

EPCOR Natural Gas Limited Partnership

Cost of Service Application

EB-2024-0130

July 18, 2024

Exhibit 9 – Deferral & Variance Accounts

PROVIDING MORE





Contents

9.0	Deferral & Variance Accounts.....	3
9.1	Disposition of Deferral and Variance Accounts.....	6
9.1.1	Purchased Gas Transportation Variance Account	7
9.1.2	Unaccounted For Gas	9
9.1.3	Accounts Not Being Requested for Disposition	10
9.2	Establishment of New Deferral and Variance Accounts	11
9.3	Z-Factor	11
	Schedule 2 – DVA Audit.....	13



1 **9.0 Deferral & Variance Accounts**

2
3 Exhibit 9 provides a description of all deferral and variance accounts currently established for use
4 by ENGLP. It also outlines ENGLP's proposal with respect to: (a) the continuance or
5 discontinuance and closure of the account; (b) the balances being brought forward for disposal in
6 this Application; and (c) any new deferral or variance accounts to be established for use during
7 the five-year period covered by this Application. In addition, ENGLP's proposal to include a
8 Z-factor adjustment in its Price Cap IR Plan is covered in Section 9.3 of this Exhibit.

9 Table 9.0 1 below summarizes ENGLP's proposals with respect to deferral and variance accounts
10 in this Application.

11
12 Note the accounts 'excluded from this application' include deferral accounts which are part of
13 other ENGLP regular filings (Federal Carbon Charge Pricing Program and Quarterly Rate
14 Adjustment Mechanism), and as such, are not included in this filing.

15
16 A supporting excel workbook accompanies this Exhibit which includes the detailed continuity
17 schedule for the accounts requested for disposition along with calculations of the proposed rate
18 riders : ENGLP_EB-2024-0130_DVA Continuity Schedule.

19
20 A third party audit report has also been included as an Appendix.



1
 2
 3

**Table 9.0-1
 Summary of Deferral and Variance Account Proposals**

Account	Short Name	Dec 31, 2023 Balance (incl. carrying charges to Dec 2024)	Disposition Proposal	Status	Previous Disposition Year
Current Accounts					
Unaccounted For Gas Variance Account	UFGVA	\$527,094	Disposition	Continuance	N/A
Regulatory Expense Deferral Account	REDA	\$322	No	Continuance	2022
Purchased Gas Transportation Variance Account Rates 1-5	PGTVA	\$217,382	Disposition	Continuance	2022
Approved Deferral/Variance Disposal Account	ADVADA	\$230,539	No	Continuance	2022
Earnings Share Mechanism Deferral Account	ESMDA	\$0	N/A	Continuance	N/A
Transportation Service Charge Deferral Account	TSCDA	\$0	N/A	Continuance	N/A
Accelerated CCA Income Taxes Variance Account	ACITVA	\$0	N/A	Continuance	N/A
LEAP EFA Funding Deferral Account	LEAPDA	\$0	N/A	Continuance	N/A
Cloud Computing DVA	CLOUDVA	\$0	N/A	Continuance	N/A
Getting Ontario Connected Act Variance Account	LOCATEVA	\$0	N/A	Continuance	N/A
Accounts to be Closed					
Loss on Disposal of Meters Deferral Account	LDMDA	\$0	N/A	Closed	2021
2016-2017 System Integrity Capital Projects Deferral Account	SICDA	\$0	N/A	Closed	2021
Excluded From This Application					
Customer Carbon Charge Variance Account	CCCVA	N/A	N/A	Continuance	
Facility Carbon Charge Variance Account	FCCVA	N/A	N/A	Continuance	
Greenhouse Gas Emissions Administration Deferral Account:	GGEADA	N/A	N/A	Continuance	
Purchased Gas Commodity Variance Account	PGCVA	N/A	N/A	Continuance	
Gas Purchase Rebalancing Account	GPRA	N/A	N/A	Continuance	

4



1 ENGLP is proposing the following deferral and variance accounts be closed and discontinued
2 from use:

- 3 • Loss of Disposal of Meters Deferral Account (“**LDMDA**”); and
- 4 • System Integrity Capital Deferral Account (“**SICDA**”).

5

6 Loss of Disposal of Meters Deferral Account

7 The LDMDA was established to record the loss on the disposal of residential meters resulting
8 from the change in useful life in 2020 along with a change in depreciation rates for these meters.
9 This resulted in an approved disposition of deferral account a debit of \$154,518, including interest
10 as of December 31, 2021 (EB-2021-0215).

11 As this deferral account was created for a specific cost recovery, which has since been approved
12 for disposition, this account is no longer required.

13 2016-2017 System Integrity Capital Deferral Account

14 The SICDA was created in order to record the revenue requirement associated with the 2020 net
15 book value of four capital projects in 2016 and 2017, which addressed specified system integrity
16 issues, namely the Bradley Station project, Bradley to Wilson pipeline project, Putnam to Colloden
17 pipeline project and the Springwater Road pipeline project. The OEB had approved all of these
18 projects at various times with the total amount recorded in the account effective December 31,
19 2021, to be a debit of \$67,829, but as the values were not currently included in ENGLP’s rate
20 base, a deferral account was used to capture the resulting revenue requirement. This resulted in
21 an approved disposition of deferral account a debit of \$67,829 including interest as of December
22 31, 2021 (EB-2021-0215) after which the remaining NBV’s were added to ENGLP’s rate base
23 through a recalculation of distribution rates.

24 This account is no longer required since this deferral account was created for a specific cost
25 recovery of amounts excluded from the rate base.

26



1 ENGLP confirms that the interest rates established by the OEB were used to calculate the carrying
2 charges for each deferral and variance account, where carrying charges apply.

3 ENGLP has not made any adjustments to deferral and variance account balances that were
4 previously approved by the OEB on a final basis.

5
6 **9.1 Disposition of Deferral and Variance Accounts**

7
8 The following section provides an overview of each deferral account included in the request for
9 disposition along with the allocation and recovery methodologies.

10 The balances proposed for disposition are consistent with the account balances reported in the
11 RRR and the relevant year’s audited financial statements and if not, provide explanations for
12 variances.

13 ENGLP is requesting to dispose of the December 31, 2023 audited balances for following four
14 approved deferral and variance accounts as part of this Application:

- 15 • Purchased Gas Transportation Variance Account (“**PGTVA**”); and,
- 16 • Unaccounted For Gas Variance Account (“**UFGVA**”).

17
18 Carrying charges for 2024 are calculated using OEB prescribed rates for Q1/Q2 and forecasted
19 for Q3/Q4 using the Q2 rate as a proxy¹. ENGLP proposes to update the carrying charges if
20 changes occur during the course of the hearing:

Carrying Charges 2024	Rate
Q1 Actual	5.49%
Q2 Actual	5.49%
Q3 Forecast	5.49%
Q4 Forecast	<u>5.49%</u>
2024	5.49%

21
22

¹ <https://www.oeb.ca/regulatory-rules-and-documents/rules-codes-and-requirements/prescribed-interest-rates>



1 **9.1.1 Purchased Gas Transportation Variance Account**

2 The purpose of the PGTVA is to record differences between the average forecasted transportation
 3 costs per m³ included in ENGLP’s approved rates for recovery from customers via the PGTVA
 4 reference price in Rate Classes 1 through 5, and the actual transportation costs per m³ incurred
 5 by ENGLP under its M9 and Bundled T contracts with Enbridge Gas for the volumes required to
 6 serve the customers in these rate classes. As the transportation costs are a flow-through to
 7 customers, this deferral account is to ensure that ratepayers pay the actual cost of transportation
 8 and that the utility does not incur a profit or loss on these costs. The PGTVA was established for
 9 use by the utility prior to ENGLP’s ownership of the utility and the continuation of the account for
 10 use through to the end of 2024 was approved in the late rate filing (EB-2018-0336).

11 ENGLP is proposing in this Application to dispose of the PGTVA balances as of December 31,
 12 2023 and all associated carrying charges recorded up to the date of implementation of the
 13 proposed rate rider. The calculation of the projected total amount proposed for disposal is
 14 summarized in table 9.1.1-1 below and further details of these balances are provided in the
 15 ENGLP_EB-2024-0130_Continuity Schedule attachment.

16 **Table 9.1.1-1 - Projected Total PGTVA Amount for Disposal**

	2023 Balance	2024 Carrying Charges	2024 Balance
Principal	\$200,589		\$200,589
Carrying Charges	<u>\$5,781</u>	<u>\$11,012</u>	<u>\$16,793</u>
Total	\$206,370	\$11,012	\$217,382

17
 18 The total projected disposition amount is a debit balance of \$217,382, which ENGLP is proposing
 19 to recover from the customers in Rate Classes 1-5 through the implementation of a 12-month
 20 volumetric rate rider commencing on January 1, 2025.

21

22



1 **Balance Allocation:**

2 ENGLP is proposed to allocate the balance of PGTVA based on historical actuals from the period
 3 when the balance was accumulated (2023). This is consistent with the approach in historical IRM
 4 filings (EB-2023-0160 and EB-2022-0183 etc..). Table 9.1.1-2 shows the allocation calculations.

5 **Table 9.1.1-2 – Allocation of PGTVA Balance**

	Unit	Sum	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
Volume	000's m ³	31,716	26,304	869	1,336	2,227	980
Allocation	%	100%	83%	3%	4%	7%	3%
Sum	\$	\$217,382	\$180,286	\$5,957	\$9,154	\$15,266	\$6,718

6
 7 **Balance Recovery:**

8 ENGLP is proposed to recover the balance of PGTVA through a volumetric rate rider calculated
 9 using the data from the 2025 load forecast used elsewhere in this application. Table 9.1.1-3 shows
 10 the rate rider calculation.

11 **Table 9.1.1-3 – PGTVA Rate Rider Calculation**

	Unit	Sum	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
Volume	000's m ³	36,391	28,659	832	3,918	2,335	648
Allocation	%	100%	83%	3%	4%	7%	3%
Total	\$	\$217,382	\$180,286	\$5,957	\$9,154	\$15,266	\$6,718
Rate Rider	¢/m³		0.6291	0.7158	0.2336	0.6539	1.0374

12
 13 **PGTVA 2025 and Proposed Changes to Accounting Order.**

14 As referenced in Exhibits 1, and 8, ENGLP is proposing a stand-alone transportation rate as part
 15 of this Application, in a manner consistent with an electricity transmission rate. This rate is based
 16 on the historical costs incurred by ENGLP for transportation costs with the PGTVA capturing the
 17 variances in costs and amounts collected from customers. A draft revised accounting order for
 18 the PGTVA 1-5 account reflecting this change has been included in Exhibit 1.3.19.

19



1 **9.1.2 Unaccounted For Gas**

2
 3 The Unaccounted For Gas Variance Account (“UFGVA”) is to record the cost of gas for EPCOR
 4 Natural Gas Limited Partnership’s Aylmer operations for Rates 1-5 that is associated with
 5 volumetric variances between the actual volume of Unaccounted for Gas (“UFG”) and the OEB-
 6 approved UFG forecast included in the determination of rates.

7 ENGLP is proposing in this Application to dispose of the UFGVA balances as of December 31,
 8 2023 and all associated carrying charges recorded up to the date of implementation of the
 9 proposed rate rider. The calculation of the projected total amount proposed for disposal is
 10 summarized in table 9.1.2-1 below and further details of these balances are provided in the
 11 ENGLP_EB-2024-0130_Continuity Schedule attachment.

12 **Table 9.1.2-1 - Projected Total UFGVA Amount for Disposal**

	2023 Balance	2024 Carrying Charges	2024 Balance
Principal	\$446,516		\$446,516
Carrying Charges	<u>\$28,032</u>	<u>\$52,546</u>	<u>\$80,578</u>
Total	\$474,548	\$52,546	\$527,094

13
 14 The total projected disposition amount is a debit balance of \$527,094 which ENGLP is proposing
 15 to recover from the customers in Rate Classes 1-5 through the implementation of a 12-month
 16 volumetric rate rider commencing on January 1, 2025.

17 **Balance Allocation:**

18 ENGLP is proposed to allocate the balance of UFGVA based on historical actuals from the period
 19 when the balance was accumulated (2020, 2022 & 2023). Table 9.1.1-2 shows the allocation
 20 calculations. Note 2021 has been excluded as it has not met the materiality threshold.

21 **Table 9.1.2-2 – Allocation of PGTVVA Balance**

	Unit	Sum	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
Volume	000's m ³	91,763	77,538	2,493	4,249	5,363	2,121
Allocation	%	100%	84%	3%	5%	6%	2%
Sum	\$	\$527,094	\$445,383	\$14,319	\$24,405	\$30,806	\$12,181



1 **Balance Recovery:**

2 ENGLP is proposed to recover the balance of UFGVA through a volumetric rate rider calculated
 3 using the data from the 2025 load forecast used elsewhere in this application. Table 9.1.2-3 shows
 4 the rate rider calculation.

5 **Table 9.1.2-3 – PGTVA Rate Rider Calculation**

	Unit	Sum	Rate 1	Rate 2	Rate 3	Rate 4	Rate 5
Volume	000's m ³	36,391	28,659	832	3,918	2,335	648
Allocation	%	100%	84%	3%	5%	6%	2%
Total	\$	\$527,094	\$445,383	\$14,319	\$24,405	\$30,806	\$12,181
Rate Rider	¢/m³		1.5541	1.7205	0.6229	1.3195	1.8809

6

7 **9.1.3 Accounts Not Being Requested for Disposition**

8 ENGLP is not requesting disposal of the following deferral accounts:

9

- 10 • Regulatory Expense Deferral Account (“**REDA**”) - Balance was not material; and,
- 11 • Approved Deferral/Variance Disposal Account (“**ADVADA**”) – No account vintages have
- 12 qualified for disposition in this filing, consistent with the methodology used for USoA
- 13 account 1595.

14

15



1 **9.2 Establishment of New Deferral and Variance Accounts**

2
3 ENGLP is not proposing the establishment of any new deferral and variance accounts as part of
4 this application.

5

6

7 **9.3 Z-Factor**

8

9 As further described in Exhibit 10, ENGLP is proposing the continuance of an inclusion for a
10 Z-factor adjustment in its Price Cap IR Plan for the Aylmer business unit to address material cost
11 increases or decreases associated with unforeseen events that are outside the control of
12 management over the Price Cap IR Term. ENGLP proposes to continue to use the \$50,000 event
13 cost materiality threshold previously approved by the Board. The process for Z-factor claims under
14 ENGLP's Price Cap IR Plan for its Aylmer operations would remain as follows:

15 • ENGLP will notify the OEB of any Z-factor events within six months of the occurrence of
16 the event. At such time, ENGLP will request the establishment of a deferral account to
17 record the costs related to the Z-factor event;

18 • ENGLP will record amounts sought to be claimed as a Z-factor in the deferral account
19 established for the event;

20 • Monthly carrying charges will be recorded on the deferral account balance (calculated
21 using simple interest applied to the monthly opening balances in the account and recorded
22 in a separate sub-account of the deferral account). The rate of interest will be the OEB-
23 prescribed rate for deferral and variance accounts for the respective quarterly period as
24 published on the OEB's website; and

25 • As part of a subsequent Price Cap IR Application, ENGLP will apply to the OEB for recovery
26 of amounts recorded in the Z-factor deferral account. The application will outline the
27 manner proposed to allocate the Z-factor amount to the various rate classes, the proposed
28 disposition period, and the rationale for the selected approach. The Application will also
29 provide details on the calculated event cost and include evidence that the costs incurred
30 meets the four eligibility criteria outlined in Section 10.4 of Exhibit 10, Tab 1, Schedule 1.



- 1 Any deferral accounts required to record amounts related to Z-factor events that arise during the
- 2 period covered by this Application will be requested in conjunction with providing notice to the
- 3 OEB of occurrence of the event as described in the proposed process for Z-factor claims outlined
- 4 above.



Schedule 2 – DVA Audit



Tel: 705 726 6331
Fax: 705 722 6588
www.bdo.ca

BDO Canada LLP
300 Lakeshore Drive, Suite 300
Barrie, ON L4N 0B4
Canada

Agreed-Upon Procedures Report

To the Management of EPCOR Natural Gas Limited Partnership:

Purpose of this Agreed-Upon Procedures Report

Our report is solely for the purpose of assisting EPCOR Natural Gas Limited Partnership (the “Entity”) in assessing the deferral accounts of the Aylmer operations in the PGTVA Rates 1-5 and UFGVA Schedules to comply with the requirements of the Ontario Energy Board (OEB) for the period from January 1, 2023 to December 31, 2023 and January 1, 2020 to December 31, 2023 respectively, and may not be suitable for another purpose.

Management’s Responsibilities

Management has acknowledged that the agreed-upon procedures are appropriate for the purpose of the engagement. Management is responsible for the subject matter on which the agreed-upon procedures are performed.

Practitioner's Responsibilities

We have conducted the agreed-upon procedures engagement in accordance with the Canadian Standard on Related Services (CSRS) 4400, Agreed-Upon Procedures Engagements. An agreed-upon procedures engagement involves our performing the procedures that have been agreed with the Entity, and reporting the findings, which are the factual results of the agreed-upon procedures performed. We make no representation regarding the appropriateness of the agreed-upon procedures.

This agreed-upon procedures engagement is not an assurance engagement. Accordingly, we do not express an opinion or an assurance conclusion.

Had we performed additional procedures, other matters might have come to our attention that would have been reported.

Professional Ethics

We have complied with the relevant ethical and independence requirements set out in rules of professional conduct / code of ethics in Canada.

Procedures and Findings

We have performed the procedures described in Appendix A, on the deferral accounts as at December 31, 2023, which were agreed upon with the Entity. As a result of performing these procedures, we found no exceptions.

Barrie, Canada
June 28, 2024

BDO Canada LLP
Chartered Professional Accountants
Licensed Public Accountants



APPENDIX A

1. We obtained the schedule of deferral activity for PGTVA 1-5 from January 1, 2023 to December 31, 2023 and UFGVA from January 1, 2020 to December 31, 2023 and recalculated the schedules to ensure their mathematical accuracy.
2. For the PGTVA 1-5, we verified the total transportation costs for selected months and the volumes transported with the corresponding invoices. We also verified the reference price to the specific OEB filing for the entire period and the monthly interest rate on deferred charges to the OEB prescribed interest rates.
3. For the UFGVA, we verified the purchase volumes for selected months and the billing volumes for the corresponding months. We also verified the reference price to the specific OEB filing for the entire period and the monthly interest rate on deferred charges to the OEB prescribed interest rates.

EPCOR Natural Gas Limited Partnership
Purchased Gas Transportation Variance Account Calculation
Rates 1-5 2023 Activity

	2023 JAN	2023 FEB	2023 MAR	2023 APR	2023 MAY	2023 JUN	2023 JUL	2023 AUG	2023 SEP	2023 OCT	2023 NOV	2023 DEC	2024 Jan-Dec
PGTVA - 2023													
Transportation Cost													
Enbridge/Union Gas - Delivery	\$ 39,741	\$ 13,714	\$ 13,637	\$ 4,482	\$ 1,931	\$ 574	\$ 573	\$ 728	\$ 745	\$ 4,163	\$ 14,695	\$ 8,990	
Enbridge/Union Gas - Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Enbridge/Union Gas - Demand	60,391	60,391	60,391	60,391	60,391	60,391	60,391	60,391	60,391	60,391	60,391	60,391	60,391
Lagasco - Demand	8,352	8,352	8,352	8,342	8,342	8,585	8,342	8,342	8,543	8,342	8,689	8,710	
Lagasco - Delivery	4,041	3,662	3,750	1,865	1,652	1,395	1,024	1,442	1,653	1,710	2,684	2,283	
Total Cost (A)	\$ 112,526	\$ 86,119	\$ 86,130	\$ 75,080	\$ 72,316	\$ 70,946	\$ 70,330	\$ 70,903	\$ 71,333	\$ 74,607	\$ 86,459	\$ 80,374	
Volumes Transported (m3) (B)	4,282,230	3,983,099	3,989,375	2,266,247	1,285,332	729,721	731,710	1,000,617	1,051,738	2,361,963	6,092,014	4,114,921	
Average Cost (\$/m3) (A/B) = C	\$ 0.026277	\$ 0.021621	\$ 0.021590	\$ 0.033130	\$ 0.056262	\$ 0.097223	\$ 0.096117	\$ 0.070859	\$ 0.067824	\$ 0.031587	\$ 0.014192	\$ 0.019532	
Reference Price - 2023 (EB-2018-0336) (D)	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	\$ 0.023724	
Rate Difference (C-D) = (E)	\$ 0.002553	\$ -0.002103	\$ -0.002134	\$ 0.009406	\$ 0.032538	\$ 0.073499	\$ 0.072393	\$ 0.047135	\$ 0.044100	\$ 0.007863	\$ -0.009532	\$ 0.004192	
Monthly Variance (B x E)	\$ 10,934	\$ -8,376	\$ 8,513	\$ 21,316	\$ 41,823	\$ 53,634	\$ 52,971	\$ 47,164	\$ 46,381	\$ 18,572	\$ -58,068	\$ 17,248	
Opening PGTVA Balance	\$ -	\$ 10,934	\$ 2,558	\$ 5,955	\$ 15,360	\$ 57,183	\$ 110,817	\$ 163,787	\$ 210,952	\$ 257,333	\$ 275,905	\$ 217,837	
Change in PGTVA Balance	10,934	-8,376	8,513	21,316	41,823	53,634	52,971	47,164	46,381	18,572	-58,068	17,248	
Closing PGTVA Balance	\$ 10,934	\$ 2,558	\$ 5,955	\$ 15,360	\$ 57,183	\$ 110,817	\$ 163,787	\$ 210,952	\$ 257,333	\$ 275,905	\$ 217,837	\$ 200,589	
PGTVA Interest													
Monthly Interest Rate	4.73%	4.73%	4.73%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%	5.49%	5.49%	5.49%	5.49%
Opening Interest Balance	\$ -	\$ -	\$ 43	\$ 53	\$ 28	\$ 92	\$ 330	\$ 789	\$ 1,469	\$ 2,345	\$ 3,522	\$ 4,784	\$ 5,781
Monthly Interest Calculation	-	43	10	25	64	237	460	680	875	1,177	1,262	1,177	1,102
Closing Interest Balance	-	43	53	28	92	330	789	1,469	2,345	3,522	4,784	5,781	16,793
PGTVA - 2022													
Opening PGTVA Balance	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179
Change in PGTVA	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing PGTVA Balance	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	\$ 237,179	(4)
PGTVA Interest													
Monthly Interest Rate	4.73%	4.73%	4.73%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%
Opening Interest Balance	\$ 3,443	\$ 4,378	\$ 5,313	\$ 6,248	\$ 7,232	\$ 8,216	\$ 9,201	\$ 10,185	\$ 11,169	\$ 12,153	\$ 13,138	\$ 14,122	\$ 15,106
Interest calculation	935	935	935	984	984	984	984	984	984	984	984	984	984
Closing Interest Balance	\$ 4,378	\$ 5,313	\$ 6,248	\$ 7,232	\$ 8,216	\$ 9,201	\$ 10,185	\$ 11,169	\$ 12,153	\$ 13,138	\$ 14,122	\$ 15,106	(4)
PGTVA - 2021													
Opening PGTVA Balance	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249
Change in PGTVA	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing PGTVA Balance	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	\$ 125,249	(3)
PGTVA Interest													
Monthly Interest Rate	0.57%	0.57%	0.57%	1.02%	1.02%	1.02%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%
Opening Interest Balance	\$ 227	\$ 286	\$ 346	\$ 405	\$ 512	\$ 618	\$ 725	\$ 832	\$ 939	\$ 1,046	\$ 1,153	\$ 1,260	\$ 1,367
Interest calculation	59	59	59	106	106	106	230	230	230	230	230	230	230
Closing Interest Balance	\$ 286	\$ 346	\$ 405	\$ 512	\$ 618	\$ 725	\$ 832	\$ 939	\$ 1,046	\$ 1,153	\$ 1,260	\$ 1,367	(3)
PGTVA - 2020													
Opening PGTVA Balance	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078
Change in PGTVA	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing PGTVA Balance	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	\$ 91,078	(2)
PGTVA Interest													
Monthly Interest Rate	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Opening Interest Balance	\$ (221)	\$ (177)	\$ (134)	\$ (91)	\$ (48)	\$ (4)	\$ 39	\$ 82	\$ 125	\$ 169	\$ 212	\$ 255	\$ 298
Interest calculation	43	43	43	43	43	43	43	43	43	43	43	43	43
Closing Interest Balance	\$ (177)	\$ (134)	\$ (91)	\$ (48)	\$ (4)	\$ 39	\$ 82	\$ 125	\$ 169	\$ 212	\$ 255	\$ 298	(2)
PGTVA - 2019													
Opening PGTVA Balance	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183
Change in PGTVA	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing PGTVA Balance	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	\$ 96,183	(1)
PGTVA Interest													
Monthly Interest Rate	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Opening Interest Balance	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023
Interest calculation	-	-	-	-	-	-	-	-	-	-	-	-	-
Closing Interest Balance	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	\$ 2,023	(1)

(1) - Variance balance approved for disposition in EB-2020-0234
(2) - Variance balance approved for disposition in EB-2021-0215
(3) - Variance balance approved for disposition in EB-2022-0183
(4) - Variance balance approved for disposition in EB-2023-0160

EPCOR Natural Gas Limited Partnership - Aylmer
 Unaccounted for Gas Variance Account Calculation
 2020-2023 Activity

	2020 JAN	2020 FEB	2020 MAR	2020 APR	2020 MAY	2020 JUN	2020 JUL	2020 AUG	2020 SEP	2020 OCT	2020 NOV	2020 DEC	2021 JAN	2021 FEB	2021 MAR	2021 APR	2021 MAY	2021 JUN	2021 JUL	2021 AUG	2021 SEP	2021 OCT	2021 NOV	2021 DEC
Purchase Volumes:																								
SA1550 volumes	3,704,418	3,735,720	2,895,343	2,217,476	1,298,750	544,360	504,479	603,347	760,647	2,494,806	3,227,599	3,635,245	3,979,666	4,124,950	2,895,842	1,827,327	1,215,446	530,617	540,513	706,004	867,782	2,216,538	3,938,963	3,460,888
Lagasco Wells																								
Lagasco Lake																								
Walker RNG																								
SA25050 volumes	404,869	344,442	283,470	238,227	129,406	59,148	59,644	94,054	213,634	210,202	776,923	320,184	374,634	374,182	276,356	208,154	116,742	59,842	74,044	142,233	226,050	352,639	973,287	394,410
Total Purchases (A)	4,109,287	4,080,162	3,178,813	2,455,703	1,428,157	603,508	564,123	697,401	974,281	2,705,007	4,004,522	3,955,429	4,354,300	4,499,132	3,172,198	2,035,482	1,332,188	590,458	614,557	848,238	1,093,832	2,569,177	4,912,250	3,855,298
Calendarized billing volume (B)	4,073,185	3,746,061	3,198,284	2,428,182	1,516,711	722,032	680,733	784,670	1,129,282	2,930,116	3,476,802	3,629,584	4,496,864	3,916,680	3,097,116	2,039,426	1,422,818	742,138	704,650	825,367	1,071,472	2,816,019	4,275,033	4,334,830
Volume difference (A - B = C)	36,102	334,101	(19,471)	27,521	(88,555)	(118,525)	(116,610)	(87,270)	(155,002)	(225,108)	527,720	325,845	(142,564)	582,452	75,082	(3,944)	(90,630)	(151,680)	(90,094)	22,871	22,360	(246,842)	637,217	(479,532)
PGCVA Reference price (per OEB Decisions) (D)	0.1352	0.1352	0.1352	0.1227	0.1227	0.1227	0.1222	0.1222	0.1222	0.1282	0.1282	0.1282	0.1332	0.1332	0.1332	0.1357	0.1357	0.1357	0.1306	0.1306	0.1306	0.1689	0.1689	0.1689
Unit Difference (C * D = E)	4.881	45.167	(2.632)	3.378	(10.869)	(14.548)	(14.247)	(10.662)	(18.938)	(28.861)	67.658	41.776	(18.994)	77.603	10.003	(5.35)	(12.296)	(20.579)	(11.767)	2.987	2.920	(41.693)	107.630	(80.996)
Opening UFG Balance	-	4.881	50.047	47.415	50.793	39.924	25.376	11.128	466	(18.472)	(47.333)	20.326	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102
Change in UFG Balance (E)	4.881	45.167	(2.632)	3.378	(10.869)	(14.548)	(14.247)	(10.662)	(18.938)	(28.861)	67.658	41.776												
Closing UFG Balance	4.881	50.047	47.415	50.793	39.924	25.376	11.128	466	(18.472)	(47.333)	20.326	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102	62.102
UFG Interest																								
Monthly Interest Rate	2.18%	2.18%	2.18%	2.18%	2.18%	2.18%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Opening Interest Balance	-	-	9	100	186	278	351	363	368	368	360	337	347	376	406	435	465	494	524	553	583	612	642	671
Monthly Interest Calculation	-	9	91	86	92	73	12	5	0	(9)	(22)	10	29	29	29	29	29	29	29	29	29	29	29	29
Closing Interest Balance	-	9	100	186	278	351	363	368	368	360	337	347	376	406	435	465	494	524	553	583	612	642	671	701

2022 JAN	2022 FEB	2022 MAR	2022 APR	2022 MAY	2022 JUN	2022 JUL	2022 AUG	2022 SEP	2022 OCT	2022 NOV	2022 DEC	2023 JAN	2023 FEB	2023 MAR	2023 APR	2023 MAY	2023 JUN	2023 JUL	2023 AUG	2023 SEP	2023 OCT	2023 NOV	2023 DEC	2024 Jan-Dec
3,832,858	3,143,880	2,617,347	1,474,996	346,164	1,212	22,088	35,077	237,956	1,635,950	2,631,958	3,055,328	2,936,871	2,735,605	2,684,897	1,309,753	498,257	115,231	93,510	78,380	44,486	1,030,829	3,391,614	2,377,262	
70,125	75,140	70,125	67,674	67,984	61,955	67,026	75,619	68,604	69,477	80,183	79,986	80,380	71,731	74,717	74,577	74,971	68,942	68,238	77,479	74,069	81,817	77,478	74,520	
1,233,262	956,378	835,578	815,501	515,539	503,334	443,926	492,687	524,062	722,933	937,491	956,463	937,519	849,510	870,040	651,376	576,987	472,441	385,508	542,978	610,118	594,374	932,507	793,131	
496,165	441,844	406,946	287,664	170,308	114,471	87,618	150,250	247,503	320,019	933,827	452,789	327,459	326,253	359,721	230,541	135,117	73,107	108,330	177,983	218,088	328,885	1,407,576	558,685	
5,632,410	4,617,243	3,929,996	2,645,835	1,099,995	680,972	620,658	753,634	1,078,125	2,748,379	4,583,459	4,544,567	4,282,230	3,983,099	3,989,375	2,266,247	1,285,332	729,721	731,710	1,000,617	1,051,738	2,361,963	6,092,014	4,114,921	
4,647,027	4,484,969	3,826,389	2,626,853	1,342,043	767,516	721,299	830,670	1,155,427	2,644,260	4,238,789	4,225,985	4,267,826	3,859,822	3,654,017	2,385,693	1,473,855	819,684	834,318	920,289	1,200,499	2,745,983	5,279,890	4,481,061	
985,382	132,274	103,607	18,981	(242,049)	(86,544)	(100,641)	(77,036)	(77,302)	104,119	344,670	318,582	14,404	123,277	335,358	(119,446)	(188,524)	(89,964)	(102,608)	80,328	(148,761)	(384,020)	812,124	(366,140)	
0.1777	0.1777	0.1777	0.1990	0.1990	0.1990	0.3093	0.3093	0.3093	0.3552	0.3552	0.3552	0.3163	0.3163	0.3163	0.2248	0.2248	0.2248	0.2259	0.2259	0.2259	0.2215	0.2215	0.2215	
175,134	23,509	18,414	3,778	(48,172)	(17,224)	(31,125)	(23,824)	(23,907)	36,986	122,436	113,169	4,555	38,986	106,057	(26,850)	(42,377)	(20,222)	(23,176)	18,143	(33,600)	(85,042)	179,846	(81,082)	
62,102	237,236	260,745	279,160	282,937	234,765	217,542	186,417	162,593	138,686	175,672	298,108	411,277	415,832	454,818	560,876	534,026	491,649	471,427	448,251	466,395	432,794	347,753	527,598	
175,134	23,509	18,414	3,778	(48,172)	(17,224)	(31,125)	(23,824)	(23,907)	36,986	122,436	113,169	4,555	38,986	106,057	(26,850)	(42,377)	(20,222)	(23,176)	18,143	(33,600)	(85,042)	179,846	(81,082)	
237,236	260,745	279,160	282,937	234,765	217,542	186,417	162,593	138,686	175,672	298,108	411,277	415,832	454,818	560,876	534,026	491,649	471,427	448,251	466,395	432,794	347,753	527,598	446,516	
0.57%	0.57%	0.57%	1.02%	1.02%	1.02%	2.20%	2.20%	2.20%	3.87%	3.87%	3.87%	4.73%	4.73%	4.73%	4.98%	4.98%	4.98%	4.98%	4.98%	4.98%	5.49%	5.49%	5.49%	5.49%
701	730	843	967	1,204	1,444	1,644	2,043	2,385	2,683	3,130	3,697	4,658	6,279	7,918	9,711	12,038	14,255	16,295	18,251	20,112	22,047	24,027	25,618	\$ 28,032
29	113	124	237	240	200	399	342	298	447	567	961	1,621	1,639	1,793	2,328	2,216	2,040	1,956	1,860	1,936	1,980	1,591	2,414	24,514
730	843	967	1,204	1,444	1,644	2,043	2,385	2,683	3,130	3,697	4,658	6,279	7,918	9,711	12,038	14,255	16,295	18,251	20,112	22,047	24,027	25,618	28,032	52,546