331 11,534 - 15,865	105.00 722.64 1,093.72 - 5.76	105.00 756.22 1,093.72 - 5.76 1,960.71	33.58 - - -	0.0% 4.6% 0.0% 0.0% 0.0%
Block: 1 (First 1,000 m³ per month) Block: 2 (Next 24,000 m³ per month) Block: 3 (Over 25,000 m³ per month) System: Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2016	7 4,331 11,534 - 15,865	105.00 722.64 1,093.72 - 5.76 1,927.12	105.00 756.22 1,093.72 - 5.76	33.58	0.0% 4.6% 0.0% 0.0% 0.0% 1.7%
Block: 1 (First 1,000 m³ per month) Block: 2 (Next 24,000 m³ per month) Block: 3 (Over 25,000 m³ per month) System: Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2016 Shared Tax Changes 2017	7 4,331 11,534 - 15,865	105.00 722.64 1,093.72 - 5.76 1,927.12 Current Rate 3.39 0.00	105.00 756.22 1,093.72 - 5.76 1,960.71 Proposed Rate 0.00 3.39	33.58 - - - - 33.58 Change \$ -3.39 3.39	0.0% 4.6% 0.0% 0.0% 0.0% 1.7%
Block: 1 (First 1,000 m³ per month) Block: 2 (Next 24,000 m³ per month) Block: 3 (Over 25,000 m³ per month) System: Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2016	7 4,331 11,534 - 15,865 Metric 7	105.00 722.64 1,093.72 - 5.76 1,927.12 Current Rate 3.39	105.00 756.22 1,093.72 - 5.76 1,960.71 Proposed Rate 0.00	33.58 - - - 33.58 Change \$	0.0% 4.6% 0.0% 0.0% 0.0% 1.7%

G1.2 Rate 2 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 39 of 104 Filed: July 27, 2018

# Rate 2 Delivery Bill Impact

ange \$ Cha	ange %
- 0	0.0%
3.01 4	4.6%
- 0	0.0%
- 0	0.0%
- 0	0.0%
3.01 0	0.6%
ange \$ Cha	ange %
TOTAL PROPERTY STATEMENT OF THE PROPERTY OF TH	00.0%
-2.42 -10	0.0%
	0.070
2.42 0	0.0%
	- ( 3.01

G1.2 Rate 2 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 40 of 104 Filed: July 27, 2018

# Rate 2 Delivery Bill Impact

# Rate 2 - Annual

Average Annual Consumption
Block 1 (First 1,000 m³ per month)
Block 2 (Next 24,000 m³ per month)
Block 3 (Over 25,000 m³ per month)

Customer

Block 1 (First 1,000 m³ per month)

Block 2 (Next 24,000 m³ per morth)

Block 3 (Over 25,000 m³ per month)

System Gas Charge

Total Delivery

#### Rate Riders

Rate Riders Shared Tax Changes 2016 Shared Tax Changes 2017 Total Rate Riders

Total Bill Impact

	13,902				
	-				
	12.12				
	Metric	Current Rate	Proposed Rate	Change \$	Change %
	12	180.00	180.00	-	0.0%
	4,639	787.42	824.01	36.59	4.6%
	13,902	1,465.40	1,465.40	-	0.0%
	- 1	<u>-</u>	÷		0.0%
	18,541	6.73	6.73	-	0.0%
		2,439.55	2,476.15	36.59	1.5%
No.	Metric	Current Rate	Proposed Rate	Change \$	Change %
	12	5.81	0.00	-5.81	-100.0%
	12	0.00	5.81	5.81	100.0%
		5.81	5.81	0.00	0.0%
				The same of the second of the second	And the second s

2,481.96

36.59

1.5%

2,445.37

4,639

G1.2 Rate 2 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 41 of 104 Filed: July 27, 2018

# Rate 3 Delivery Bill Impact

Special Large Volume Contract Rate		Current Rate	Proposed Rate		
Customer		150.00	150.00		
Delivery - Firm		4.2918	4.5216		
Demand - Firm		29.0974	29.0974		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		4.1219			
Shared Tax Changes 2017			4.1219		
Average Annual Consumption					
Delivery - Firm	135,491				
Demand - Firm	44.945	The second second			
	Metric	Current Rate	Proposed Rate	Change \$	Change %
Custcmer	12	1,800.00	1,800.00	_	0.0%
Delivery - Firm	135,491	5,815.00	6,126.37	311.37	5.4%
Demand - Firm	44,945	13,077.83	13,077.83		0.0%
System Gas Charge	135,491	49.18	49.18	-	0.0%
Total Delivery		20,742.01	21,053.38	311.37	1.5%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2016	12	49.46	0.00	-49.46	-100.0%
Shared Tax Changes 2017	12	0.00	49.46	49.46	100.0%
Total Rate Riders		49.46	49.46	0.00	0.0%
Total Bill Impact		20,791.47	21,102.85	311.37	1.5%

G1.3 Rate 3 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 42 of 104 Filed: July 27, 2018

# Rate 4 Delivery Bill Impact

Rate 4 - April to December		Current Rate	Proposed Rate		
Customer		15.00	15.00		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.2986	16.7326		
Block 2 (Over 1,000 m <sup>3</sup> per month)		10.5218	10.5218		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		0.7012			
Shared Tax Changes 2017		0.7012	0.7012		
Average Seasonal Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	12,078				
Block 2 (Over 1,000 m <sup>3</sup> per month)	12,386				
	Motrio	Current Rate	Proposed Rate	Change ¢	Change 0/
Customer	9	135.00	135.00	Change \$	Change % 0.0%
Bloc< 1 (First 1,000 m <sup>3</sup> per month)	12,078	1,968.54	2,020.96	52.42	2.7%
Block 2 (Over 1,000 m <sup>3</sup> per month)	12.386	1,303.23	1,303.23	_	0.0%
System Gas Charge	24,464	8.88	8.88	_	0.0%
Total Delivery		3,415.65	3,468.07	52.42	1.5%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2016	9	6.31	0.00	-6.31	-100.0%
Shared Tax Changes 2017	9	0.00	6.31	6.31	100.0%
Total Rate Riders		6.31	6.31	0.00	0.0%
Total Bill Impact		2 424 06	2 474 20	E2 42	4 50/
Total Dill lilipact		3,421.96	3,474.38	52.42	1.5%

G1.4 Rate 4 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 43 of 104 Filed: July 27, 2018

# Rate 4 Delivery Bill Impact

Rate 4 - January to March		Current Rate	Proposed Rate		
Customer		15.00	15.00		
Block 1 (First 1,000 m <sup>3</sup> per month)		20.7925	21.3462		
Block 2 (Over 1,000 m <sup>3</sup> per month)		16.9052	16.9052		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2016		0.7012			
Shared Tax Changes 2017			0.7012		
Average Seasonal Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	99				
Block 2 (Over 1,000 m <sup>3</sup> per month)	295				
Disect (Gver 1,000 iii per mentin)	290				
	Metric	Current Rate	Proposed Rate	Change \$	Change %
Customer	3	45.00	45.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	99	20.58	21.13	0.55	2.7%
Block 2 (Over 1,000 m <sup>3</sup> per month)	295	49.87	49.87	-	0.0%
System Gas Charge	394	0.14	0.14	-	0.0%
Total Delivery		115.60	116.15	0.55	0.5%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2016	3	2.10	0.00	-2.10	-100.0%
Shared Tax Changes 2017	3	0.00	2.10	2.10	100.0%
Total Rate Riders		2.10	2.10	0.00	0.0%
Total Bill Impact		117.70	118.25	0.55	0.5%

G1.4 Rate 4 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 44 of 104 Filed: July 27, 2018

# Rate 4 Delivery Bill Impact

# Rate 4 - Annual

Average Annual Consumption

Block 1 (First 1,000 m<sup>3</sup> per month)

Block 2 (Over 1,000 m<sup>3</sup> per month)

Customer

Block 1 (First 1,000 m³ per month)

Block 2 (Over 1,000 m³ per month)

System Gas Charge

Total Delivery

### **Rate Riders**

Rate Riders
Shared Tax Changes 2016
Shared Tax Changes 2017
Total Rate Riders

**Total Bill Impact** 

1	2,	,1	7	7
1	2.	6	8	1

Metric	Current Rate	Proposed Rate	Change \$	Change %
12	180.00	180.00	-	0.0%
12,177	1,989.12	2,042.09	52.97	2.7%
12,681	1,353.10	1,353.10	_	0.0%
24,858	9.02	9.02		0.0%
	3,531.25	3,584.22	52.97	1.5%

Metric	Current Rate	Proposed Rate	Change \$	Change %
12	8.41	0.00	-8.41	-100.0%
12	0.00	8.41	8.41	100.0%
	8.41	8.41	0.00	0.0%
	3,539.66	3,592,63	F2.07	4.50/
	3,339.00	3,592.63	52.97	1.5%

G1.4 Rate 4 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 45 of 104 Filed: July 27, 2018

# Rate 5 Delivery Bill Impact

Interruptible Peaking Contract Rate		Current Rate	Proposed Rate		
Customer Delivery - Firm System Gas Charge		150.00 7.3434 0.0363	150.00 7.4725 0.0363		
Rate Riders Shared Tax Changes 2016 Shared Tax Changes 2017		2.5071	2.5071		
Average Annual Consumption Delivery - Firm	146,697				
Customer Delivery - Firm System Gas Charge Total Delivery	Metric 12 146,697 146,697	Current Rate 1,800.00 10,772.50 53.25 <b>12,625.75</b>	Proposed Rate 1,800.00 10,961.89 53.25 12,815.14	Change \$ - 189.39 - 189.39	Change % 0.0% 1.8% 0.0% 1.5%
Rate Riders					
Rate Riders Shared Tax Changes 2016 Shared Tax Changes 2017 Total Rate Riders	Metric 12 12	Current Rate 30.09 0.00 30.09	Proposed Rate 0.00 30.09 30.09	Change \$ -30.09 30.09 0.00	Change % -100.0% 100.0% 0.0%
Total Bill Impact		12,655.84	12,845.22	189.39	1.5%

G1.5 Rate 5 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 46 of 104 Filed: July 27, 2018

# Rate 6 Delivery Bill Impact

Special Large Volume Contract Rate		Current Rate	Proposed Rate		
Customer Delivery - Firm Demand - Firm		150.00 3.9556 19.1595	150.00 4.0150 19.4469		
Rate Riders Shared Tax Changes 2016 Shared Tax Changes 2017		363.2601	363.2601		
Average Annual Consumption Delivery - Firm Demand - Firm	38,423,518 1,606,140				
Customer Delivery - Firm Demand - Firm Total Delivery	Metric 12 38,423,518 1,606,140	Current Rate 1,800.00 1,519,880.46 307,727.85 1,829,408.32	Proposed Rate 1,800.00 1,542,705.67 312,343.77 1,856,849.44	Change \$	Change % 0.0% 1.5% 1.5%
Rate Riders					
Rate Riders	Metric	Current Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2016 Shared Tax Changes 2017 Total Rate Riders	12 12	4,359.12 0.00 <b>4,359.12</b>	0.00 4,359.12 <b>4,359.12</b>	-4,359.12 4,359.12 <b>0.00</b>	-100.0% 100.0% <b>0.0%</b>
Total Bill Impact		1,833,767.44	1,861,208.56	27,441.12	1.5%

G1.6 Rate 6 Bill Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 47 of 104 Filed: July 27, 2018

# **Summary of Bill Impacts**

Rate Class	100	ixed ange	100	umetric hange	Tax	ared Rate ider	100	Total	Total Change %
Rate 1 - Residential	\$	_	\$	7.00	\$		\$	7.00	4 40/
Rate 1 - Commercial	\$	÷	\$	29.10	\$		\$	29.10	1.4%
Rate 1 - Industrial	\$		\$	49.18	\$		\$	49.18	1.6%
Rate 2 - April to October	\$	-	\$	33.58	\$	-	\$	33.58	1.7%
Rate 2 - November to March	\$	-	\$	3.01	\$	-	\$	3.01	0.6%
Rate 2 - Annual	\$	•	\$	36.59	\$	-	\$	36.59	1.5%
Rate 3 - Special Large Volume Contract Rate	\$	-	\$	311.37	\$	-	\$	311.37	1.5%
Rate 4 - April to December	\$	-	\$	52.42	\$	-	\$	52.42	1.5%
Rate 4 - January to March	\$	-	\$	0.55	\$		\$	0.55	0.5%
Rate 4 - Annual	\$	-	\$	52.97	\$	•	\$	52.97	1.5%
Rate 5 - Interruptible Peaking Contract Rate	\$		\$	189.39	\$	-	\$	189.39	1.5%
Rate 6 - Special Large Volume Contract Rate	\$	-	\$2	7,441.12	\$	-	\$2	7,441.12	1.5%

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 48 of 104 Filed: July 27, 2018

# Rate 1 Delivery Bill Impact Cumulative Compared to 2015

Rate 1 - Residential		2015 Rate	Proposed Rate		
Customer		13.50	13.50		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.2312	17.0136		
Block 2 (Over 1,000 m <sup>3</sup> per month)		10.9099	11.2618		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2015		0.1300			
Shared Tax Changes 2017		0.1000	0.1125		
Average Annual Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	1,843				
Block 2 (Over 1,000 m <sup>3</sup> per month)	109				
Delivery	Metric	2015 Rate	Proposed Rate	Change \$	Change %
<b>Delivery</b> Customer	Metric 12	2015 Rate 162 00	Proposed Rate	Change \$	Change %
Customer	12	162.00	162.00		0.0%
Customer Blcck 1 (First 1,000 m <sup>3</sup> per month)	12 1,843	162.00 299.14	162.00 313.56	- 14.42	0.0% 4.8%
Customer  Block 1 (First 1,000 m <sup>3</sup> per month)  Block 2 (Over 1,000 m <sup>3</sup> per month)	12 1,843 109	162.00 299.14 11.89	162.00 313.56 12.28		0.0% 4.8% 3.2%
Customer Blcck 1 (First 1,000 m <sup>3</sup> per month)	12 1,843	162.00 299.14	162.00 313.56	- 14.42	0.0% 4.8%
Customer  Blcck 1 (First 1,000 m³ per month)  Blcck 2 (Over 1,000 m³ per month)  System Gas Charge  Total Delivery	12 1,843 109	162.00 299.14 11.89 0.71	162.00 313.56 12.28 0.71	14.42 0.38	0.0% 4.8% 3.2% 0.0%
Customer  Block 1 (First 1,000 m <sup>3</sup> per month)  Block 2 (Over 1,000 m <sup>3</sup> per month)  System Gas Charge	12 1,843 109	162.00 299.14 11.89 0.71	162.00 313.56 12.28 0.71	14.42 0.38	0.0% 4.8% 3.2% 0.0%
Customer  Blcck 1 (First 1,000 m³ per month)  Blcck 2 (Over 1,000 m³ per month)  System Gas Charge  Total Delivery	12 1,843 109	162.00 299.14 11.89 0.71	162.00 313.56 12.28 0.71	14.42 0.38	0.0% 4.8% 3.2% 0.0% 3.1%
Customer  Blcck 1 (First 1,000 m³ per month)  Blcck 2 (Over 1,000 m³ per month)  System Gas Charge  Total Delivery  Rata Riders  Rate Riders  Shared Tax Changes 2015	12 1,843 109 1,952	162.00 299.14 11.89 0.71 473.74	162.00 313.56 12.28 0.71 488.55	14.42 0.38 - 14.80	0.0% 4.8% 3.2% 0.0%
Customer Blcck 1 (First 1,000 m³ per month) Blcck 2 (Over 1,000 m³ per month) System Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017	12 1,843 109 1,952 	162.00 299.14 11.89 0.71 <b>473.74</b> 2015 Rate	162.00 313.56 12.28 0.71 488.55	14.42 0.38 - 14.80	0.0% 4.8% 3.2% 0.0% 3.1%
Customer  Blcck 1 (First 1,000 m³ per month)  Blcck 2 (Over 1,000 m³ per month)  System Gas Charge  Total Delivery  Rata Riders  Rate Riders  Shared Tax Changes 2015	12 1,843 109 1,952 Metric 12	162.00 299.14 11.89 0.71 473.74 2015 Rate 1.56	162.00 313.56 12.28 0.71 488.55 Proposed Rate 0.00	- 14.42 0.38 - 14.80 Change \$ -1.56	0.0% 4.8% 3.2% 0.0% 3.1% Change % -100.0%
Customer Blcck 1 (First 1,000 m³ per month) Blcck 2 (Over 1,000 m³ per month) System Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017	12 1,843 109 1,952 Metric 12	162.00 299.14 11.89 0.71 473.74 2015 Rate 1.56 0.00	162.00 313.56 12.28 0.71 488.55 Proposed Rate 0.00 1.35	- 14.42 0.38 - 14.80 Change \$ -1.56 1.35	0.0% 4.8% 3.2% 0.0% 3.1%  Change % -100.0% 100.0%

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 49 of 104 Filed: July 27, 2018

# Rate 1 Delivery Bill Impact Cumulative Compared to 2015

Rate 1 - Commercial		2015 Rate	Proposed Rate		
Customer		13.50	13.50		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.2312	17.0136		
Block 2 (Over 1,000 m <sup>3</sup> per month)		10.9099	11.2618		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2015		0.1300			
Shared Tax Changes 2017			0.1125		
Average Annual Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	4,896				
Block 2 (Over 1,000 m <sup>3</sup> per month)	6,597				
	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Customer	12	162.00	162.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	4,896	794.68	832.99	38.31	4.8%
Block 2 (Over 1,000 m <sup>3</sup> per month)	6,597	719.73	742.94	23.21	3.2%
System Gas Charge	11,493	4.17	4.17	_	0.0%
Total Delivery		1,680.58	1,742.10	61.52	3.7%
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	12	1.56	0.00	-1.56	-100.0%
Shared Tax Changes 2017	12 _	0.00	1.35	1.35	100.0%
Total Rate Riders		1.56	1.35	-0.21	-13.5%
Total Bill Impact		1,682.14	1,743.45	61.31	3.6%

H1.1 Rate 1 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 50 of 104 Filed: July 27, 2018

# Rate 1 Delivery Bill Impact Cumulative Compared to 2015

Rate 1 - Industrial		2015 Rate	Proposed Rate		
Customer		13.50	13.50		
Block 1 (First 1,000 m <sup>3</sup> per month)		16.2312	17.0136		
Block 2 (Over 1,000 m <sup>3</sup> per month)		10.9099	11.2618		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2015		0.1300			
Shared Tax Changes 2017	• • • • • • • • • • • • • • • • • • •		0.1125		
Average Annual Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	5,108				
Block 2 (Over 1,000 m <sup>3</sup> per month)	18,194				
	Matria	0045 D-4-	D	01 0	01 01
Customer	Metric 12	2015 Rate 162.00	Proposed Rate 162.00	Change \$	Change % 0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	5,108	829.09	869.05	39.96	4.8%
Block 2 (Over 1,000 m <sup>3</sup> per month)	18,194	1,984.95	2,048.97	64.02	
System Gas Charge	23,302	8.46	8.46	04.02	3.2% 0.0%
Total Delivery		2,984.50	3,088.48	103.99	3.5%
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	12	1.56	0.00	-1.56	-100.0%
Shared Tax Changes 2017	12	0.00	1.35	1.35	100.0%
Total Rate Riders		1.56	1.35	-0.21	-13.5%
Total Bill Impact		2,986.06	3,089.83	103.78	3.5%

H1.1 Rate 1 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 51 of 104 Filed: July 27, 2018

# Rate 2 Delivery Bill Impact Cumulative Compared to 2015

Rate 2 - April to October		2015 Rate	Proposed Rate		
Customer		15.00	15.00		
Block 1 (First 1,000 m <sup>3</sup> per month)		15.8212	17.4607		
Block 2 (Next 24,000 m <sup>3</sup> per month)		9.4826	9.4826		
Block 3 (Over 25,000 m <sup>3</sup> per month)		6.1698	6.1698		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2015		0.2400			
Shared Tax Changes 2017			0.4844		
Average Seasonal Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	4,331				
Block 2 (Next 24,000 m <sup>3</sup> per month)	11,534				
Block 3 (Over 25,000 m <sup>3</sup> per month)	11,004				
Blook o (ever 20,000 m per menur)					
	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Customer	7	105.00	105.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	4,331	685.22	756.22	71.01	10.4%
Block 2 (Next 24,000 m <sup>3</sup> per month)	11,534	1,093.72	1,093.72	_	0.0%
Block 3 (Over 25,000 m <sup>3</sup> per month)	-	- ·	· ·	-	0.0%
System Gas Charge	15,865	5.76	5.76	-	0.0%
Total Delivery		1,889.70	1,960.71	71.01	3.8%
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	7	1.68	0.00	-1.68	-100.0%
Shared Tax Changes 2017	7_	0.00	3.39	3.39	0.0%
Total Rate Riders		1.68	3.39	1.71	101.8%
Total Bill Impact		1,891.38	1,964.10	72.72	3.8%

H1.2 Rate 2 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 52 of 104 Filed: July 27, 2018

# Rate 2 Delivery Bill Impact Cumulative Compared to 2015

Rate 2 - November to March		2015 Rate	Proposed Rate		
Custcmer Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month) System Gas Charge		15.00 19.9424 15.6960 15.2899 0.0363	15.00 22.0090 15.6960 15.2899 0.0363		
Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017		0.2400	0.4844		
Average Seasonal Consumption  Block 1 (First 1,000 m³ per month)	308				
Block 2 (Next 24,000 m <sup>3</sup> per month)	2,368				
Block 3 (Over 25,000 m <sup>3</sup> per month)					
	TRANSCOVERAGE STREETS COURSE				
	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Customer	Metric 5	2015 Rate 75.00	Proposed Rate 75.00	Change \$	Change % 0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	WHITE THE PROPERTY OF THE PROP	***************************	VARIOUS AND TO SELECT A SELECT AND THE SELECT AND T	Change \$ - 6.37	
	5	75.00	75.00	-	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month)	5 308	75.00 61.42	75.00 67.79	-	0.0% 10.4%
Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month) System Gas Charge	5 308	75.00 61.42 371.68 - 0.97	75.00 67.79	-	0.0% 10.4% 0.0%
Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month)	5 308 2,368 -	75.00 61.42 371.68	75.00 67.79 371.68	-	0.0% 10.4% 0.0% 0.0%
Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month) System Gas Charge	5 308 2,368 -	75.00 61.42 371.68 - 0.97	75.00 67.79 371.68 - 0.97	- 6.37 - - -	0.0% 10.4% 0.0% 0.0% 0.0%
Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month) System Gas Charge Total Delivery	5 308 2,368 - 2,676	75.00 61.42 371.68 - 0.97 <b>509.08</b>	75.00 67.79 371.68 - 0.97 515.44	6.37	0.0% 10.4% 0.0% 0.0% 0.0% 1.3%
Block 1 (First 1,000 m <sup>3</sup> per month) Block 2 (Next 24,000 m <sup>3</sup> per month) Block 3 (Over 25,000 m <sup>3</sup> per month) System Gas Charge Total Delivery  Rate Riders	5 308 2,368 -	75.00 61.42 371.68 - 0.97	75.00 67.79 371.68 - 0.97	- 6.37 - - -	0.0% 10.4% 0.0% 0.0% 0.0% 1.3%
Block 1 (First 1,000 m³ per month) Block 2 (Next 24,000 m³ per month) Block 3 (Over 25,000 m³ per month) System Gas Charge Total Delivery  Rate Riders  Rate Riders	5 308 2,368 - 2,676 _	75.00 61.42 371.68 - 0.97 <b>509.08</b>	75.00 67.79 371.68 - 0.97 <b>515.44</b> Proposed Rate	6.37 - - - - 6.37	0.0% 10.4% 0.0% 0.0% 0.0% 1.3%
Block 1 (First 1,000 m³ per month) Block 2 (Next 24,000 m³ per month) Block 3 (Over 25,000 m³ per month) System Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2015	5 308 2,368 - 2,676 _ Metric 5	75.00 61.42 371.68 - 0.97 <b>509.08</b> 2015 Rate 1.20	75.00 67.79 371.68 - 0.97 <b>515.44</b> Proposed Rate 0.00	6.37 - - - - - 6.37 Change \$	0.0% 10.4% 0.0% 0.0% 0.0% 1.3% Change % -100.0%
Block 1 (First 1,000 m³ per month) Block 2 (Next 24,000 m³ per month) Block 3 (Over 25,000 m³ per month) System Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017	5 308 2,368 - 2,676 _ Metric 5	75.00 61.42 371.68 - 0.97 <b>509.08</b> 2015 Rate 1.20 0.00	75.00 67.79 371.68 - 0.97 515.44 Proposed Rate 0.00 2.42	6.37 - - - - 6.37 Change \$ -1.20 2.42	0.0% 10.4% 0.0% 0.0% 0.0% 1.3%  Change % -100.0% 0.0%

H1.2 Rate 2 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 53 of 104 Filed: July 27, 2018

# Rate 2 Delivery Bill Impact Cumulative Compared to 2015

# Rate 2 - Annual

Average Annual Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	4,639				
Block 2 (Next 24,000 m <sup>3</sup> per month)	13,902				
Blcck 3 (Over 25,000 m <sup>3</sup> per month)	-				
	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Customer	12	180.00	180.00	<del>-</del>	0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	4,639	746.64	824.01	77.37	10.4%
Block 2 (Next 24,000 m <sup>3</sup> per month)	13,902	1,465.40	1,465.40	_	0.0%
B'ock 3 (Over 25,000 m <sup>3</sup> per month)	_	-	-	_	0.0%
System Gas Charge	18,541 _	6.73	6.73	_	0.0%
Total Delivery		2,398.77	2,476.15	77.37	3.2%
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	12	2.88	0.00	-2.88	-100.0%
Shared Tax Changes 2017	12_	0.00	5.81	5.81	100.0%
Total Rate Riders		2.88	5.81	2.93	101.8%
Total Bill Impact		2,401.65	2,481.96	80.31	3.3%

H1.2 Rate 2 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 54 of 104 Filed: July 27, 2018

# Rate 3 Delivery Bill Impact Cumulative Compared to 2015

Special Large Volume Contract Rate		2015 Rate	Proposed Rate		
Customer De'ivery - Firm		150.00 4.0357	150.00		
Demand - Firm		29.0974	4.5216 29.0974		
System Gas Charge		0.0363	0.0363		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2015		10.5300			
Shared Tax Changes 2017			4.1219		
Average Annual Consumption					
Delivery - Firm	135,491				
Demand - Firm	44,945				
Benfand - Film	44,943				
	Madria	2045 D-4-	D	01	
	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Customer	12	1,800.00	1,800.00	Change \$	Change % 0.0%
Customer Delivery - Firm	EACHD COMMISSION OF THE PROPERTY OF THE PARTY OF THE PART	TOTAL CONTROL	DETERMINATION OF THE PROPERTY	658.36	ASSESSED CONTRACTOR STREET, NO. 10 ASSESSED BY THE STREET, NAME ASSESSED B
Delivery - Firm Demand - Firm	12	1,800.00	1,800.00	-	0.0%
Delivery - Firm	12 135,491	1,800.00 5,468.01	1,800.00 6,126.37	-	0.0% 12.0%
Delivery - Firm Demand - Firm	12 135,491 44,945	1,800.00 5,468.01 13,077.83	1,800.00 6,126.37 13,077.83	-	0.0% 12.0% 0.0%
Delivery - Firm Demand - Firm System Gas Charge	12 135,491 44,945	1,800.00 5,468.01 13,077.83 49.18	1,800.00 6,126.37 13,077.83 49.18	- 658.36 - -	0.0% 12.0% 0.0% 0.0%
Delivery - Firm Demand - Firm System Gas Charge Total Delivery	12 135,491 44,945	1,800.00 5,468.01 13,077.83 49.18	1,800.00 6,126.37 13,077.83 49.18	- 658.36 - -	0.0% 12.0% 0.0% 0.0%
Delivery - Firm Demand - Firm System Gas Charge Total Delivery  Rate Riders	12 135,491 44,945 135,491	1,800.00 5,468.01 13,077.83 49.18 <b>20,395.02</b>	1,800.00 6,126.37 13,077.83 49.18 21,053.38	658.36 - - 658.36	0.0% 12.0% 0.0% 0.0% 3.2%
Delivery - Firm Demand - Firm System Gas Charge Total Delivery  Rate Riders  Rate Riders	12 135,491 44,945 135,491	1,800.00 5,468.01 13,077.83 49.18 <b>20,395.02</b> 2015 Rate	1,800.00 6,126.37 13,077.83 49.18 21,053.38	- 658.36 - - - 658.36	0.0% 12.0% 0.0% 0.0% 3.2%
Delivery - Firm Demand - Firm System Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2015	12 135,491 44,945 135,491 Metric 12	1,800.00 5,468.01 13,077.83 49.18 <b>20,395.02</b> 2015 Rate 126.36	1,800.00 6,126.37 13,077.83 49.18 21,053.38 Proposed Rate 0.00	- 658.36 - - - 658.36 Change \$ -126.36	0.0% 12.0% 0.0% 0.0% 3.2% Change % -100.0%
Delivery - Firm Demand - Firm System Gas Charge Total Delivery  Rate Riders  Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017	12 135,491 44,945 135,491 Metric 12	1,800.00 5,468.01 13,077.83 49.18 <b>20,395.02</b> 2015 Rate 126.36 0.00	1,800.00 6,126.37 13,077.83 49.18 21,053.38 Proposed Rate 0.00 49.46	- 658.36 - - - 658.36 Change \$ -126.36 49.46	0.0% 12.0% 0.0% 0.0% 3.2% Change % -100.0% 100.0%

H1.3 Rate 3 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 55 of 104 Filed: July 27, 2018

# Rate 4 Delivery Bill Impact Cumulative Compared to 2015

Rate 4 - April to December		2015 Rate	Proposed Rate		
Customer		15.00	15.00		
Block 1 (First 1,000 m <sup>3</sup> per month)		15.8149	16.7326		
Block 2 (Over 1,000 m <sup>3</sup> per month)		10.5218	10.5218		
System Gas Charge		0.0363	0.0363		
Rate Riders					
Shared Tax Changes 2015		0.6900			
Shared Tax Changes 2017	76	0.0000	0.7012		
Average Seasonal Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	12,078				
Block 2 (Over 1,000 m <sup>3</sup> per month)	12,386				
	Metric	2015 Rate	Dranged Date	Change C	Oh 0/
Customer	weurc 9	135.00	Proposed Rate 135.00	Change \$	Change % 0.0%
Blcck 1 (First 1,000 m <sup>3</sup> per month)	12,078	1,910.12	2,020.96	110.84	5.8%
Blcck 2 (Over 1,000 m <sup>3</sup> per month)	12,386	1,303.23	1,303.23	110.04	0.0%
System Gas Charge	24,464	8.88	8.88	_	0.0%
Total Delivery		3,357.23	3,468.07	110.84	3.3%
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	9	6.21	0.00	-6.21	-100.0%
01 17 01 0017					
Shared Tax Changes 2017	9 _	0.00	6.31	6.31	100.0%
Total Rate Riders	9	0.00 <b>6.21</b>	6.31 <b>6.31</b>	6.31 <b>0.10</b>	100.0% 1.6%
· ·	9			The state of the s	

H1.4 Rate 4 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 56 of 104 Filed: July 27, 2018

# Rate 4 Delivery Bill Impact Cumulative Compared to 2015

Rate 4 - January to March		2015 Rate	Proposed Rate		
Customer		15.00	15.00		
Block 1 (First 1,000 m <sup>3</sup> per month)		20.1755	21.3462		
Block 2 (Over 1,000 m <sup>3</sup> per month)		16.9052	16.9052		
System Gas Charge		0.0363	0.0363		
Pate Pidess					
Rate Riders Shared Tax Changes 2015		0.6900			
Shared Tax Changes 2017		0.0900	0.7012		
			3		
Average Seasonal Consumption	STATE OF THE PARTY				
Block 1 (First 1,000 m <sup>3</sup> per month)	99				
Block 2 (Over 1,000 m <sup>3</sup> per month)	295				
		0045 D 4			
Customer	Metric 3	2015 Rate 45.00	Proposed Rate 45.00	Change \$	Change % 0.0%
Block 1 (First 1,000 m <sup>3</sup> per month)	99	19.97		1.16	
Block 2 (Over 1,000 m <sup>3</sup> per month)			21.13	1.16	5.8%
System Gas Charge	295 394	49.87 0.14	49.87 0.14	-	0.0% 0.0%
Total Delivery	354	114.99	116.15	1.16	1.0%
	1 1 1 1 1				11070
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	3	2.07	0.00	-2.07	-100.0%
Shared Tax Changes 2017	3 _	0.00	2.10	2.10	100.0%
Total Rate Riders		2.07	2.10	0.03	1.6%
Total Bill Impact		117.06	118.25	1.19	1.0%

H1.4 Rate 4 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 57 of 104 Filed: July 27, 2018

# Rate 4 Delivery Bill Impact Cumulative Compared to 2015

# Rate 4 - Annual

Average Annual Consumption					
Block 1 (First 1,000 m <sup>3</sup> per month)	12,177				
Block 2 (Over 1,000 m <sup>3</sup> per month)	12,681				
	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Customer	12	180.00	180.00		0.0%
Bloc < 1 (First 1,000 m <sup>3</sup> per month)	12,177	1,930.10	2,042.09	112.00	5.8%
Block 2 (Over 1,000 m <sup>3</sup> per month)	12,681	1,353.10	1,353.10	-	0.0%
System Gas Charge	24,858	9.02	9.02	-	0.0%
Total Delivery		3,472.22	3,584.22	112.00	3.2%
Rate Riders					
Rate Riders	Metric	2015 Rate	Proposed Rate	Change \$	Change %
Shared Tax Changes 2015	12	8.28	0.00	-8.28	-100.0%
Shared Tax Changes 2017	12	0.00	8.41	8.41	100.0%
Total Rate Riders		8.28	8.41	0.13	1.6%
Total Bill Impact		3,480.50	3,592.63	112.13	3.2%

H1.4 Rate 4 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 58 of 104 Filed: July 27, 2018

# Rate 5 Delivery Bill Impact Cumulative Compared to 2015

Interruptible Peaking Contract Rate		2015 Rate	Proposed Rate		
Customer Delivery - Firm System Gas Charge		150.00 7.1995 0.0363	150.00 7.4725 0.0363		
Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017		3.8100	2.5071		
Average Annual Consumption Delivery - Firm	146,697				
Customer Delivery - Firm System Gas Charge Total Delivery	Metric 12 146,697 146,697	Current Rate 1,800.00 10,561.45 53.25 12,414.70	Proposed Rate 1,800.00 10,961.89 53.25 12,815.14	Change \$ - 400.44 - 400.44	Change % 0.0% 3.8% 0.0% 3.2%
Rate Riders					
Rate Riders Shared Tax Changes 2015 Shared Tax Changes 2017 Total Rate Riders	Metric 12 12	Current Rate 45.72 0.00 <b>45.72</b>	Proposed Rate 0.00 30.09 30.09	Change \$ -45.72 30.09 -15.63	Change % -100.0% 100.0% -34.2%
Total Bill Impact		12,460.42	12,845.22	384.80	3.1%

H1.5 Rate 5 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 59 of 104 Filed: July 27, 2018

# Rate 6 Delivery Bill Impact Cumulative Compared to 2015

Special Large Volume Contract Rate		2015 Rate	Proposed Rate		
Customer Delivery - Firm Demand - Firm		150.00 3.8894 18.8392	150.00 4.0150 19.4469		
Rate Riders Sharəd Tax Changes 2015 Sharəd Tax Changes 2017		380.1300	363.2601		
Average Annual Consumption Delivery - Firm Demand - Firm	38,423,518 1.606,140				
Customer Delivery - Firm Demand - Firm Total Delivery	Metric 12 38,423,518 1,606,140	2015 Rate 1,800.00 1,494,444.31 302,583.93 1,798,828.24	Proposed Rate 1,800.00 1,542,705.67 312,343.77 1,856,849.44	Change \$ 0.00 48,261.36 9,759.84 58,021.20	Change % 0.0% 3.2% 3.2% 3.2%
Rate Riders					
Rate Riders Shared Tax Changes 2016 Shared Tax Changes 2017 Total Rate Riders	Metric 12 12	2015 Rate 4,561.56 0.00 <b>4,561.56</b>	Proposed Rate 0.00 4,359.12 4,359.12	Change \$ -4,561.56 4,359.12 -202.44	Change % -100.0% 100.0% -4.4%
Total Bill Impact		1,803,389.80	1,861,208.56	57,818.77	3.2%

H1.6 Rate 6 Cumul Impact

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 60 of 104 Filed: July 27, 2018

# Bill Impacts Summary - Breakdown of Cumulative Increases Compared to 2015 Rates

Rate Class	xed ange	(	Volumetric Change In 2016 IRM	Cř	lumetric nange in 017 IRM	T	Shared ax Rate Rider	CI	Total	Total Change %
Rate 1 - Residential	\$ _	\$	7.80	\$	7.00	-\$	0.21	\$	14.59	3.1%
Rate 1 - Commercial	\$	\$	32.42	\$	29.10	-\$	0.21	\$	61.31	3.6%
Rate 1 - Industrial	\$ -	\$	54.81	\$	49.18	-	0.21	\$	103.78	3.5%
Rate 2 - April to October	\$ _	\$	37.42	\$	33.58	\$	1.71	\$	72.72	3.8%
Rate 2 - November to March	\$ -	\$	3.35	\$	3.01	\$	1.22	\$	7.59	1.5%
Rate 2 - Annual	\$ -	\$	40.78	\$	36.59	\$	2.93	\$	80.31	3.3%
Rate 3 - Special Large Volume Contract Rate	\$ •	\$	346.99	\$	311.37	-\$	76.90	\$	581.47	2.8%
Rate 4 - April to December	\$ -	\$	58.42	\$	52.42	\$	0.10	\$	110.94	3.3%
Rate 4 - January to March	\$ -	\$	0.61	\$	0.55	\$	0.03	\$	1.19	1.0%
Rate 4 - Annual	\$ -	\$	59.03	\$	52.97	\$	0.13	\$	112.13	3.2%
Rate 5 - Interruptible Peaking Contract Rate	\$ -	\$	211.05	\$	189.39	-\$	15.63	\$	384.80	3.1%
Rate 6 - Special Large Volume Contract Rate	\$ -	\$	30,580.08	\$2	7,441.12	-\$	202.44	\$5	7,818.77	3.2%

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 61 of 104 Filed: July 27, 2018

# **Summary of Bill Impacts - 2016 IRM Application**

Rate Class	ixed ange		lumetric Change		ared Tax te Rider	CI	Total	Total Change
Rate 1 - Residential	\$ -	\$	7.80	-\$	0.21	\$	7.59	1.6%
Rate 1 - Commercial	\$ -	\$	32.42	-\$	0.21	\$	32.21	1.9%
Rate 1 - Industrial	\$ -	\$	54.81	-\$	0.21	\$	54.60	1.8%
Rate 2 - April to October	\$ -	\$	37.42	\$	1.71	\$	39.14	2.1%
Rate 2 - November to March	\$ -	\$	3.35	\$	1.22	\$	4.58	0.9%
Rate 2 - Annual	\$ -	\$	40.78	\$	2.93	\$	43.71	1.8%
Rate 3 - Special Large Volume Contract Rate	\$ -	\$	346.99	-\$	76.90	\$	270.09	1.3%
Rate 4 - April to December	\$ -	\$	58.42	\$	0.10	\$	58.52	1.7%
Rate 4 - January to March	\$ -	\$	0.61	\$	0.03	\$	0.64	0.6%
Rate 4 - Annual	\$ -	\$	59.03	\$	0.13	\$	59.16	1.7%
Rate 5 - Interruptible Peaking Contract Rate	\$ -	\$	211.05	-\$	15.63	\$	195.42	1.6%
Rate 6 - Special Large Volume Contract Rate	\$ -	\$3	0,580.08	-\$	202.44	\$3	0,377.64	1.7%

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 62 of 104 Filed: July 27, 2018

**Appendix B - Proposed Draft Rate Schedules** 

#### EPCOR NATURAL GAS LIMITED PARTNERSHIP

### RATE 1 - General Service Rate

### Rate Availability

The entire service area of the Company.

### **Eligibility**

All customers.

### Rate

a)	Monthly Fixed Charge	\$13.50
	Rate Rider for 2017-2018 Shared Tax Changes  – effective for 12 months ending September 30, 2018	\$0.1125
b)	Delivery Charge First 1,000 m <sup>3</sup> per month All over 1,000 m <sup>3</sup> per month	17.0136 cents per m <sup>3</sup> 11.2618 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EB-2018-0235

#### EPCOR NATURAL GAS LIMITED PARTNERSHIP

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

#### Rate Availability

The entire service area of the company.

#### **Eligibility**

All customers.

### Rate

For	all gas consumed from:	April 1 through October 31:	November1 through March 31:
a)	Monthly Fixed Charge	\$15.00	\$15.00
	Rate Rider for 2017-2018 Shared Tax Char – effective for 12 months ending Septembe		\$0.4844
b)	Delivery Charge First 1,000 m <sup>3</sup> per month Next 24,000 m <sup>3</sup> per month All over 25,000 m <sup>3</sup> per month	17.4607 cents per m <sup>3</sup> 9.4826 cents per m <sup>3</sup> 6.1698 cents per m <sup>3</sup>	22.0090 cents per m <sup>3</sup> 15.6960 cents per m <sup>3</sup> 15.2899 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	Gas Supply Charge and System Gas Refund	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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EB-2018-0235

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

### 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 \$150.00 for firm or interruptible customers; or A Monthly Customer Charge of \$175.00 for combined (firm and interruptible) customers.

Rate Rider for 2017-2018 Shared Tax Changes – effective for 12 months ending September 30, 2018

\$4.1219

- 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 4.5216 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>.
- d) Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge

3.33402 cents per m<sup>3</sup> 0.03414 cents per m<sup>3</sup>

e) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)

Schedule A

f) 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,

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 66 of 104

Filed: July 27, 2018

- (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, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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. The Cap and Trade Customer Related Charge and the Cap and Trade Facility Related Charge will continue to apply. 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

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235

Page 67 of 104 Filed: July 27, 2018

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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EB-2018-0235

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

### **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	all gas consumed from:	April 1 through December 31:	January1 through March 31:
a)	Monthly Fixed Charge	\$15.00	\$15.00
	Rate Rider for 2017-2018 Shared Tax Char-effective for 12 months ending September	_	\$0.7012
b)	Delivery Charge First 1,000 m <sup>3</sup> per month All over 1,000 m <sup>3</sup> per month	16.7326cents per m <sup>3</sup> 10.5218 cents per m <sup>3</sup>	21.3462 cents per m <sup>3</sup> 16.9052 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	Gas Supply Charge and System Gas Refun-	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 Dundled 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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EB-2018-0235

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

### **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

\$150.00

Rate Rider for 2017-2018 Shared Tax Changes

– effective for 12 months ending September 30, 2018

\$2.5071

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>.

c) Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge 3.33402 cents per m<sup>3</sup> 0.03414 cents per m<sup>3</sup>

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

Schedule A

e) 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.

EPCOR Natural Gas Limited Partnership\_ Exhibit B - 2017 IRM Application EB-2018-0235 Page 70 of 104

Filed: July 27, 2018

Any unauthorized overrun gas taken in any month shall be paid for at the Rate 1 Delivery Charge, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EB-2018-0235

## **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

# 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

- Bills will be rendered monthly and shall be the total of:
  - a) Monthly Customer Charge of \$150.00 for firm services

Rate Rider for 2017-2018 Shared Tax Changes
– effective for 12 months ending September 30, 2018

\$363,2601

- b) A Monthly Demand Charge:
  - A Monthly Demand Charge of 19.4469 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 4.0150 cents per m<sup>3</sup>,
  - (ii) A Monthly Interruptible Delivery Charge for all interruptible volumes to be negotiated between the company and IGPC not to exceed 10.9612 cents per m<sup>3</sup> and not to be less than 7.9412 cents per m<sup>3</sup>.
- d) Cap and Trade Facility Related Charge

0.03414 cents per m<sup>3</sup>

e) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)

Schedule A

f) 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,

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 72 of 104

Filed: July 27, 2018

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 and Cap and Trade Facility Related 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 and Cap and Trade Facility Related 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.
- 3. In each contract year, IGPC shall take delivery from the company, or in any event pay for it if available and not accepted by the IGPC, 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 m³ for firm gas and 5.4412 cents per m³ 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 IGPC 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. The Cap and Trade Facility Related Charge will continue to apply. Gas purchased under this clause will not contribute to the minimum volume.

## **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.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 73 of 104

Filed: July 27, 2018

## **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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 74 of 104

Filed: July 27, 2018

## EPCOR NATURAL GAS LIMITED PARTNERSHIP

# 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-2017-0293)	17.8266 cents per m <sup>3</sup>
GPRA Recovery Rate	(EB-2017-0293)	(0.0935) cents per m <sup>3</sup>
System Gas Fee	(EB-2010-0018)	0.0363 cents per m <sup>3</sup>
Total Gas Supply Charge		17.7694 cents per m <sup>3</sup>

### Note:

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

Effective: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 75 of 104 Filed: July 27, 2018

## **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

## **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: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 76 of 104

Filed: July 27, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

## **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 Transportation Rate

\$250/month \$0.95/mcf

Cap and Trade Facility Related Charge

0.03414 cents per m<sup>3</sup>

Effective: October 1, 2017

Implementation: All bills rendered on or after October 1, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

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

### Rate Availability

The entire service area of the Company.

## **Eligibility**

All customers.

### Rate

a)	Monthly Fixed Charge	\$13.50
	Rate Rider for 2017-2018 Shared Tax Changes  – effective for 12 months ending September 30, 2018	\$0.1125
b)	Delivery Charge First 1,000 m <sup>3</sup> per month All over 1,000 m <sup>3</sup> per month	17.0136 cents per m <sup>3</sup> 11.2618 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	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, 2018

Implementation: All bills rendered on or after October 1, 2018

Page 78 of 104 Filed: July 27, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

## RATE 2 - Seasonal Service

## Rate Availability

The entire service area of the company.

### **Eligibility**

All customers.

### Rate

For all gas consumed from:		April 1 through October 31:	November1 through March 31:
a)	Monthly Fixed Charge	\$15.00	\$15.00
	Rate Rider for 2017-2018 Shared Tax Char- effective for 12 months ending September	•	\$0.4844
b)	Delivery Charge First 1,000 m <sup>3</sup> per month Next 24,000 m <sup>3</sup> per month All over 25,000 m <sup>3</sup> per month	17.4607 cents per m <sup>3</sup> 9.4826 cents per m <sup>3</sup> 6.1698 cents per m <sup>3</sup>	22.0090 cents per m <sup>3</sup> 15.6960 cents per m <sup>3</sup> 15.2899 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	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, 2018

Implementation: All bills rendered on or after October 1, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

## 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

- Bills will be rendered monthly and shall be the total of:
  - a) A Monthly Customer Charge:
    - A Monthly Customer Charge of \$150.00 for firm or interruptible customers; or A Monthly Customer Charge of \$175.00 for combined (firm and interruptible) customers.

Rate Rider for 2017-2018 Shared Tax Changes
– effective for 12 months ending September 30, 2018

\$4,1219

- 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 4.5216 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>.
- d) Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge

3.33402 cents per m<sup>3</sup> 0.03414 cents per m<sup>3</sup>

e) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)

Schedule A

f) 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 custailment notice reducing the customer's take of gas, then,

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 80 of 104

Filed: July 27, 2018

- (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, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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. The Cap and Trade Customer Related Charge and the Cap and Trade Facility Related Charge will continue to apply. 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

EPCOR Natural Gas Limited Partnership... Exhibit B - 2017 IRM Application
EB-2018-0235
Page 81 of 104
Filed: July 27, 2018

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, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership .... Exhibit B - 2017 IRM Application EB-2018-0235 Page 82 of 104

Filed: July 27, 2018

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

## **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	all gas consumed from:	April 1 through December 31:	January1 through March 31:
a)	Monthly Fixed Charge	\$15.00	\$15.00
	Rate Rider for 2017-2018 Shared Tax Char-effective for 12 months ending September	0	\$0.7012
b)	Delivery Charge First 1,000 m <sup>3</sup> per month All over 1,000 m <sup>3</sup> per month	16.7326cents per m <sup>3</sup> 10.5218 cents per m <sup>3</sup>	21.3462 cents per m <sup>3</sup> 16.9052 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	Gas Supply Charge and System Gas Refun-	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, 2018

Implementation: All bills rendered on or after October 1, 2018

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

## 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

\$150.00

Rate Rider for 2017-2018 Shared Tax Changes

\$2.5071

- effective for 12 months ending September 30, 2018

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>.

c) Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge 3.33402 cents per m<sup>3</sup> 0.03414 cents per m<sup>3</sup>

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

Schedule A

e) 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.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235

Page 84 of 104

Filed: July 27, 2018

Any unauthorized overrun gas taken in any month shall be paid for at the Rate 1 Delivery Charge, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 85 of 104

Filed: July 27, 2018

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

## 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) Monthly Customer Charge of \$150.00 for firm services

Rate Rider for 2017-2018 Shared Tax Changes
– effective for 12 months ending September 30, 2018

\$363.2601

- b) A Monthly Demand Charge:
  - A Monthly Demand Charge of 19.4469 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 4.0150 cents per m<sup>3</sup>,
  - (ii) A Monthly Interruptible Delivery Charge for all interruptible volumes to be negotiated between the company and IGPC not to exceed 10.9612 cents per m<sup>3</sup> and not to be less than 7.9412 cents per m<sup>3</sup>.
- d) Cap and Trade Facility Related Charge

0.03414 cents per m<sup>3</sup>

e) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)

Schedule A

f) 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,

EPCOR Natural Gas Limited Partnership. Exhibit B - 2017 IRM Application EB-2018-0235 Page 86 of 104

Filed: July 27, 2018

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 and Cap and Trade Facility Related 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 and Cap and Trade Facility Related 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.
- 3. In each contract year, IGPC shall take delivery from the company, or in any event pay for it if available and not accepted by the IGPC, 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 m³ for firm gas and 5.4412 cents per m³ 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 IGPC 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. The Cap and Trade Facility Related Charge will continue to apply. Gas purchased under this clause will not contribute to the minimum volume.

## **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.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 87 of 104

Filed: July 27, 2018

## **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, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 88 of 104

Filed: July 27, 2018

# EPCOR NATURAL GAS LIMITED PARTNERSHIP

## **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-2017-0355 (Interim))	16.5860 cents per m <sup>3</sup>
GPRA Recovery Rate	(EB-2017-0355 (Interim))	0.1932 cents per m <sup>3</sup>
System Gas Fee	(EB-2010-0018)	0.0363 cents per m <sup>3</sup>
Total Gas Supply Charge		16.8155 cents per m <sup>3</sup>

### Note:

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

Effective: January 1, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership
Exhibit B - 2017 IRM Application
EB-2018-0235
Page 89 of 104
Filed: July 27, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

## 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, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 90 of 104 Filed: July 27, 2018

•

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

## **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 Transportation Rate

\$250/month

\$0.95/mcf

Cap and Trade Facility Related Charge

0.03414 cents per m<sup>3</sup>

Effective: January 1, 2018

Implementation: All bills rendered on or after October 1, 2018

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

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

### Rate Availability

The entire service area of the Company.

### **Eligibility**

All customers.

### Rate

a)	Monthly Fixed Charge	\$13.50
	Rate Rider for 2017-2018 Shared Tax Changes – effective for 12 months ending September 30, 2018	\$0.1125
b)	Delivery Charge First 1,000 m <sup>3</sup> per month All over 1,000 m <sup>3</sup> per month	17.0136 cents per m <sup>3</sup> 11.2618 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	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: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

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

## Rate Availability

The entire service area of the company.

### **Eligibility**

All customers.

### Rate

For all gas consumed from:		April 1 through October 31:	November1 through March 31:
a)	Monthly Fixed Charge	\$15.00	\$15.00
	Rate Rider for 2017-2018 Shared Tax Char – effective for 12 months ending Septembe	•	\$0.4844
b)	Delivery Charge First 1,000 m <sup>3</sup> per month Next 24,000 m <sup>3</sup> per month All over 25,000 m <sup>3</sup> per month	17.4607 cents per m <sup>3</sup> 9.4826 cents per m <sup>3</sup> 6.1698 cents per m <sup>3</sup>	22.0090 cents per m <sup>3</sup> 15.6960 cents per m <sup>3</sup> 15.2899 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	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: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

### 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

- Bills will be rendered monthly and shall be the total of:
  - a) A Monthly Customer Charge:
    - A Monthly Customer Charge of \$150.00 for firm or interruptible customers; or A Monthly Customer Charge of \$175.00 for combined (firm and interruptible) customers.

Rate Rider for 2017-2018 Shared Tax Changes – effective for 12 months ending September 30, 2018

\$4.1219

- 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 4.5216 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>.
- d) Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge

3.33402 cents per m<sup>3</sup> 0.03414 cents per m<sup>3</sup>

e) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)

Schedule A

f) 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 oustomer 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,

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 94 of 104

Filed: July 27, 2018

- (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, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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. The Cap and Trade Customer Related Charge and the Cap and Trade Facility Related Charge will continue to apply. 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

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 95 of 104

Filed: July 27, 2018

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: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

## **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	\$15.00	\$15.00
	Rate Rider for 2017-2018 Shared Tax Chan – effective for 12 months ending September		\$0.7012
b)	Delivery Charge First 1,000 m <sup>3</sup> per month All over 1,000 m <sup>3</sup> per month	16.7326cents per m <sup>3</sup> 10.5218 cents per m <sup>3</sup>	21.3462 cents per m <sup>3</sup> 16.9052 cents per m <sup>3</sup>
c)	Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>	3.33402 cents per m <sup>3</sup> 0.03414 cents per m <sup>3</sup>
d)	Gas Supply Charge and System Gas Refun	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, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 97 of 104

Filed: July 27, 2018

### EPCOR NATURAL GAS LIMITED PARTNERSHIP

## **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

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

a) Monthly Fixed Charge

\$150.00

Rate Rider for 2017-2018 Shared Tax Changes

- effective for 12 months ending September 30, 2018

\$2,5071

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>.

c) Cap and Trade Customer Related Charge Cap and Trade Facility Related Charge 3.33402 cents per m<sup>3</sup> 0.03414 cents per m<sup>3</sup>

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

Schedule A

e) 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.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235

Page 98 of 104

Filed: July 27, 2018

Any unauthorized overrun gas taken in any month shall be paid for at the Rate 1 Delivery Charge, the Cap and Trade Customer Related Charge and the Cap and Trade Facility Related 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: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 99 of 104

Filed: July 27, 2018

### **EPCOR NATURAL GAS LIMITED PARTNERSHIP**

## 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) Monthly Customer Charge of \$150.00 for firm services

Rate Rider for 2017-2018 Shared Tax Changes

- effective for 12 months ending September 30, 2018

\$363,2601

- b) A Monthly Demand Charge:
  - A Monthly Demand Charge of 19.4469 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 4.0150 cents per m<sup>3</sup>,
  - (ii) A Monthly Interruptible Delivery Charge for all interruptible volumes to be negotiated between the company and IGPC not to exceed 10.9612 cents per m<sup>3</sup> and not to be less than 7.9412 cents per m<sup>3</sup>.
- d) Cap and Trade Facility Related Charge

0.03414 cents per m<sup>3</sup>

e) Gas Supply Charge and System Gas Refund Rate Rider (if applicable)

Schedule A

f) 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,

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 100 of 104

Filed: July 27, 2018

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 and Cap and Trade Facility Related 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 and Cap and Trade Facility Related 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.
- 3. In each contract year, IGPC shall take delivery from the company, or in any event pay for it if available and not accepted by the IGPC, 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 IGPC 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. The Cap and Trade Facility Related Charge will continue to apply. Gas purchased under this clause will not contribute to the minimum volume.

## **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.

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 101 of 104 Filed: July 27, 2018

# **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: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 102 of 104

Filed: July 27, 2018

## EPCOR NATURAL GAS LIMITED PARTNERSHIP

## **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-2018-0120 (Interim))	14.6120 cents per m <sup>3</sup>
GPRA Recovery Rate	(EB-2018-0120 (Interim))	0.6355 cents per m <sup>3</sup>
System Gas Fee	(EB-2010-0018)	0.0363 cents per m <sup>3</sup>
Total Gas Supply Charge		15.2838 cents per m <sup>3</sup>

### Note:

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

Effective: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 103 of 104

Filed: July 27, 2018

## EPCOR NATURAL GAS LIMITED PARTNERSHIP

## 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: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018

EPCOR Natural Gas Limited Partnership Exhibit B - 2017 IRM Application EB-2018-0235 Page 104 of 104 Filed: July 27, 2018

# EPCOR NATURAL GAS LIMITED PARTNERSHIP

## **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

Cap and Trade Facility Related Charge

0.03414 cents per m<sup>3</sup>

Effective: April 1, 2018

Implementation: All bills rendered on or after October 1, 2018