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December 18, 2025

VIA RESS AND EMAIL

Ritchie Murray
Acting Registrar
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Dear Ritchie Murray:

Re: Enbridge Gas Inc. (Enbridge Gas, or the Company)
EB-2025-0064 - 2024 Rebasing – Phase 3 ADR Information Requests

Enbridge Gas filed Phase 3 of its 2024 Rebasing Application on February 28, 2025. As part of the Phase 3 proceeding, Enbridge Gas is requesting approval for several items, related primarily to harmonization of cost allocation, rates, services, and gas supply variance accounts.

Enbridge Gas filed a Settlement Proposal today, reflecting agreement among the Parties to almost every issue that was eligible for settlement for this proceeding. Enclosed are responses to supplementary requests for information that were made during the settlement conference process. All parties agreed that it is appropriate for these items to be included on the public record for this proceeding.

Should you have any questions, please let us know.

Sincerely,

Robin Stevenson

Robin Stevenson
Technical Manager, Strategic Applications – Rate Rebasing

ENBRIDGE GAS INC.

Answer to ADR Information Request

Reference:

SC-CCC-1

Ex. 7 / Tab 0 / Schedule 1 / Attachment 3

Ex. 8 / Tab 2 / Schedule 12 / Attachment 10

Ex. 8 / Tab 2 / Schedule 13 / Attachment 10

Preamble:

There are discrepancies between Summary Bill Impacts (Ex. 7 / Tab 0 / Sch. 1 / Attachment 3) and Detailed Bill Impacts (Ex. 8 / Tab 2 / Schedule 12 / Attachment 10 & Ex. 8 / Tab 2 / Schedule 13 / Attachment 10) as follows:

Two Zone (One Dist.) Option: Union North (North and East), the summary shows -17.4% for Rate 1 and the detailed bill impacts show -13.7%.

Two Zone Option: Union North (North and East), the summary shows -11.5% for Rate 1 and the detailed bill impacts show -9.0%.

Question:

Please advise which bill impacts are correct.

Response:

The bill impacts for Rate 01 North (North and East) provided at Phase 3 Exhibit 7, Tab 0, Schedule 1, Attachment 3, page 2, lines 18 and 28, columns (e) and (f), updated July 4, 2025, are incorrect due to a formulaic error. Enbridge Gas confirms the following:

- The residential total bill impact is (13.7%) for Rate 01 North (North and East) under the two rate zones with one distribution alternative.
- The residential total bill impact for Rate 01 North (North and East) is (9.0%) under the two rate zones alternative.

Reference:

SC-CCC-2
Ex. JT1.54
Ex. J2.12

Question:

- a) With respect to the bill impacts for Rate 01 and 10 North West customers in the One Rate Zone (Proposed) option with a volumetric rate design, please confirm, or correct, the following:
 - i. Rate 01: -3.5%
 - ii. Rate 10: - 1.3%
- b) For all other rate harmonization alternatives, please provide the bill impacts for Rate 01 and 10 North West customers using the volumetric rate design option as those bill impacts do not appear to be available in Exhibit JT1.54.

Response:

a-b) Confirmed. Please see Attachment 1.

Bill Impacts for Rate 01 and Rate 10 North West - Alternative Volumetric Rate Design for all Rate Zone Alternatives

Line No.	Particulars	Harmonized Rate Class	Annual Volume (m ³)	Total Bill		2024 Total Bill Impact (\$)	2024 Total Bill Impact (%)
				Current Approved (\$)	2024 Proposed (1) (\$)		
		(a)	(b)	(c)	(d)	(e) = (d - c)	(f) = (e / c)
<u>One Rate Zone - Proposed</u>							
1	Rate 01 - Small	Rate E01	2,200	908	875	(32)	(3.5%)
2	Rate 10 - Average	Rate E02	93,000	22,882	22,575	(307)	(1.3%)
<u>One Rate Zone - No Regional Adjustments</u>							
3	Rate 01 - Small	Rate E01	2,200	908	868	(39)	(4.3%)
4	Rate 10 - Average	Rate E02	93,000	22,882	22,415	(468)	(2.0%)
<u>One Rate Zone - As Filed in Phase 1</u>							
5	Rate 01 - Small	Rate E01	2,200	908	873	(34)	(3.8%)
6	Rate 10 - Average	Rate E02	93,000	22,882	22,627	(255)	(1.1%)
<u>Two Rate Zones - One Rate Zone Distribution</u>							
7	Rate 01 - Small	Rate E01	2,200	908	939	31	3.4%
8	Rate 10 - Average	Rate E02	93,000	22,882	27,268	4,385	19.2%
<u>Two Rate Zones</u>							
9	Rate 01 - Small	Rate E01	2,200	908	993	85	9.4%
10	Rate 10 - Average	Rate E02	93,000	22,882	27,836	4,954	21.6%
<u>Four Rate Zones - One Rate Zone Distribution</u>							
11	Rate 01 - Small	Rate E01	2,200	908	891	(17)	(1.8%)
12	Rate 10 - Average	Rate E02	93,000	22,882	24,464	1,581	6.9%

Note:

(1) Bill impacts exclude Rider K and Rider R.

ENBRIDGE GAS INC.

Answer to ADR Information Request

References:

The WARP does not include the gas supply transportation¹ and load balancing² costs that are incurred on behalf of both sales service and direct purchase (DP) customers (EX4/T2/S2/p.8)

Adding TCPL requires allocation a resulting in customers delivering to Dawn, Parkway/Enbridge CDA paying a different transportation charge than sales service customers. (Exhibit JT1.34)

Question 1:

Why would the costs be different for Sales and DP and, if so, why is that not appropriate?

Response:

Total long-haul transportation demand and fuel contracts from Empress are used by both sales service and bundled direct purchase customers to transport gas supply to Ontario. If a portion of these costs is included in the WARP (and the gas supply commodity rate), as described in response to Exhibit JT1.34, separate gas supply transportation rates would be required. The rates would be different to recognize that sales service have recovered their portion of long-haul transportation demand and fuel costs in the gas supply commodity charge based on the WARP and bundled direct purchase customers portion would continue to be recovered in the gas supply transportation charge. This scenario creates inconsistency and added complexity, as the same costs would be recovered in different rate components for customers within

¹ The gas supply transportation costs include the upstream transportation capacity contracted on the TransCanada Mainline to move gas supply for sales service customers and bundled DP deliveries to the TransCanada delivery areas (Centrat MDA, Union WDA, Union SSMDA, Union NDA, Union NCDA, Union EDA, Enbridge CDA and Enbridge EDA).

² The load balancing costs primarily include upstream transportation capacity on the TransCanada Mainline to meet the demands of sales service and bundled DP customers that are above average day demands, either from storage or load balancing purchases. The load balancing costs also include planned purchases at Dawn for load balancing requirements and the cost of peaking services.

the same rate class, as compared to Enbridge Gas's proposal that sets a common gas supply transportation charge within the same rate class for both sales service and bundled direct purchase customers that deliver gas at Dawn.

In Exhibit JT1.34, the long-haul transportation demand and fuel costs were split between sales service and bundled direct purchase based on the 2024 test year volumes, which results in a common cost between sales service and bundled direct purchase on a volumetric basis

Reference:

The inclusion of third-party transportation costs into the determination of the WARP would increase the costs for these common cost components and hence increase the revenue requirement for 2024 that was determined in Phase 1.

Question 2:

Please quantify both the value and percent impact on the revenue requirement showing the component contributions?

Response:

Please see Table 1. The total revenue requirement would increase by \$4.2 million or 0.08% using a weighted average reference price of \$150.767/10³m³.

Table 1
Derivation of the Impact to the 2024 Revenue Requirement using Adjusted WARP

Line No.	Particulars	Units	Impact
	<u>Change in Gas Cost related to UFG/Fuel/Own Use Volumes:</u>		
1	Adjusted Weighted Average Reference Price (1)	(\$/10 ³ m ³)	150.767
2	Weighted Average Reference Price as per EB-2024-0166 (July 24 QRAM)	(\$/10 ³ m ³)	142.614
3	Change in Reference Price (2)	(\$/10 ³ m ³)	8.153
4	2024 UFG/Fuel/Own Use Volumes (3)	(10 ³ m ³)	288,279
5	Amount for Recovery - UFG/Fuel/Own Use (4)	(\$000s)	2,350
	<u>Change in Gas Cost related to Gross Return of Gas in Storage</u>		
6	2024 Average Gas in Storage Volumes (5)	(10 ³ m ³)	3,044,365
7	Revaluation of Gas in Storage (6)	(\$000s)	24,821

8	Gross Rate of Return (7)		7.34%
9	Amount for Recovery - Gas in Storage (8)	(\$000s)	1,823
10	Total Revenue Requirement Impact (9)	(\$000s)	4,173
11	Total Revenue Requirement (10)	(\$000s)	5,329,900
12	Percentage Revenue Requirement Impact (11)	(%)	0.08%

Notes:

- (1) Exhibit JT1.34, Attachment 1, Line 3.
- (2) Line 1 - Line 2.
- (3) EB-2022-0200, Updated Draft Rate Order, March 15, 2024, Working Papers, Schedule 23, sum of pp.3-5, column (b) and (d), sum of lines 18, 19-27, excluding customer supplied fuel.
- (4) Line 3 x Line 4.
- (5) EB-2022-0200, Updated Draft Rate Order, March 15, 2024, Working Papers, Schedule 23, p.2, column (d), sum of lines 18, 31, and 41.
- (6) Line 3 x Line 6.
- (7) EB-2022-0200, Updated Draft Rate Order, March 15, 2024, Working Papers, Schedule 11, column (d), line 5, updated for tax.
- (8) Line 7 x Line 8.
- (9) Line 5 + Line 9.
- (10) Phase 3 Exhibit 7, Tab 1, Schedule 1, p.9, Table 1.
- (11) Line 10 / Line 11.

Question 3:

Exhibit JT1.35, Attachment 1 – p.1 line 8 and 9

Why are 2013 costs used which minimizes the D-P costs? What were those costs for the purposes of 2024 rebasing?

Response:

Enbridge Gas used 2013 costs as the basis to describe the current methodology used for customers in Union North and the Dawn Parkway costs included in current approved rates. The current approved rates include Dawn Parkway costs for Union North based on the 2013 Cost of Service plus any approved cost adjustments that have occurred during the 2014 – 2023 incentive rate-setting mechanism (IRM) terms and the Rebasing Phase 1 deficiency adjustment. Cost adjustments that occurred during the IRM, including Dawn Parkway costs from capital pass-through projects, are shown as cost adjustments in the Union North rate design at Exhibit JT1.35 Attachment 1, p.4, line 3, line 11, line 19 and p.5, line 3.

The 2024 Dawn Parkway costs that are allocated to Union North under the current rate zone alternative are provided at Phase 3 Exhibit 7, Tab 3, Schedule 7, Attachment 13, p. 3, lines 9 through 12.

Question 4:

Please explain the nature of the reclassification to Delivery

Response:

Storage costs deemed to be system integrity-related per Union's 2013 Cost Allocation Study were reclassified and recovered in delivery rates for Union North to ensure that all customers provide a contribution towards the recovery of these costs regardless of whether they are sales service, bundled or unbundled direct purchase. Under the proposed harmonized rate classes, no reclassification is required as the proposed rate structure includes separate rate classes for bundled and unbundled customers.

Question 5:

Omitted

Question 6:

Omitted

Question 7:

Exhibit JT1.37

For purposes of this scenario, Enbridge Gas has assumed that the incremental purchases are not considered spot gas purchases³.

As recorded in the transcript, we were asking about incremental purchases (exceeding planned).

³ Incremental gas supply purchases are considered spot gas purchases when total gas purchases for the winter exceed planned winter purchases.

- a) Please clarify the distinction that is being made about not being spot i.e., when gas purchases are deemed to be spot.
- b) How would the characterization of spot change the allocation of costs?
- c) Please assume that these purchases are deemed to be spot and provide revisions to the attachments in JT1.37, JT1.38 and JT2.9 (for lower priced incremental purchases)

Response:

- a) Enbridge Gas made the note about incremental purchases not being spot gas purchases because with the proposal for bundled direct purchase customers (DP) to manage their actual load balancing requirements, spot gas purchases made by the Company will be on behalf of sales service customers only⁴ and not included in the weighted average Dawn price for purposes of determining the load balancing price variance.
- b) If the incremental purchases were deemed to be spot gas purchases, Enbridge Gas would remove the volumes and cost of the spot gas purchases from the determination of the weighted average Dawn price used in the calculation of the load balancing price variance for the month.
- c) Regarding Exhibit JT1.37, if the 5,000 additional units of gas (TJ) purchased in each of January and March at \$10 per unit (GJ) were deemed to be spot gas purchases for sales service customers, the purchases would not be included in the determination of the weighted average Dawn price for purposes of determining the load balancing price variance. As a result, there would be no impact to the variance recorded in the LBPVA and the price variance of \$44.2 million associated with the incremental gas supply purchases would be recorded as a debit in the PGVA.

Regarding Exhibit JT1.38, if the 5,000 additional units of gas (TJ) purchased in each of January and March at \$10 per unit (GJ) were deemed to be spot gas purchases for sales service customers, and all Dawn purchases in both months was at \$10 per unit (GJ), the impact to the LBPVA would be the same as provided in Exhibit JT1.38 because there would be no change to the weighted average Dawn price for purposes of determining the load balancing price variance (the weighted average Dawn price would remain as \$10/GJ). The price variance of \$127.2 million

⁴ With one exception for post-checkpoint spot purchases made for incremental load balancing needs of both sales service and bundled DP customers.

associated with the incremental gas supply purchases would be recorded as a debit in the PGVA. Since the actual average Dawn purchase price, as shown in Attachment 1, page 2, line 5, is \$10/GJ, the variance recorded in the LBPVA remains a credit of \$(11.4) million. Therefore, the total variance remaining in the PGVA is \$138.6 million (\$127.2 million + \$11.4 million).

Regarding Exhibit JT2.9, if the 5,000 additional units of gas (TJ) purchased in each of January and March at \$4 per unit (GJ) were deemed to be spot gas purchases for sales service customers, the purchases would not be included in the determination of the weighted average Dawn price for purposes of determining the load balancing price variance. As a result, there would be no impact to the variance recorded in the LBPVA and the price variance of \$15.8 million associated with the incremental gas supply purchases would be recorded as a credit in the PGVA.

Question 8:

Enbridge Gas has also noted that it will continue to manage any necessary late winter post-checkpoint balancing needs for all bundled customers and recover the costs through disposition of the LBPVA.2

Will these dispositions be allocated to DP customers?

- a) If so, how will that be accomplished
- b) Will the costs be allocated to all DP customers independent of their March 31 Banked Gas Account (BGA) balance?

Response:

Please see Exhibit I.9.1-STAFF-40.

Yes, there would be an allocation of costs associated with incremental spot purchases attributable to bundled DP pools for post-checkpoint load balancing needs. The spot gas purchases attributable would be assessed based on the amount the actual BGA balances as of March 31 across all bundled DP pools was lower than the planned BGA balances as of March 31 across all bundled DP pools.

A weighted average summer-winter price differential would be applied to the attributable spot gas purchases to determine a dollar value of spot purchases to recover from bundled DP pools.

Costs would be allocated only to those bundled DP pools that had an actual BGA balance less than planned as of March 31 with each pool that was short receiving their proportionate share of the cost relative to the total that all pools were short. The resulting charge would be presented on the bill for the bundled DP pool. This approach is consistent with the approach used by Union to recover spot gas purchases for bundled DP customers in Union South.⁵

Question 9:

Please clarify Note 7 by specifying what “rates” recover volume variances.

Response:

The term ‘rates’ in Note 7 refers to the \$55.8 million associated with the volume variance that would be recovered in gas supply commodity rates.

Question 10:

Will the QRAM reporting provide evidence regarding when the price for January purchases were actually fixed or differentiated as a floating index?

Response:

No. Similar to the evidence provided with the current QRAM application, Enbridge Gas does not intend to provide details specific to individual supply purchase contracts as part of future QRAM applications.

Question 11:

Why are the incremental purchases not added to the Load Balancing Calculation but the “forecasted” price uses the weighted average actual price?

- a) How does a \$106M credit make sense for purchasing an incremental 5,000 GJ of gas in March (due to the variance)?

⁵ EB-2014-0145, Exhibit A, Tab 1, pp. 2-7.

Response:

The incremental purchases (5,000 TJ) were not added to the Dawn supplies (JT1.37 Attachment 1, p. 2, line 2) because the purpose of the proposed Load Balancing Price Variance Account (LBPVA) is to record the price variance associated with the monthly planned purchase volumes for Dawn gas supply commodity purchases. As noted in Question 9 above, the volume variance associated with the incremental load balancing purchases at Dawn would be recovered from gas commodity charges from sales service customers. The incremental purchases impact the Dawn forecasted price (JT1.37, Attachment 1, p. 2, line 5) because the LBPVA uses the actual weighted average Dawn price (of all purchases) in the calculation of the price variance.

- a) The \$106 million credit recorded in March reflects the benefit of not having planned Dawn purchases in the month where the actual weighted average Dawn price was so high (at \$10/GJ). The large credit in March is largely offset by debits recorded in the winter months—December, January, and February—when higher planned purchases were made. In the requested hypothetical scenario (for purposes of illustrating how the LBPVA would be accounted for), the magnitude of the March credit is a result of a significantly higher March price relative to the price in the other months of the year and may not be indicative of actual prices.

Question 12:

Please clarify Note 8 if the PGVA recovery is only from system gas or Direct Purchase also

- a) Will the costs for the incremental January purchases be differentiated from the costs for incremental March purchases for the purchases of allocation?
- b) If so, how?
- c) If not, why not?

Response:

Price variances recorded in the PGVA will be recovered from sales service customers only. As noted in the body of the response at Exhibit JT1.37, the PGVA impact will be \$44.2 million (referenced by Note 8) plus \$43.1 million relating to the net overall reduction in load balancing costs. The PGVA balance total debit of \$87.3 million will be

recovered from sales service customers only and the LBPVA balance total credit of \$43.1 million will be refunded to both sales service and DP customers.

a-c) The price variance on incremental gas purchases will be recorded in the PGVA.

Incremental purchases in any month will be used in the determination of the weighted average Dawn price for purposes of determining the load balancing price variance. If there is a balance in the LBPVA, that balance will be recorded as an offset to the PGVA. Should incremental purchases be deemed to be spot gas purchases, Enbridge Gas will be able to differentiate the purchase costs and allocate directly to the PGVA and remove the cost from the determination of the weighted average Dawn price for the month.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

Can Enbridge provide the following information.

Enbridge indicated that the Phase 3 application (including rate harmonization and other related items) is in response to OEB direction (timing and/or substance) for what was to be included in the Phase 3 application. For each of the Issue List items within the scope of the settlement conference (i.e. excluding Issue 13 parts a-d), can Enbridge provide the references for OEB direction provided for each?

Response:

Issue	Directive/Commitment Reference	Reference
<i>Rate Harmonization, Cost Allocation and Rate Design, and Gas Cost Common Reference Price Methodology</i>		
1) Is the proposal for harmonization of rate zones and rate classes appropriate, including: a) The proposal for one rate zone. b) The proposal for harmonized rate classes.	File a proposal for rate harmonization in the next rate rebasing application. ¹	MAADs and Rate Setting Mechanism Proceeding EB-2017-0306/EB-2017-0307 (Page 41 and Page 43)

¹ The OEB also requires utilities that have merged or amalgamated to file a rate harmonization plan subject to established cost allocation and rate design principles, which must include an implementation plan and an impact analysis. Filing Requirements for Natural Gas Rate Applications, February 16, 2017, p.36.

	In advance of Phase 3 review of cost allocation and rate design, Enbridge Gas will produce an additional cost allocation study that allocates costs in accord with its four proposed “service areas” as described in the response to Exhibit I.7.0-STAFF-237. Using the additional cost allocation study and any additional cost allocation information required, Enbridge Gas will provide a report on the outcome of allocation of those costs to Enbridge Gas’s proposed harmonized rate classes, in accordance with rate making approaches outlined in Phase 1 Settlement.	2024 Rebasing – Phase 1 Settlement Agreement EB-2022-0200 (Issue 24)
2) Is the 2024 Cost Allocation Study to allocate costs to the harmonized rate classes appropriate, including the methodologies?	See Issue 1 - Rate Harmonization.	
	Union was directed to file in the 2019 Rebasing Application a more robust and comprehensive cost allocation study that appropriately allocates costs for the new service.	Union Rate for interruptible LNG service at Hagar EB-2014-0012 (Page 9)
	In the MAADs Decision, Enbridge Gas was directed to file a cost allocation study in 2019 for consideration in the proceeding for 2020 Rates that proposes an update to the cost allocation to take	2020 Rates EB-2019-0194 (Page 18)

	into account the following projects: Panhandle Reinforcement, Dawn-Parkway expansion including Parkway West, Brantford Kirkwall/Parkway D and the Hagar Liquefaction Plant. This should also include a proposal for addressing TransCanada's C1 Dawn to Dawn TCPL service. In 2020 Rates, the OEB found that changes to the methodology and implementation of Enbridge Gas's cost allocation shall be examined as part of the 2024 Rebasing Application.	
	File evidence to support the allocation of Union North and Union South Distribution Maintenance - Equipment on Customer Premises costs to rate classes in proportion to the allocation of customer station gross plant, including a definition for this maintenance category and a delineation of what has changed since EB-2005-0520.	Union 2013 COS EB-2011-0210 (Page 69)
3) Is the proposed rate design of harmonized rate classes appropriate, including: a) Rate design for the general service rate classes. b) Rate design for the in-franchise contract rate classes. c) Rate design for the ex-franchise rate classes.	See Issue 1 - Rate Harmonization.	
4) Is the proposed rate design proposal for the gas supply charges and the applicability of the Parkway Delivery Commitment Credit (PDCI) appropriate?	See Issue 1 - Rate Harmonization.	

5) Are the proposed services and related charges, and the ex-franchise terms and conditions for the harmonized rate classes appropriate?	See Issue 1 - Rate Harmonization.	
	Union agreed as part of Settlement to report on the revenue neutrality of the new Customer Managed Service (CMS) and revisit the appropriateness of the service design at the time of its rebasing proceeding.	Union's 2017 Rates EB-2016-0245 (Issue 3)
6) Are the proposed harmonized rates and related charges, based on the updated 2024 Revenue Requirement, just and reasonable?	See Issue 1 - Rate Harmonization.	
7) Is the proposal for a common reference price methodology appropriate? If so, is it appropriate for the setting of gas costs in relation to the 2024 Test Year gas cost forecast?	See Issue 1 - Rate Harmonization.	
Rate Implementation and Mitigation		
8) Is the proposed rate harmonization implementation plan appropriate?	See Issue 1 - Rate Harmonization.	
9) Is the rate mitigation plan for harmonized rate classes and Rider R – Rate Mitigation Rider appropriate?	See Issue 1 - Rate Harmonization.	
Deferral & Variance Accounts		
10) Is the proposal for harmonization of the following gas supply variance accounts appropriate? a) Purchase Gas Variance Account (PGVA) (Account No. 179-101) b) Third-Party Transportation Variance Account (Account No. 179-102) c) Load Balancing Price Variance Account (Account No. 179-103)	See Issue 1 - Rate Harmonization.	

d) Inventory Revaluation Variance Account (Account No. 179-104) e) Market-Based Storage Variance Account (Account No. 179-204)		
11) Is the proposal to establish a new Rate Harmonization Variance Account appropriate?	See Issue 1 - Rate Harmonization.	
12) Should the OEB establish any other deferral or variance accounts related to the matters at issue in Phase 3?		
Other		
13) Has Enbridge Gas identified and responded appropriately to all relevant OEB directions and commitments made from previous proceedings consisting of: e) various cost allocation and rate design directives and commitments, including the interruptible rates study.	The OEB directed Enbridge Gas to study its interruptible rates to determine how they might be modified to increase customer adoption of this alternative service. This initiative is expected to help reduce peak demand, and the study should be filed as part of the next rate rebasing application.	Integrated Resource Planning Framework EB-2020-0091 (Page 35)

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

In consideration of ratemaking and zones, we are struggling with aspects of Gas Supply changes and believe an example would help. Ottawa and area currently has a Gas Supply Commodity rate based upon an Empress price (Ex. 8, T2, S2) and would be moved to common Gas Supply rates. EGI's evidence uses WARP as the starting point for the Gas Supply Rate proposed in Table 1. We would like to understand what costs or allocations have been:

Increased for:

- Gas Supply commodity?
- Gas Supply transportation?
- Load balancing – recovered where?
- Transmission?

Decreased for:

- Gas Supply commodity?
- Gas Supply transportation?
- Load balancing – recovered where?
- Transmission?

Response:

Please see Table 1 for the mapping of gas cost revenue requirement to rate component by cost type to illustrate the difference in the proposed recovery of gas costs compared to the current approved rate design for the EGD rate zone for a sales service customer.

Table 1
2024 Cost Study Allocation – Rate 1
Mapping of Gas Cost Revenue Requirement to Rate Component by Rate Class

Line No.	Particulars (\$000s)	Current Zones	Adjusted Scenario	Difference
		Rate 1 (1)	Rate 1 (2)	
		(a)	(b)	(c)
<u>Allocation of Gas Cost Revenue Requirement</u>				
<u>Gas Supply Revenue Requirement</u>				
1	Gas Supply Commodity	664,796	478,420	186,376
2	Load Balancing - Transportation	61,364	61,364	-
3	Load Balancing - Commodity	12,074	12,074	-
4	Transportation Demand	52,298	238,674	(186,376)
5	Transportation Commodity	5,048	5,048	-
6	Total Gas Supply Revenue Requirement	795,581	795,581	-
<u>Proposed Gas Cost Revenue Requirement by Rate Design Component</u>				
7	Delivery Commodity Charge	12,074	73,438	(61,364)
8	Gas Supply Transportation Charge	118,710	243,722	(125,012)
9	Gas Supply Commodity Charge	664,796	478,420	186,376
10	Total Gas Cost Revenue Requirement	795,581	795,581	-

Notes:

- (1) Phase 3 Exhibit 7, Tab 3, Schedule 7, Attachment 13, p. 7, column (b), lines 1- 6 and lines 22 - 24.
- (2) Gas Supply Commodity valued based on Empress Price of \$2.626/GJ per Phase 3 Exhibit 4, Tab 2, Schedule 2, Attachment 3, p. 1, column (e), line 1. Difference between WARP and Empress adjusted to Transportation Demand.

For the purpose of this response, Enbridge Gas has compared the recovery of the gas cost revenue requirement for Rate 1 in the EGD rate zone based on the current rate zones alternative to an adjusted scenario based on the current approved rate design for Rate 1. The scenario includes the following two adjustments:

- The gas supply commodity is valued based on Empress, instead of the proposed WARP. The difference between the WARP and Empress costs are deemed to be transportation, consistent with the methodology for the EGD rate zone.¹
- Shifts in the recovery of load balancing transportation costs to move gas to/from storage. Load balancing transportation costs are proposed to be recovered in the gas supply transportation charge as compared to the current methodology for the EGD rate zone that recovers these costs in the gas supply load balancing charge, which is included in delivery commodity charges in the Rate Handbook and on a customer's bill.

Other transmission and storage costs are recovered in delivery rates for the proposed rate design and primarily recovered in delivery rates for the current approved rate design for the EGD rate zone. One exception is the recovery of the portion of Dawn Parkway costs that are required for load balancing transportation. Consistent with other load balancing transportation costs shown at Table 1, line 2, column (b), a portion of the Dawn Parkway costs are recovered in the gas supply load balancing charge, which is included in delivery commodity charges in the Rate Handbook and on a customer's bill.

¹ The difference is assumed to be transportation costs as Enbridge Gas is unable to recreate the split between transportation and load balancing based on the current methodology for the EGD rate zone. As described at Phase 3 Exhibit 7, Tab 1, Schedule 3, page 2 and Exhibit I.7.1-STAFF-16, Enbridge Gas is unable to recreate standalone cost allocation studies for the EGD and Union rate zones in the same format that was approved in the previous Cost of Service.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question 1:

Explain the variance behind transmission cost allocation in 1 rate zone vs 4 rate zones (both with regional adjustments). The allocation across rate classes seems inconsistent.

Response:

As shown at Exhibit JT2.4 Attachment 2, the transmission demand allocation factor under the one rate zone –proposed alternative is derived based on design day demands at the current rate zones, whereas the allocation factors for multiple rate zones are based on an allocation of design day demands by service area. This results in minor allocation differences across the rate classes, but the total allocation is unchanged. Overall, the variances by rate class are immaterial. The allocation to Rate E01 under the one rate zone alternative is 81,374 as shown at line 19, column (b) compared to the allocation to Rate E01 under the four rate zones alternative of 81,318 shown at line 46, column (b).

Question 2:

Between 1 zone and 4 zones, E20 declining demand block structure is different and we don't understand why. In 4 rate zones the first 2 blocks go down and the 3rd goes up. JT2.8 where we did the greenhouses examples we have 1 and 4 we can see it. 3.8.2.9 Attachment 2 rate structure, shows this too.

All E20 customers are in Union South. Why is there a difference in the rate design and block structure between single rate zone with regional and 4 rate zones with regional adjustments for E20?

Response:

Enbridge Gas has identified a formula error in the proposed one rate zone alternative resulting in different proportions of revenue being recovered in each demand block for Rate E20 as compared to the four rate zones alternative.

The cost allocation and corrected unit rates are very similar for Rate E20 under the proposed one rate zone (with regional cost allocation) and the four rate zones alternative because all customers in this rate class are located in the South service area.

Please see Table 1 for the corrected unit rates.

Table 1
Rate E20 Unit Rate Comparison

Line No.	Particulars	As Filed	Corrected	Four Rate Zones - One Dist (2)
		One Rate Zone - Proposed (1)	One Rate Zone - Proposed	
		(a)	(a)	(a)
1	Monthly Customer Charge	\$3,000.00	\$3,000.00	\$3,000.00
2	Transportation Demand (Firm)			
3	First 30,000 m ³	52.7078	42.1662	42.1077
4	Next 120,000 m ³	30.0893	27.8605	27.9614
5	All over 150,000 m ³	20.0116	22.9300	23.0858
6	Transportation Commodity	-	-	-
7	Transportation Fuel Ratio	0.754%	0.754%	0.754%

Notes:

- (1) Phase 3 Exhibit 8, Tab 2, Schedule 9, Attachment 2, column (h).
- (2) Phase 3 Exhibit 8, Tab 2, Schedule 14, Attachment 2, column (h).

Question 3:

Is the different block structure in E20 between 1 rate zone and 4 rate zones (with regional adjustments) the driver for the largest volume customers seeing large differences in bill impacts between the two scenarios? The block structure seems to be the material driver, are there other material drivers?

Response:

The difference in block structure is the only material driver of the bill impact differences between the proposed one rate zone alternative and the four rate zones alternative.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

Could you provide Exhibit P3.7.0.1 Attachments 2 through 5 restated with the identified E20 modelling error corrected please? We need to understand the correct rate impacts for rate E20 of the 1 rate zone alternative, relative to both current rates and the other (including 4 rate zone, and ultimately 3 rate zone) alternatives.

If it is only rate E20 that is affected by this error then we perhaps only need the rate E20 row, but if there are knock on impacts on the other rate classes then please provide them all as adjusted.

Response:

The Rate E20 modelling error is described in the response to ADR-5. Enbridge Gas has identified a formula error in the proposed one rate zone alternative which affects the proportional revenue and unit rates for each firm transportation demand block under Rate E20. This correction affects the revenue recovery and bill impacts for customers in Rate E20 (current Rate T1 and T2). The changes are contained within Rate E20 and do not affect any other rate classes.

Please see Attachments 1, 2 and 3 for corrected versions of Phase 3 Exhibit 7, Tab 0, Schedule 1, Attachments 2, 3, and 4, respectively, which reflect this change. The updated figures have been highlighted for convenience. Note that there is no impact to Phase 3 Exhibit 7, Tab 0, Schedule 1, Attachment 5.

Enbridge Gas will has also provided an updated copy of Phase 3 Exhibit 7, Tab 0, Schedule 1 Attachments 3 through 5, which included the following revisions in ADR-7 Attachments 1-4:

- Updated impacts as a result of the cost study correction described at Exhibit I.7.3-CCC-7 (Two Rate Zones alternative);
- Addition of the impacts for the Three Rate Zones alternative;
- Corrected bill impacts for Rate M2 as identified in Exhibit JT1.53; and

- Corrected bill impacts for Rate 01 as identified in ADR-1 Question1.

The update also included the correction to the Rate E20 demand blocking as described above.

Summary of Rate Zone Alternatives - Revenue Change by Rate Zone
Total Revenue

Line No.	Particulars (\$000s)	EGD Rate Zone		West Rate Zone	Union North East Rate Zone		Union South Rate Zone	Total Revenue
		East (a)	Central (b)	North (c)	East (d)	North (e)	South (f)	In-franchise (1) (g)
1	Current Approved Revenue (2)	479,685	2,586,788	132,171	183,863	233,547	1,480,992	5,097,046
	<u>2024 Revenue</u>							
2	Current Rate Zones	470,256	2,539,646	134,004	175,634	227,967	1,541,927	5,089,434
3	One Rate Zone - Proposed	488,778	2,560,594	121,803	144,498	179,534	1,594,162	5,089,369
4	One Rate Zone - No Regional Adjustments	483,077	2,540,567	120,862	143,532	177,919	1,623,410	5,089,368
5	One Rate Zone - As Filed In Phase 1	487,026	2,563,155	121,754	144,647	179,280	1,593,506	5,089,368
6	Two Rate Zones - With One Rate Zone Distribution	553,621	2,467,541	135,959	163,918	200,864	1,567,465	5,089,368
7	Two Rate Zones	576,042	2,430,628	142,995	173,339	210,650	1,555,715	5,089,368
8	Four Rate Zones - With One Rate Zone Distribution	569,715	2,483,956	128,304	169,589	189,309	1,548,495	5,089,369
	<u>2024 Revenue Change</u>							
9	Current Rate Zones	(9,429)	(47,142)	1,834	(8,229)	(5,581)	60,936	(7,612)
10	One Rate Zone - Proposed	9,093	(26,195)	(10,367)	(39,366)	(54,014)	113,170	(7,678)
11	One Rate Zone - No Regional Adjustments	3,392	(46,222)	(11,308)	(40,331)	(55,628)	142,419	(7,678)
12	One Rate Zone - As Filed In Phase 1	7,341	(23,633)	(10,417)	(39,217)	(54,267)	112,515	(7,678)
13	Two Rate Zones - With One Rate Zone Distribution	73,936	(119,247)	3,788	(19,945)	(32,684)	86,473	(7,678)
14	Two Rate Zones	96,357	(156,160)	10,824	(10,524)	(22,898)	74,723	(7,678)
15	Four Rate Zones - With One Rate Zone Distribution	90,031	(102,832)	(3,866)	(14,274)	(44,239)	67,503	(7,678)
	<u>2024 Revenue Change (%) (3)</u>							
16	Current Rate Zones	(2%)	(2%)	1%	(4%)	(2%)	4%	(0%)
17	One Rate Zone - Proposed	2%	(1%)	(8%)	(21%)	(23%)	8%	(0%)
18	One Rate Zone - No Regional Adjustments	1%	(2%)	(9%)	(22%)	(24%)	10%	(0%)
19	One Rate Zone - As Filed In Phase 1	2%	(1%)	(8%)	(21%)	(23%)	8%	(0%)
20	Two Rate Zones - With One Rate Zone Distribution	15%	(5%)	3%	(11%)	(14%)	6%	(0%)
21	Two Rate Zones	20%	(6%)	8%	(6%)	(10%)	5%	(0%)
22	Four Rate Zones - With One Rate Zone Distribution	19%	(4%)	(3%)	(8%)	(19%)	5%	(0%)

Notes:

- (1) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.1, column (h).
- (2) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.1, column (a).
- (3) The revenue percentage impacts may differ from the corresponding bill impact percentages provided at Attachment 3 due to the mix of system gas and direct purchase customers in each rate class. The revenue in this Attachment does not include an assumption for gas supply commodity or federal carbon charge, as in the total bill impacts in Attachment 3.

Summary of Rate Zone Alternatives - Revenue Change by Rate Zone
Delivery Revenue

Line No.	Particulars (\$000s)	EGD Rate Zone		West Rate Zone	Union North East Rate Zone		Union South Rate Zone	Total Revenue In-franchise (1)
		East (a)	Central (b)	North (c)	East (d)	North (e)	South (f)	
1	Current Approved Revenue (2)	250,112	1,365,559	82,826	106,431	125,287	833,626	2,763,841
	<u>2024 Revenue</u>							
2	Current Rate Zones	247,331	1,343,858	77,245	98,346	120,877	887,266	2,774,923
3	One Rate Zone - Proposed	262,384	1,361,575	65,391	85,849	96,849	902,810	2,774,858
4	One Rate Zone - No Regional Adjustments	262,920	1,363,712	65,487	85,938	96,907	899,893	2,774,858
5	One Rate Zone - As Filed In Phase 1	262,913	1,363,614	65,488	85,945	96,959	899,938	2,774,858
6	Two Rate Zones - With One Rate Zone Distribution	253,141	1,354,844	63,271	83,069	93,787	926,746	2,774,858
7	Two Rate Zones	277,078	1,323,995	69,886	92,265	102,803	908,832	2,774,858
8	Four Rate Zones - With One Rate Zone Distribution	248,147	1,381,220	64,777	81,849	96,155	902,710	2,774,858
	<u>2024 Revenue Change</u>							
9	Current Rate Zones	(2,782)	(21,700)	(5,581)	(8,085)	(4,411)	53,641	11,082
10	One Rate Zone - Proposed	12,272	(3,984)	(17,435)	(20,582)	(28,438)	69,184	11,017
11	One Rate Zone - No Regional Adjustments	12,808	(1,846)	(17,339)	(20,493)	(28,380)	66,268	11,017
12	One Rate Zone - As Filed In Phase 1	12,801	(1,944)	(17,338)	(20,486)	(28,328)	66,313	11,017
13	Two Rate Zones - With One Rate Zone Distribution	3,029	(10,714)	(19,555)	(23,361)	(31,501)	93,120	11,017
14	Two Rate Zones	26,966	(41,564)	(12,940)	(14,166)	(22,484)	75,206	11,017
15	Four Rate Zones - With One Rate Zone Distribution	(1,965)	15,661	(18,049)	(24,582)	(29,132)	69,084	11,017
	<u>2024 Revenue Change (%)</u>							
16	Current Rate Zones	(1%)	(2%)	(7%)	(8%)	(4%)	6%	0%
17	One Rate Zone - Proposed	5%	(0%)	(21%)	(19%)	(23%)	8%	0%
18	One Rate Zone - No Regional Adjustments	5%	(0%)	(21%)	(19%)	(23%)	8%	0%
19	One Rate Zone - As Filed In Phase 1	5%	(0%)	(21%)	(19%)	(23%)	8%	0%
20	Two Rate Zones - With One Rate Zone Distribution	1%	(1%)	(24%)	(22%)	(25%)	11%	0%
21	Two Rate Zones	11%	(3%)	(16%)	(13%)	(18%)	9%	0%
22	Four Rate Zones - With One Rate Zone Distribution	(1%)	1%	(22%)	(23%)	(23%)	8%	0%

Notes:

- (1) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.2, column (h).
(2) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.2, column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Zone
Gas Cost Revenue

Line No.	Particulars (\$000s)	EGD Rate Zone		West Rate Zone	Union North East Rate Zone		Union South Rate Zone	Total Revenue In-franchise (1)
		East	Central	North	East	North	South	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Current Approved Revenue (2)	229,573	1,221,229	49,345	77,433	108,260	647,366	2,333,205
	<u>2024 Revenue</u>							
2	Current Rate Zones	222,925	1,195,787	56,759	77,289	107,090	654,661	2,314,512
3	One Rate Zone - Proposed	226,394	1,199,019	56,413	58,648	82,684	691,352	2,314,511
4	One Rate Zone - No Regional Adjustments	220,157	1,176,854	55,375	57,594	81,012	723,517	2,314,510
5	One Rate Zone - As Filed In Phase 1	224,113	1,199,541	56,266	58,702	82,321	693,568	2,314,510
6	Two Rate Zones - With One Rate Zone Distribution	300,480	1,112,697	72,688	80,849	107,077	640,719	2,314,510
7	Two Rate Zones	298,964	1,106,633	73,109	81,075	107,847	646,883	2,314,510
8	Four Rate Zones - With One Rate Zone Distribution	321,568	1,102,736	63,527	87,740	93,154	645,785	2,314,511
	<u>2024 Revenue Change</u>							
9	Current Rate Zones	(6,647)	(25,442)	7,414	(144)	(1,170)	7,295	(18,694)
10	One Rate Zone - Proposed	(3,179)	(22,210)	7,068	(18,784)	(25,576)	43,986	(18,695)
11	One Rate Zone - No Regional Adjustments	(9,415)	(44,375)	6,030	(19,838)	(27,248)	76,151	(18,696)
12	One Rate Zone - As Filed In Phase 1	(5,460)	(21,689)	6,921	(18,731)	(25,939)	46,202	(18,695)
13	Two Rate Zones - With One Rate Zone Distribution	70,907	(108,533)	23,344	3,416	(1,183)	(6,647)	(18,696)
14	Two Rate Zones	69,391	(114,596)	23,764	3,642	(413)	(483)	(18,695)
15	Four Rate Zones - With One Rate Zone Distribution	91,996	(118,494)	14,183	10,308	(15,106)	(1,581)	(18,695)
	<u>2024 Revenue Change (%)</u>							
16	Current Rate Zones	(3%)	(2%)	15%	(0%)	(1%)	1%	(1%)
17	One Rate Zone - Proposed	(1%)	(2%)	14%	(24%)	(24%)	7%	(1%)
18	One Rate Zone - No Regional Adjustments	(4%)	(4%)	12%	(26%)	(25%)	12%	(1%)
19	One Rate Zone - As Filed In Phase 1	(2%)	(2%)	14%	(24%)	(24%)	7%	(1%)
20	Two Rate Zones - With One Rate Zone Distribution	31%	(9%)	47%	4%	(1%)	(1%)	(1%)
21	Two Rate Zones	30%	(9%)	48%	5%	(0%)	(0%)	(1%)
22	Four Rate Zones - With One Rate Zone Distribution	40%	(10%)	29%	13%	(14%)	(0%)	(1%)

Notes:

- (1) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.3, column (h).
(2) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.3, column (a).

Summary of Rate Zone Alternatives - Revenue by Rate Class
Total Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	Current Rate Zones (2) (b)	One Rate Zone - Proposed (3) (c)	One Rate Zone - No Regional Adjustments (3) (d)	One Rate Zone - As Filed in Phase 1 (3) (e)	Two Rate Zones - One Rate Zone Distribution (3) (f)	Two Rate Zones (3) (g)	Four Rate Zones - One Rate Zone Distribution (3) (h)
<u>EGD Rate Zone</u>									
<u>East Service Area</u>									
1	Rate 1	308,890	308,659	315,760	313,243	315,013	338,035	357,485	347,607
2	Rate 6	126,513	117,748	127,635	126,529	127,879	157,004	162,460	164,201
3	Rate 100	2,520	2,163	2,307	2,323	2,345	2,455	2,483	2,407
4	Rate 110	11,512	12,910	12,343	12,630	12,974	18,962	18,879	19,435
5	Rate 115	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-
7	Rate 135	386	617	402	368	382	675	602	685
8	Rate 145	134	108	71	70	74	148	138	160
9	Rate 170	414	677	780	768	830	2,007	1,837	2,164
10	Rate 200	29,316	27,374	29,480	27,146	27,528	34,335	32,156	33,056
11	Total East Service Area	479,685	470,256	488,778	483,077	487,026	553,621	576,042	569,715
<u>Central Service Area</u>									
12	Rate 1	1,620,802	1,619,518	1,648,582	1,634,749	1,644,500	1,611,543	1,586,051	1,616,052
13	Rate 6	887,397	824,822	820,695	812,733	822,357	772,762	762,721	783,189
14	Rate 100	2,457	1,968	2,515	2,537	2,572	2,486	2,475	2,420
15	Rate 110	49,590	58,158	55,722	57,197	58,991	51,570	51,494	51,904
16	Rate 115	8,744	10,935	11,012	11,678	12,432	8,803	8,843	9,775
17	Rate 125	13,320	14,338	13,857	13,735	13,765	13,564	12,440	13,684
18	Rate 135	2,289	3,541	2,370	2,188	2,264	2,107	2,057	2,051
19	Rate 145	1,081	1,008	667	662	686	622	621	612
20	Rate 170	1,108	5,357	5,175	5,088	5,587	4,084	3,926	4,269
21	Total Central Service Area	2,586,788	2,539,646	2,560,594	2,540,567	2,563,155	2,467,541	2,430,628	2,483,956
22	Total EGD Rate Zone	3,066,473	3,009,902	3,049,372	3,023,644	3,050,181	3,021,162	3,006,670	3,053,671
<u>Union North Rate Zone</u>									
<u>North Service Area</u>									
23	Rate 01 - NE	188,727	188,901	147,689	146,365	147,345	161,559	170,043	154,185
24	Rate 10 - NE	27,608	26,647	20,773	20,557	20,840	27,714	28,322	23,854
25	Rate 20 - NE	14,500	10,625	9,812	9,731	9,828	10,338	10,893	10,025
26	Rate 25 - NE	1,278	753	367	366	367	367	403	349
27	Rate 100 - NE	1,435	1,040	893	900	900	886	989	895
28	Rate 01 - NW	104,169	108,591	98,493	97,627	98,264	107,268	113,047	102,617
29	Rate 10 - NW	13,516	14,816	14,231	14,103	14,273	18,317	18,754	16,096
30	Rate 20 - NW	3,919	3,331	3,766	3,826	3,897	5,099	5,131	4,359
31	Rate 25 - NW	3,267	2,108	1,279	1,278	1,286	1,297	1,335	1,218
32	Rate 100 - NW	7,300	5,158	4,035	4,029	4,033	3,978	4,727	4,013
33	Total North Service Area	365,718	361,971	301,337	298,781	301,034	336,823	353,645	317,613
<u>East Service Area</u>									
34	Rate 01 - NE	132,453	132,568	111,094	110,234	110,888	120,102	127,027	123,586
35	Rate 10 - NE	27,022	26,078	19,010	18,788	19,073	26,120	26,604	27,898
36	Rate 20 - NE	20,187	14,123	11,281	11,382	11,558	14,600	16,194	14,985
37	Rate 25 - NE	1,148	640	1,179	1,179	1,179	1,178	1,373	1,181
38	Rate 100 - NE	3,054	2,226	1,934	1,949	1,949	1,918	2,142	1,939
39	Total East Service Area	183,863	175,634	144,498	143,532	144,647	163,918	173,339	169,589
40	Total Union North Rate Zone	549,582	537,605	445,835	442,314	445,681	500,741	526,984	487,202

Summary of Rate Zone Alternatives - Revenue by Rate Class
Total Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	Current Rate Zones (2) (b)	One Rate Zone - Proposed (3) (c)	One Rate Zone - No Regional Adjustments (3) (d)	One Rate Zone - As Filed in Phase 1 (3) (e)	Two Rate Zones - One Rate Zone Distribution (3) (f)	Two Rate Zones (3) (g)	Four Rate Zones - One Rate Zone Distribution (3) (h)
<u>Union South Rate Zone</u>									
<u>South Service Area</u>									
41	Rate M1	1,079,648	1,134,310	1,165,219	1,155,120	1,162,585	1,136,032	1,119,592	1,142,434
42	Rate M2	203,094	203,393	216,476	214,168	217,175	200,811	198,195	202,255
43	Rate M4 - Firm	46,515	44,190	42,096	43,056	44,250	39,586	39,500	39,885
44	Rate M4 - IT	123	84	36	36	37	36	36	38
45	Rate M5 - Firm	429	422	377	383	392	360	358	368
46	Rate M5 - IT	2,705	1,840	1,718	1,701	1,797	1,520	1,497	1,477
47	Rate M7 - Firm	34,752	41,296	45,107	46,248	47,684	41,557	41,444	39,181
48	Rate M7 - IT & Seas	2,619	1,401	1,981	1,949	2,081	1,697	1,662	1,625
49	Rate M9	4,500	4,387	5,007	5,270	5,452	5,213	5,428	4,378
50	Rate T1 - Firm	13,526	11,623	13,685	16,793	13,067	15,635	16,258	13,689
51	Rate T1 - IT	852	167	62	111	62	62	70	62
52	Rate T2 - Firm	82,626	89,726	92,891	124,808	88,822	110,481	116,798	93,507
53	Rate T2 - IT	1,217	520	521	948	521	520	637	521
54	Rate T3	8,386	8,570	8,985	12,818	9,582	13,957	14,239	9,073
55	Total South Service Area	<u>1,480,992</u>	<u>1,541,927</u>	<u>1,594,162</u>	<u>1,623,410</u>	<u>1,593,506</u>	<u>1,567,465</u>	<u>1,555,715</u>	<u>1,548,495</u>
56	Total Union South Rate Zone	<u>1,480,992</u>	<u>1,541,927</u>	<u>1,594,162</u>	<u>1,623,410</u>	<u>1,593,506</u>	<u>1,567,465</u>	<u>1,555,715</u>	<u>1,548,495</u>
57	Total In-franchise	<u>5,097,046</u>	<u>5,089,434</u>	<u>5,089,369</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,369</u>
<u>Ex-franchise</u>									
58	Rate 331	179	179	179	179	179	179	179	179
59	Rate 332	19,704	18,374	18,380	18,380	18,380	18,380	18,380	18,380
60	Rate 401	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561
61	Rate M12/C1 Dawn-Parkway	121,269	113,189	113,249	113,249	113,249	113,249	113,249	113,249
62	Rate C1	17,291	16,600	16,600	16,600	16,600	16,600	16,600	16,600
63	Rate M13/GPA	424	785	785	785	785	785	785	785
64	Rate M16	603	646	646	646	646	646	646	646
65	Rate M17	573	592	592	592	592	592	592	592
66	Total Ex-franchise	<u>163,605</u>	<u>153,927</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>
67	Non-Utility Cross Charge	1,209	896	896	896	896	896	896	896
68	Total	<u>5,261,860</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>

Notes:

- (1) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.1, column (a).
- (2) Phase 3 Exhibit 8, Tab 2, Schedule 15, Attachment 1, p.1, column (h).
- (3) Phase 3 Exhibit 8, Tab 2, Schedules 9-14, Attachment 1, p.1, column (h). To determine the revenue for each current rate class, rates for the harmonized rate classes were applied to the 2024 Test Year customer forecast for each alternative.

Summary of Rate Zone Alternatives - Revenue by Rate Class
Delivery Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	Current Rate Zones (2) (b)	One Rate Zone - Proposed (3) (c)	One Rate Zone - No Regional Adjustments (3) (d)	One Rate Zone - As Filed in Phase 1 (3) (e)	Two Rate Zones - One Rate Zone Distribution (3) (f)	Two Rate Zones (3) (g)	Four Rate Zones - One Rate Zone Distribution (3) (h)
<u>EGD Rate Zone</u>									
<u>East Service Area</u>									
1	Rate 1	178,615	184,227	189,220	189,502	189,501	184,855	202,277	182,842
2	Rate 6	58,824	51,634	61,455	61,609	61,619	58,211	63,858	55,658
3	Rate 100	763	497	640	636	636	602	674	578
4	Rate 110	5,694	5,772	6,011	5,973	5,966	5,248	5,863	5,087
5	Rate 115	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-
7	Rate 135	342	442	229	230	229	209	211	222
8	Rate 145	123	78	52	52	51	46	48	49
9	Rate 170	584	214	479	480	477	405	416	427
10	Rate 200	5,168	4,466	4,298	4,439	4,434	3,566	3,731	3,284
11	Total East Service Area	250,112	247,331	262,384	262,920	262,913	253,141	277,078	248,147
<u>Central Service Area</u>									
12	Rate 1	902,901	933,878	951,254	952,818	952,820	950,050	926,970	961,804
13	Rate 6	404,728	353,374	350,729	351,700	351,655	344,010	337,538	358,626
14	Rate 100	1,625	1,098	1,730	1,722	1,723	1,781	1,766	1,715
15	Rate 110	31,636	32,194	34,564	34,352	34,321	35,659	35,409	35,240
16	Rate 115	6,688	5,523	6,375	6,315	6,289	6,607	6,572	7,112
17	Rate 125	12,827	13,694	13,185	13,063	13,093	12,892	11,785	13,011
18	Rate 135	1,859	2,441	1,274	1,274	1,270	1,299	1,323	1,254
19	Rate 145	931	756	471	471	470	478	488	458
20	Rate 170	2,364	901	1,992	1,998	1,973	2,068	2,143	2,000
21	Total Central Service Area	1,365,559	1,343,858	1,361,575	1,363,712	1,363,614	1,354,844	1,323,995	1,381,220
22	Total EGD Rate Zone	1,615,671	1,591,189	1,623,959	1,626,632	1,626,527	1,607,985	1,601,073	1,629,367
<u>Union North Rate Zone</u>									
<u>North Service Area</u>									
23	Rate 01 - NE	99,821	101,479	80,181	80,319	80,313	77,924	85,481	79,438
24	Rate 10 - NE	11,632	10,781	8,919	8,946	8,944	8,295	8,996	9,145
25	Rate 20 - NE	11,170	7,021	6,669	6,555	6,615	6,496	7,115	6,506
26	Rate 25 - NE	1,232	664	292	292	292	290	328	274
27	Rate 100 - NE	1,432	931	789	796	796	782	883	791
28	Rate 01 - NW	63,760	63,862	53,662	53,754	53,751	52,175	57,333	53,146
29	Rate 10 - NW	6,660	6,029	6,131	6,148	6,148	5,742	6,231	6,308
30	Rate 20 - NW	2,402	1,443	1,674	1,668	1,668	1,497	1,670	1,485
31	Rate 25 - NW	2,719	1,374	461	461	461	450	513	397
32	Rate 100 - NW	7,285	4,537	3,463	3,457	3,461	3,406	4,139	3,440
33	Total North Service Area	208,113	198,122	162,240	162,394	162,447	157,057	172,689	160,932
<u>East Service Area</u>									
34	Rate 01 - NE	73,801	74,898	66,489	66,593	66,595	64,836	71,144	64,004
35	Rate 10 - NE	11,249	10,420	7,384	7,409	7,405	6,786	7,361	6,363
36	Rate 20 - NE	17,211	10,444	9,116	9,061	9,069	8,604	10,499	8,615
37	Rate 25 - NE	1,122	581	1,130	1,130	1,130	1,128	1,324	1,131
38	Rate 100 - NE	3,048	2,003	1,731	1,746	1,746	1,716	1,936	1,736
39	Total East Service Area	106,431	98,346	85,849	85,938	85,945	83,069	92,265	81,849
40	Total Union North Rate Zone	314,544	296,468	248,089	248,332	248,392	240,127	264,954	242,781

Summary of Rate Zone Alternatives - Revenue by Rate Class
Delivery Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	Current Rate Zones (2) (b)	One Rate Zone - Proposed (3) (c)	One Rate Zone - No Regional Adjustments (3) (d)	One Rate Zone - As Filed in Phase 1 (3) (e)	Two Rate Zones - One Rate Zone Distribution (3) (f)	Two Rate Zones (3) (g)	Four Rate Zones - One Rate Zone Distribution (3) (h)
<u>Union South Rate Zone</u>									
<u>South Service Area</u>									
41	Rate M1	571,924	632,104	648,593	649,675	649,642	647,314	632,846	647,429
42	Rate M2	88,964	88,347	88,972	89,251	89,227	86,935	85,476	88,515
43	Rate M4 - Firm	35,673	32,468	26,572	26,416	26,401	27,458	27,256	28,140
44	Rate M4 - IT	120	80	34	34	34	35	35	38
45	Rate M5 - Firm	372	365	281	280	280	290	287	302
46	Rate M5 - IT	2,331	1,436	989	989	984	1,008	1,030	1,084
47	Rate M7 - Firm	28,030	32,610	31,713	31,521	31,505	32,506	32,255	30,786
48	Rate M7 - IT & Seas	2,121	911	1,023	1,023	1,017	1,048	1,076	1,145
49	Rate M9	1,821	1,606	1,687	1,742	1,738	2,561	2,597	1,633
50	Rate T1 - Firm	13,189	10,584	12,481	11,818	11,888	14,440	14,295	12,483
51	Rate T1 - IT	825	121	22	20	22	22	21	22
52	Rate T2 - Firm	78,966	78,778	82,176	78,324	78,374	99,884	98,520	82,782
53	Rate T2 - IT	1,191	470	468	447	468	468	467	469
54	Rate T3	8,098	7,386	7,801	8,353	8,357	12,778	12,669	7,885
55	Total South Service Area	<u>833,626</u>	<u>887,266</u>	<u>902,810</u>	<u>899,893</u>	<u>899,938</u>	<u>926,746</u>	<u>908,832</u>	<u>902,710</u>
56	Total Union South Rate Zone	<u>833,626</u>	<u>887,266</u>	<u>902,810</u>	<u>899,893</u>	<u>899,938</u>	<u>926,746</u>	<u>908,832</u>	<u>902,710</u>
57	Total In-franchise	<u>2,763,841</u>	<u>2,774,923</u>	<u>2,774,858</u>	<u>2,774,858</u>	<u>2,774,858</u>	<u>2,774,858</u>	<u>2,774,858</u>	<u>2,774,858</u>
<u>Ex-franchise</u>									
58	Rate 331	179	179	179	179	179	179	179	179
59	Rate 332	19,704	18,374	18,380	18,380	18,380	18,380	18,380	18,380
60	Rate 401	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561
61	Rate M12/C1 Dawn-Parkway	107,396	95,972	96,032	96,032	96,032	96,032	96,032	96,032
62	Rate C1	14,992	13,566	13,566	13,566	13,566	13,566	13,566	13,566
63	Rate M13/GPA	386	708	708	708	708	708	708	708
64	Rate M16	440	356	356	356	356	356	356	356
65	Rate M17	543	543	544	544	544	544	544	544
66	Total Ex-franchise	<u>147,200</u>	<u>133,260</u>	<u>133,326</u>	<u>133,325</u>	<u>133,325</u>	<u>133,325</u>	<u>133,325</u>	<u>133,325</u>
67	Non-Utility Cross Charge	1,209	896	896	896	896	896	896	896
68	Total	<u>2,912,249</u>	<u>2,909,079</u>	<u>2,909,080</u>	<u>2,909,079</u>	<u>2,909,079</u>	<u>2,909,079</u>	<u>2,909,079</u>	<u>2,909,079</u>

Note:

- (1) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.2, column (a).
- (2) Phase 3 Exhibit 8, Tab 2, Schedule 15, Attachment 1, p.2, column (h).
- (3) Phase 3 Exhibit 8, Tab 2, Schedules 9-14, Attachment 1, p.2, column (h). To determine the revenue for each current rate class, rates for the harmonized rate classes were applied to the 2024 Test Year customer forecast for each alternative.

Summary of Rate Zone Alternatives - Revenue by Rate Class
Gas Cost Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	Current Rate Zones (2) (b)	One Rate Zone - Proposed (3) (c)	One Rate Zone - No Regional Adjustments (3) (d)	One Rate Zone - As Filed in Phase 1 (3) (e)	Two Rate Zones - One Rate Zone Distribution (3) (f)	Two Rate Zones (3) (g)	Four Rate Zones - One Rate Zone Distribution (3) (h)
<u>EGD Rate Zone</u>									
<u>East Service Area</u>									
1	Rate 1	130,276	124,431	126,540	123,741	125,512	153,180	155,208	164,765
2	Rate 6	67,689	66,114	66,180	64,920	66,260	98,793	98,603	108,543
3	Rate 100	1,757	1,665	1,667	1,687	1,709	1,853	1,810	1,829
4	Rate 110	5,819	7,138	6,332	6,657	7,008	13,714	13,016	14,348
5	Rate 115	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-
7	Rate 135	44	176	173	138	154	466	391	463
8	Rate 145	11	30	19	18	23	102	91	111
9	Rate 170	(170)	462	300	289	354	1,602	1,420	1,737
10	Rate 200	24,148	22,908	25,182	22,707	23,095	30,770	28,425	29,772
11	Total East Service Area	229,573	222,925	226,394	220,157	224,113	300,480	298,964	321,568
<u>Central Service Area</u>									
12	Rate 1	717,901	685,640	697,328	681,931	691,681	661,493	659,081	654,248
13	Rate 6	482,670	471,448	469,965	461,033	470,702	428,752	425,182	424,563
14	Rate 100	832	871	784	815	849	706	709	704
15	Rate 110	17,954	25,964	21,158	22,845	24,670	15,911	16,085	16,664
16	Rate 115	2,056	5,413	4,637	5,363	6,143	2,196	2,271	2,663
17	Rate 125	493	644	672	672	672	672	655	673
18	Rate 135	430	1,100	1,096	914	994	808	735	797
19	Rate 145	150	253	196	191	216	143	133	154
20	Rate 170	(1,256)	4,456	3,183	3,090	3,614	2,016	1,783	2,269
21	Total Central Service Area	1,221,229	1,195,787	1,199,019	1,176,854	1,199,541	1,112,697	1,106,633	1,102,736
22	Total EGD Rate Zone	1,450,802	1,418,713	1,425,413	1,397,011	1,423,653	1,413,177	1,405,597	1,424,304
<u>Union North Rate Zone</u>									
<u>North Service Area</u>									
23	Rate 01 - NE	88,906	87,422	67,508	66,045	67,032	83,636	84,563	74,747
24	Rate 10 - NE	15,976	15,867	11,854	11,611	11,896	19,419	19,325	14,709
25	Rate 20 - NE	3,330	3,604	3,144	3,177	3,213	3,841	3,778	3,519
26	Rate 25 - NE	46	89	75	75	76	77	75	75
27	Rate 100 - NE	3	108	104	104	104	104	106	104
28	Rate 01 - NW	40,408	44,729	44,831	43,873	44,513	55,093	55,714	49,472
29	Rate 10 - NW	6,856	8,787	8,100	7,956	8,126	12,575	12,523	9,788
30	Rate 20 - NW	1,517	1,888	2,091	2,158	2,229	3,601	3,461	2,874
31	Rate 25 - NW	548	733	818	816	826	847	822	821
32	Rate 100 - NW	15	622	572	572	572	572	589	573
33	Total North Service Area	157,605	163,849	139,097	136,387	138,587	179,765	180,956	156,681
<u>East Service Area</u>									
34	Rate 01 - NE	58,652	57,671	44,605	43,642	44,292	55,266	55,882	59,582
35	Rate 10 - NE	15,773	15,658	11,626	11,379	11,668	19,334	19,243	21,535
36	Rate 20 - NE	2,976	3,678	2,165	2,321	2,489	5,996	5,695	6,371
37	Rate 25 - NE	26	58	49	49	49	50	49	50
38	Rate 100 - NE	5	223	203	203	203	202	206	203
39	Total East Service Area	77,433	77,289	58,648	57,594	58,702	80,849	81,075	87,740
40	Total Union North Rate Zone	235,037	241,138	197,746	193,981	197,289	260,614	262,030	244,421

Summary of Rate Zone Alternatives - Revenue by Rate Class
Gas Cost Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	Current Rate Zones (2) (b)	One Rate Zone - Proposed (3) (c)	One Rate Zone - No Regional Adjustments (3) (d)	One Rate Zone - As Filed in Phase 1 (3) (e)	Two Rate Zones - One Rate Zone Distribution (3) (f)	Two Rate Zones (3) (g)	Four Rate Zones - One Rate Zone Distribution (3) (h)
<u>Union South Rate Zone</u>									
<u>South Service Area</u>									
41	Rate M1	507,724	502,206	516,626	505,445	512,943	488,718	486,746	495,004
42	Rate M2	114,130	115,046	127,504	124,917	127,948	113,876	112,718	113,741
43	Rate M4 - Firm	10,842	11,721	15,525	16,640	17,849	12,129	12,244	11,745
44	Rate M4 - IT	3	4	2	2	2	1	1	1
45	Rate M5 - Firm	57	57	96	104	113	70	71	66
46	Rate M5 - IT	374	404	730	712	812	512	468	393
47	Rate M7 - Firm	6,722	8,686	13,394	14,727	16,179	9,051	9,188	8,396
48	Rate M7 - IT & Seas	498	490	958	926	1,064	649	586	481
49	Rate M9	2,680	2,781	3,320	3,528	3,713	2,651	2,831	2,745
50	Rate T1 - Firm	336	1,038	1,205	4,975	1,179	1,195	1,963	1,206
51	Rate T1 - IT	27	45	41	91	41	40	49	41
52	Rate T2 - Firm	3,660	10,948	10,715	46,484	10,448	10,597	18,278	10,726
53	Rate T2 - IT	26	50	52	501	52	51	170	52
54	Rate T3	287	1,183	1,184	4,465	1,224	1,179	1,570	1,189
55	Total South Service Area	<u>647,366</u>	<u>654,661</u>	<u>691,352</u>	<u>723,517</u>	<u>693,568</u>	<u>640,719</u>	<u>646,883</u>	<u>645,785</u>
56	Total Union South Rate Zone	<u>647,366</u>	<u>654,661</u>	<u>691,352</u>	<u>723,517</u>	<u>693,568</u>	<u>640,719</u>	<u>646,883</u>	<u>645,785</u>
57	Total In-franchise	<u>2,333,206</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,511</u>
<u>Ex-franchise</u>									
58	Rate 331	-	-	-	-	-	-	-	-
59	Rate 332	-	-	-	-	-	-	-	-
60	Rate 401	-	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	13,874	17,217	17,217	17,217	17,217	17,217	17,217	17,217
62	Rate C1	2,300	3,035	3,035	3,035	3,035	3,035	3,035	3,035
63	Rate M13/GPA	38	76	76	76	76	76	76	76
64	Rate M16	164	291	291	291	291	291	291	291
65	Rate M17	30	49	49	49	49	49	49	49
66	Total Ex-franchise	<u>16,405</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>
67	Non-Utility Cross Charge	-	-	-	-	-	-	-	-
68	Total	<u>2,349,611</u>	<u>2,335,178</u>	<u>2,335,178</u>	<u>2,335,178</u>	<u>2,335,178</u>	<u>2,335,177</u>	<u>2,335,178</u>	<u>2,335,178</u>

Note:

- (1) Phase 3 Exhibit 8, Tab 2, Schedules 9-15, Attachment 1, p.3, column (a).
(2) Phase 3 Exhibit 8, Tab 2, Schedule 15, Attachment 1, p.1, column (h).
(3) Phase 3 Exhibit 8, Tab 2, Schedules 9-14, Attachment 1, p.1, column (h). To determine the revenue for each current rate class, rates for the harmonized rate classes were applied to the 2024 Test Year customer forecast for each alternative.

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1) (a)	One Rate Zone - Proposed (1) (b)	One Rate Zone - No Regional Adjustments (1) (c)	One Rate Zone - As Filed in Phase 1 (1) (d)	Two Rate Zones - One Rate Zone Distribution (1) (e)	Two Rate Zones (1) (f)	Four Rate Zones - One Rate Zone Distribution (1) (g)
	<u>EGD Rate Zone</u>							
	<u>East Service Area</u>							
1	Rate 1	(0%)	2%	1%	2%	9%	16%	13%
2	Rate 6	(7%)	1%	0%	1%	24%	28%	30%
3	Rate 100	(14%)	(8%)	(8%)	(7%)	(3%)	(1%)	(4%)
4	Rate 110	12%	7%	10%	13%	65%	64%	69%
5	Rate 115	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-
7	Rate 135	60%	4%	(5%)	(1%)	75%	56%	78%
8	Rate 145	(19%)	(47%)	(48%)	(45%)	11%	3%	19%
9	Rate 170	63%	88%	85%	100%	384%	343%	422%
10	Rate 200	(7%)	1%	(7%)	(6%)	17%	10%	13%
11	Total East Service Area	<u>(2%)</u>	<u>2%</u>	<u>1%</u>	<u>2%</u>	<u>15%</u>	<u>20%</u>	<u>19%</u>
	<u>Central Service Area</u>							
12	Rate 1	(0%)	2%	1%	1%	(1%)	(2%)	(0%)
13	Rate 6	(7%)	(8%)	(8%)	(7%)	(13%)	(14%)	(12%)
14	Rate 100	(20%)	2%	3%	5%	1%	1%	(2%)
15	Rate 110	17%	12%	15%	19%	4%	4%	5%
16	Rate 115	25%	26%	34%	42%	1%	1%	12%
17	Rate 125	8%	4%	3%	3%	2%	(7%)	3%
18	Rate 135	55%	4%	(4%)	(1%)	(8%)	(10%)	(10%)
19	Rate 145	(7%)	(38%)	(39%)	(37%)	(42%)	(43%)	(43%)
20	Rate 170	<u>383%</u>	<u>367%</u>	<u>359%</u>	<u>404%</u>	<u>268%</u>	<u>254%</u>	<u>285%</u>
21	Total Central Service Area	<u>(2%)</u>	<u>(1%)</u>	<u>(2%)</u>	<u>(1%)</u>	<u>(5%)</u>	<u>(6%)</u>	<u>(4%)</u>
22	Total EGD Rate Zone	<u>(2%)</u>	<u>(1%)</u>	<u>(1%)</u>	<u>(1%)</u>	<u>(1%)</u>	<u>(2%)</u>	<u>(0%)</u>
	<u>Union North Rate Zone</u>							
	<u>North Service Area</u>							
23	Rate 01 - NE	0%	(22%)	(22%)	(22%)	(14%)	(10%)	(18%)
24	Rate 10 - NE	(3%)	(25%)	(26%)	(25%)	0%	3%	(14%)
25	Rate 20 - NE	(27%)	(32%)	(33%)	(32%)	(29%)	(25%)	(31%)
26	Rate 25 - NE	(41%)	(71%)	(71%)	(71%)	(71%)	(68%)	(73%)
27	Rate 100 - NE	(28%)	(38%)	(37%)	(37%)	(38%)	(31%)	(38%)
28	Rate 01 - NW	4%	(5%)	(6%)	(6%)	3%	9%	(1%)
29	Rate 10 - NW	10%	5%	4%	6%	36%	39%	19%
30	Rate 20 - NW	(15%)	(4%)	(2%)	(1%)	30%	31%	11%
31	Rate 25 - NW	(35%)	(61%)	(61%)	(61%)	(60%)	(59%)	(63%)
32	Rate 100 - NW	<u>(29%)</u>	<u>(45%)</u>	<u>(45%)</u>	<u>(45%)</u>	<u>(46%)</u>	<u>(35%)</u>	<u>(45%)</u>
33	Total North Service Area	<u>(1%)</u>	<u>(18%)</u>	<u>(18%)</u>	<u>(18%)</u>	<u>(8%)</u>	<u>(3%)</u>	<u>(13%)</u>
	<u>East Service Area</u>							
34	Rate 01 - NE	0%	(16%)	(17%)	(16%)	(9%)	(4%)	(7%)
35	Rate 10 - NE	(3%)	(30%)	(30%)	(29%)	(3%)	(2%)	3%
36	Rate 20 - NE	(30%)	(44%)	(44%)	(43%)	(28%)	(20%)	(26%)
37	Rate 25 - NE	(44%)	3%	3%	3%	3%	20%	3%
38	Rate 100 - NE	<u>(27%)</u>	<u>(37%)</u>	<u>(36%)</u>	<u>(36%)</u>	<u>(37%)</u>	<u>(30%)</u>	<u>(37%)</u>
39	Total East Service Area	<u>(4%)</u>	<u>(21%)</u>	<u>(22%)</u>	<u>(21%)</u>	<u>(11%)</u>	<u>(6%)</u>	<u>(8%)</u>
40	Total Union North Rate Zone	<u>(2%)</u>	<u>(19%)</u>	<u>(20%)</u>	<u>(19%)</u>	<u>(9%)</u>	<u>(4%)</u>	<u>(11%)</u>

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1) (a)	One Rate Zone - Proposed (1) (b)	One Rate Zone - No Regional Adjustments (1) (c)	One Rate Zone - As Filed in Phase 1 (1) (d)	Two Rate Zones - One Rate Zone Distribution (1) (e)	Two Rate Zones (1) (f)	Four Rate Zones - One Rate Zone Distribution (1) (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
41	Rate M1	5%	8%	7%	8%	5%	4%	6%
42	Rate M2	0%	7%	5%	7%	(1%)	(2%)	(0%)
43	Rate M4 - Firm	(5%)	(9%)	(7%)	(5%)	(15%)	(15%)	(14%)
44	Rate M4 - IT	(31%)	(70%)	(71%)	(70%)	(71%)	(70%)	(69%)
45	Rate M5 - Firm	(2%)	(12%)	(11%)	(9%)	(16%)	(17%)	(14%)
46	Rate M5 - IT	(32%)	(36%)	(37%)	(34%)	(44%)	(45%)	(45%)
47	Rate M7 - Firm	19%	30%	33%	37%	20%	19%	13%
48	Rate M7 - IT & Seas	(47%)	(24%)	(26%)	(21%)	(35%)	(37%)	(38%)
49	Rate M9	(3%)	11%	17%	21%	16%	21%	(3%)
50	Rate T1 - Firm	(14%)	1%	24%	(3%)	16%	20%	1%
51	Rate T1 - IT	(80%)	(93%)	(87%)	(93%)	(93%)	(92%)	(93%)
52	Rate T2 - Firm	9%	12%	51%	7%	34%	41%	13%
53	Rate T2 - IT	(57%)	(57%)	(22%)	(57%)	(57%)	(48%)	(57%)
54	Rate T3	2%	7%	53%	14%	66%	70%	8%
55	Total South Service Area	4%	8%	10%	8%	6%	5%	5%
56	Total Union South Rate Zone	4%	8%	10%	8%	6%	5%	5%
57	Total In-franchise	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
<u>Ex-franchise</u>								
58	Rate 331	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
59	Rate 332	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)
60	Rate 401	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)
62	Rate C1	(4%)	(4%)	(4%)	(4%)	(4%)	(4%)	(4%)
63	Rate M13/GPA	85%	85%	85%	85%	85%	85%	85%
64	Rate M16	7%	7%	7%	7%	7%	7%	7%
65	Rate M17	3%	3%	3%	3%	3%	3%	3%
66	Total Ex-franchise	(6%)	(6%)	(6%)	(6%)	(6%)	(6%)	(6%)
67	Non-Utility Cross Charge	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)
68	Total	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 4-5, columns (b) to (h) relative to current approved revenue in column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1) (a)	One Rate Zone - Proposed (1) (b)	One Rate Zone - No Regional Adjustments (1) (c)	One Rate Zone - As Filed in Phase 1 (1) (d)	Two Rate Zones - One Rate Zone Distribution (1) (e)	Two Rate Zones (1) (f)	Four Rate Zones - One Rate Zone Distribution (1) (g)
<u>EGD Rate Zone</u>								
<u>East Service Area</u>								
1	Rate 1	3%	6%	6%	6%	3%	13%	2%
2	Rate 6	(12%)	4%	5%	5%	(1%)	9%	(5%)
3	Rate 100	(35%)	(16%)	(17%)	(17%)	(21%)	(12%)	(24%)
4	Rate 110	1%	6%	5%	5%	(8%)	3%	(11%)
5	Rate 115	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-
7	Rate 135	29%	(33%)	(33%)	(33%)	(39%)	(38%)	(35%)
8	Rate 145	(36%)	(58%)	(58%)	(58%)	(62%)	(61%)	(60%)
9	Rate 170	(63%)	(18%)	(18%)	(18%)	(31%)	(29%)	(27%)
10	Rate 200	(14%)	(17%)	(14%)	(14%)	(31%)	(28%)	(36%)
11	Total East Service Area	(1%)	5%	5%	5%	1%	11%	(1%)
<u>Central Service Area</u>								
12	Rate 1	3%	5%	6%	6%	5%	3%	7%
13	Rate 6	(13%)	(13%)	(13%)	(13%)	(15%)	(17%)	(11%)
14	Rate 100	(32%)	6%	6%	6%	10%	9%	6%
15	Rate 110	2%	9%	9%	8%	13%	12%	11%
16	Rate 115	(17%)	(5%)	(6%)	(6%)	(1%)	(2%)	6%
17	Rate 125	7%	3%	2%	2%	1%	(8%)	1%
18	Rate 135	31%	(31%)	(31%)	(32%)	(30%)	(29%)	(33%)
19	Rate 145	(19%)	(49%)	(49%)	(50%)	(49%)	(48%)	(51%)
20	Rate 170	(62%)	(16%)	(15%)	(17%)	(13%)	(9%)	(15%)
21	Total Central Service Area	(2%)	(0%)	(0%)	(0%)	(1%)	(3%)	1%
22	Total EGD Rate Zone	(2%)	1%	1%	1%	(0%)	(1%)	1%
<u>Union North Rate Zone</u>								
<u>North Service Area</u>								
23	Rate 01 - NE	2%	(20%)	(20%)	(20%)	(22%)	(14%)	(20%)
24	Rate 10 - NE	(7%)	(23%)	(23%)	(23%)	(29%)	(23%)	(21%)
25	Rate 20 - NE	(37%)	(40%)	(41%)	(41%)	(42%)	(36%)	(42%)
26	Rate 25 - NE	(46%)	(76%)	(76%)	(76%)	(76%)	(73%)	(78%)
27	Rate 100 - NE	(35%)	(45%)	(44%)	(44%)	(45%)	(38%)	(45%)
28	Rate 01 - NW	0%	(16%)	(16%)	(16%)	(18%)	(10%)	(17%)
29	Rate 10 - NW	(9%)	(8%)	(8%)	(8%)	(14%)	(6%)	(5%)
30	Rate 20 - NW	(40%)	(30%)	(31%)	(31%)	(38%)	(30%)	(38%)
31	Rate 25 - NW	(49%)	(83%)	(83%)	(83%)	(83%)	(81%)	(85%)
32	Rate 100 - NW	(38%)	(52%)	(53%)	(52%)	(53%)	(43%)	(53%)
33	Total North Service Area	(5%)	(22%)	(22%)	(22%)	(25%)	(17%)	(23%)
<u>East Service Area</u>								
34	Rate 01 - NE	1%	(10%)	(10%)	(10%)	(12%)	(4%)	(13%)
35	Rate 10 - NE	(7%)	(34%)	(34%)	(34%)	(40%)	(35%)	(43%)
36	Rate 20 - NE	(39%)	(47%)	(47%)	(47%)	(50%)	(39%)	(50%)
37	Rate 25 - NE	(48%)	1%	1%	1%	1%	18%	1%
38	Rate 100 - NE	(34%)	(43%)	(43%)	(43%)	(44%)	(36%)	(43%)
39	Total East Service Area	(8%)	(19%)	(19%)	(19%)	(22%)	(13%)	(23%)
40	Total Union North Rate Zone	(6%)	(21%)	(21%)	(21%)	(24%)	(16%)	(23%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1) (a)	One Rate Zone - Proposed (1) (b)	One Rate Zone - No Regional Adjustments (1) (c)	One Rate Zone - As Filed in Phase 1 (1) (d)	Two Rate Zones - One Rate Zone Distribution (1) (e)	Two Rate Zones (1) (f)	Four Rate Zones - One Rate Zone Distribution (1) (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
41	Rate M1	11%	13%	14%	14%	13%	11%	13%
42	Rate M2	(1%)	0%	0%	0%	(2%)	(4%)	(1%)
43	Rate M4 - Firm	(9%)	(26%)	(26%)	(26%)	(23%)	(24%)	(21%)
44	Rate M4 - IT	(33%)	(71%)	(71%)	(71%)	(71%)	(71%)	(69%)
45	Rate M5 - Firm	(2%)	(24%)	(25%)	(25%)	(22%)	(23%)	(19%)
46	Rate M5 - IT	(38%)	(58%)	(58%)	(58%)	(57%)	(56%)	(54%)
47	Rate M7 - Firm	16%	13%	12%	12%	16%	15%	10%
48	Rate M7 - IT & Seas	(57%)	(52%)	(52%)	(52%)	(51%)	(49%)	(46%)
49	Rate M9	(12%)	(7%)	(4%)	(5%)	41%	43%	(10%)
50	Rate T1 - Firm	(20%)	(5%)	(10%)	(10%)	9%	8%	(5%)
51	Rate T1 - IT	(85%)	(97%)	(98%)	(97%)	(97%)	(97%)	(97%)
52	Rate T2 - Firm	(0%)	4%	(1%)	(1%)	26%	25%	5%
53	Rate T2 - IT	(61%)	(61%)	(63%)	(61%)	(61%)	(61%)	(61%)
54	Rate T3	(9%)	(4%)	3%	3%	58%	56%	(3%)
55	Total South Service Area	6%	8%	8%	8%	11%	9%	8%
56	Total Union South Rate Zone	6%	8%	8%	8%	11%	9%	8%
57	Total In-franchise	0%	0%	0%	0%	0%	0%	0%
<u>Ex-franchise</u>								
58	Rate 331	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
59	Rate 332	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)
60	Rate 401	-	-	-	-	(0%)	(0%)	(0%)
61	Rate M12/C1 Dawn-Parkway	(11%)	(11%)	(11%)	(11%)	(11%)	(11%)	(11%)
62	Rate C1	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)
63	Rate M13/GPA	84%	84%	84%	84%	84%	84%	84%
64	Rate M16	(19%)	(19%)	(19%)	(19%)	(19%)	(19%)	(19%)
65	Rate M17	0%	0%	0%	0%	0%	0%	0%
66	Total Ex-franchise	(9%)	(9%)	(9%)	(9%)	(9%)	(9%)	(9%)
67	Non-Utility Cross Charge	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)
68	Total	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 6-7, columns (b) to (h) relative to current approved revenue in column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1) (a)	One Rate Zone - Proposed (1) (b)	One Rate Zone - No Regional Adjustments (1) (c)	One Rate Zone - As Filed in Phase 1 (1) (d)	Two Rate Zones - One Rate Zone Distribution (1) (e)	Two Rate Zones (1) (f)	Four Rate Zones - One Rate Zone Distribution (1) (g)
	<u>EGD Rate Zone</u>							
	<u>East Service Area</u>							
1	Rate 1	(4%)	(3%)	(5%)	(4%)	18%	19%	26%
2	Rate 6	(2%)	(2%)	(4%)	(2%)	46%	46%	60%
3	Rate 100	(5%)	(5%)	(4%)	(3%)	5%	3%	4%
4	Rate 110	23%	9%	14%	20%	136%	124%	147%
5	Rate 115	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-
7	Rate 135	299%	293%	214%	249%	958%	788%	951%
8	Rate 145	173%	77%	70%	108%	842%	735%	921%
9	Rate 170	100%	(277%)	(270%)	(308%)	(1044%)	(937%)	(1123%)
10	Rate 200	(5%)	4%	(6%)	(4%)	27%	18%	23%
11	Total East Service Area	(3%)	(1%)	(4%)	(2%)	31%	30%	40%
	<u>Central Service Area</u>							
12	Rate 1	(4%)	(3%)	(5%)	(4%)	(8%)	(8%)	(9%)
13	Rate 6	(2%)	(3%)	(4%)	(2%)	(11%)	(12%)	(12%)
14	Rate 100	5%	(6%)	(2%)	2%	(15%)	(15%)	(15%)
15	Rate 110	45%	18%	27%	37%	(11%)	(10%)	(7%)
16	Rate 115	163%	126%	161%	199%	7%	10%	30%
17	Rate 125	30%	36%	36%	36%	36%	33%	36%
18	Rate 135	156%	155%	112%	131%	88%	71%	85%
19	Rate 145	69%	31%	28%	44%	(4%)	(11%)	3%
20	Rate 170	100%	(353%)	(346%)	(388%)	(261%)	(242%)	(281%)
21	Total Central Service Area	(2%)	(2%)	(4%)	(2%)	(9%)	(9%)	(10%)
22	Total EGD Rate Zone	(2%)	(2%)	(4%)	(2%)	(3%)	(3%)	(2%)
	<u>Union North Rate Zone</u>							
	<u>North Service Area</u>							
23	Rate 01 - NE	(2%)	(24%)	(26%)	(25%)	(6%)	(5%)	(16%)
24	Rate 10 - NE	(1%)	(26%)	(27%)	(26%)	22%	21%	(8%)
25	Rate 20 - NE	8%	(6%)	(5%)	(4%)	15%	13%	6%
26	Rate 25 - NE	95%	63%	63%	65%	68%	64%	64%
27	Rate 100 - NE	4010%	3852%	3852%	3852%	3837%	3906%	3852%
28	Rate 01 - NW	11%	11%	9%	10%	36%	38%	22%
29	Rate 10 - NW	28%	18%	16%	19%	83%	83%	43%
30	Rate 20 - NW	24%	38%	42%	47%	137%	128%	89%
31	Rate 25 - NW	34%	49%	49%	51%	55%	50%	50%
32	Rate 100 - NW	4010%	3685%	3685%	3685%	3680%	3792%	3686%
33	Total North Service Area	4%	(12%)	(13%)	(12%)	14%	15%	(1%)
	<u>East Service Area</u>							
34	Rate 01 - NE	(2%)	(24%)	(26%)	(24%)	(6%)	(5%)	2%
35	Rate 10 - NE	(1%)	(26%)	(28%)	(26%)	23%	22%	37%
36	Rate 20 - NE	24%	(27%)	(22%)	(16%)	101%	91%	114%
37	Rate 25 - NE	122%	86%	86%	88%	91%	87%	89%
38	Rate 100 - NE	4010%	3635%	3635%	3635%	3619%	3691%	3635%
39	Total East Service Area	(0%)	(24%)	(26%)	(24%)	4%	5%	13%
40	Total Union North Rate Zone	3%	(16%)	(17%)	(16%)	11%	11%	4%

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1) (a)	One Rate Zone - Proposed (1) (b)	One Rate Zone - No Regional Adjustments (1) (c)	One Rate Zone - As Filed in Phase 1 (1) (d)	Two Rate Zones - One Rate Zone Distribution (1) (e)	Two Rate Zones (1) (f)	Four Rate Zones - One Rate Zone Distribution (1) (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
41	Rate M1	(1%)	2%	(0%)	1%	(4%)	(4%)	(3%)
42	Rate M2	1%	12%	9%	12%	(0%)	(1%)	(0%)
43	Rate M4 - Firm	8%	43%	53%	65%	12%	13%	8%
44	Rate M4 - IT	34%	(30%)	(33%)	(18%)	(63%)	(70%)	(82%)
45	Rate M5 - Firm	(1%)	67%	81%	97%	23%	24%	16%
46	Rate M5 - IT	8%	95%	90%	117%	37%	25%	5%
47	Rate M7 - Firm	29%	99%	119%	141%	35%	37%	25%
48	Rate M7 - IT & Seas	(2%)	92%	86%	114%	30%	18%	(4%)
49	Rate M9	4%	24%	32%	39%	(1%)	6%	2%
50	Rate T1 - Firm	209%	258%	1379%	250%	255%	484%	259%
51	Rate T1 - IT	68%	52%	239%	52%	48%	82%	52%
52	Rate T2 - Firm	199%	193%	1170%	185%	190%	399%	193%
53	Rate T2 - IT	94%	100%	1824%	100%	97%	552%	100%
54	Rate T3	312%	312%	1454%	326%	310%	446%	314%
55	Total South Service Area	1%	7%	12%	7%	(1%)	(0%)	(0%)
56	Total Union South Rate Zone	1%	7%	12%	7%	(1%)	(0%)	(0%)
57	Total In-franchise	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)
<u>Ex-franchise</u>								
58	Rate 331	-	-	-	-	-	-	-
59	Rate 332	-	-	-	-	-	-	-
60	Rate 401	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	24%	24%	24%	24%	24%	24%	24%
62	Rate C1	32%	32%	32%	32%	32%	32%	32%
63	Rate M13/GPA	99%	99%	99%	99%	99%	99%	99%
64	Rate M16	77%	77%	77%	77%	77%	77%	77%
65	Rate M17	62%	62%	63%	63%	63%	63%	63%
66	Total Ex-franchise	26%	26%	26%	26%	26%	26%	26%
67	Non-Utility Cross Charge	-	-	-	-	-	-	-
68	Total	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 8-9, columns (b) to (h) relative to current approved revenue in column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)
	<u>EGD Rate Zone</u>						
	<u>East Service Area</u>						
1	Rate 1	2%	1%	2%	10%	16%	13%
2	Rate 6	8%	7%	9%	33%	38%	39%
3	Rate 100	7%	7%	8%	14%	15%	11%
4	Rate 110	(4%)	(2%)	0%	47%	46%	51%
5	Rate 115	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-
7	Rate 135	(35%)	(40%)	(38%)	9%	(2%)	11%
8	Rate 145	(34%)	(35%)	(31%)	38%	28%	48%
9	Rate 170	15%	14%	23%	197%	171%	220%
10	Rate 200	8%	(1%)	1%	25%	17%	21%
11	Total East Service Area	4%	3%	4%	18%	22%	21%
	<u>Central Service Area</u>						
12	Rate 1	2%	1%	2%	(0%)	(2%)	(0%)
13	Rate 6	(1%)	(1%)	(0%)	(6%)	(8%)	(5%)
14	Rate 100	28%	29%	31%	26%	26%	23%
15	Rate 110	(4%)	(2%)	1%	(11%)	(11%)	(11%)
16	Rate 115	1%	7%	14%	(19%)	(19%)	(11%)
17	Rate 125	(3%)	(4%)	(4%)	(5%)	(13%)	(5%)
18	Rate 135	(33%)	(38%)	(36%)	(40%)	(42%)	(42%)
19	Rate 145	(34%)	(34%)	(32%)	(38%)	(38%)	(39%)
20	Rate 170	(3%)	(5%)	4%	(24%)	(27%)	(20%)
21	Total Central Service Area	1%	0%	1%	(3%)	(4%)	(2%)
22	Total EGD Rate Zone	1%	0%	1%	0%	(0%)	1%
	<u>Union North Rate Zone</u>						
	<u>North Service Area</u>						
23	Rate 01 - NE	(22%)	(23%)	(22%)	(14%)	(10%)	(18%)
24	Rate 10 - NE	(22%)	(23%)	(22%)	4%	6%	(10%)
25	Rate 20 - NE	(8%)	(8%)	(7%)	(3%)	3%	(6%)
26	Rate 25 - NE	(51%)	(51%)	(51%)	(51%)	(46%)	(54%)
27	Rate 100 - NE	(14%)	(13%)	(13%)	(15%)	(5%)	(14%)
28	Rate 01 - NW	(9%)	(10%)	(10%)	(1%)	4%	(6%)
29	Rate 10 - NW	(4%)	(5%)	(4%)	24%	27%	9%
30	Rate 20 - NW	13%	15%	17%	53%	54%	31%
31	Rate 25 - NW	(39%)	(39%)	(39%)	(38%)	(37%)	(42%)
32	Rate 100 - NW	(22%)	(22%)	(22%)	(23%)	(8%)	(22%)
33	Total North Service Area	(17%)	(17%)	(17%)	(7%)	(2%)	(12%)
	<u>East Service Area</u>						
34	Rate 01 - NE	(16%)	(17%)	(16%)	(9%)	(4%)	(7%)
35	Rate 10 - NE	(27%)	(28%)	(27%)	0%	2%	7%
36	Rate 20 - NE	(20%)	(19%)	(18%)	3%	15%	6%
37	Rate 25 - NE	84%	84%	84%	84%	115%	85%
38	Rate 100 - NE	(13%)	(12%)	(12%)	(14%)	(4%)	(13%)
39	Total East Service Area	(18%)	(18%)	(18%)	(7%)	(1%)	(3%)
40	Total Union North Rate Zone	(17%)	(18%)	(17%)	(7%)	(2%)	(9%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)
<u>Union South Rate Zone</u>							
<u>South Service Area</u>							
41	Rate M1	3%	2%	2%	0%	(1%)	1%
42	Rate M2	6%	5%	7%	(1%)	(3%)	(1%)
43	Rate M4 - Firm	(5%)	(3%)	0%	(10%)	(11%)	(10%)
44	Rate M4 - IT	(57%)	(57%)	(57%)	(58%)	(57%)	(55%)
45	Rate M5 - Firm	(11%)	(9%)	(7%)	(15%)	(15%)	(13%)
46	Rate M5 - IT	(7%)	(8%)	(2%)	(17%)	(19%)	(20%)
47	Rate M7 - Firm	9%	12%	15%	1%	0%	(5%)
48	Rate M7 - IT & Seas	41%	39%	49%	21%	19%	16%
49	Rate M9	14%	20%	24%	19%	24%	(0%)
50	Rate T1 - Firm	18%	44%	12%	35%	40%	18%
51	Rate T1 - IT	(63%)	(33%)	(63%)	(63%)	(58%)	(63%)
52	Rate T2 - Firm	4%	39%	(1%)	23%	30%	4%
53	Rate T2 - IT	0%	82%	0%	(0%)	22%	0%
54	Rate T3	5%	50%	12%	63%	66%	6%
55	Total South Service Area	<u>3%</u>	<u>5%</u>	<u>3%</u>	<u>2%</u>	<u>1%</u>	<u>0%</u>
56	Total Union South Rate Zone	<u>3%</u>	<u>5%</u>	<u>3%</u>	<u>2%</u>	<u>1%</u>	<u>0%</u>
57	Total In-franchise	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>
<u>Ex-franchise</u>							
58	Rate 331	-	-	-	-	-	-
59	Rate 332	0%	0%	0%	0%	0%	0%
60	Rate 401	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	0%	0%	0%	0%	0%	0%
62	Rate C1	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
63	Rate M13/GPA	0%	0%	0%	0%	0%	0%
64	Rate M16	0%	0%	0%	0%	0%	0%
65	Rate M17	0%	0%	0%	0%	0%	0%
66	Total Ex-franchise	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
67	Non-Utility Cross Charge	(0%)	0%	0%	0%	0%	0%
68	Total	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>

Note:

(1) Percentage change based on rate zone alternative revenue from pages 4-5, columns (c) to (h) relative to current rate zone alternative revenue in column (b).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)
	<u>EGD Rate Zone</u>						
	<u>East Service Area</u>						
1	Rate 1	3%	3%	3%	0%	10%	(1%)
2	Rate 6	19%	19%	19%	13%	24%	8%
3	Rate 100	29%	28%	28%	21%	35%	16%
4	Rate 110	4%	3%	3%	(9%)	2%	(12%)
5	Rate 115	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-
7	Rate 135	(48%)	(48%)	(48%)	(53%)	(52%)	(50%)
8	Rate 145	(34%)	(34%)	(34%)	(41%)	(39%)	(37%)
9	Rate 170	124%	124%	122%	89%	94%	99%
10	Rate 200	(4%)	(1%)	(1%)	(20%)	(16%)	(26%)
11	Total East Service Area	6%	6%	6%	2%	12%	0%
	<u>Central Service Area</u>						
12	Rate 1	2%	2%	2%	2%	(1%)	3%
13	Rate 6	(1%)	(0%)	(0%)	(3%)	(4%)	1%
14	Rate 100	58%	57%	57%	62%	61%	56%
15	Rate 110	7%	7%	7%	11%	10%	9%
16	Rate 115	15%	14%	14%	20%	19%	29%
17	Rate 125	(4%)	(5%)	(4%)	(6%)	(14%)	(5%)
18	Rate 135	(48%)	(48%)	(48%)	(47%)	(46%)	(49%)
19	Rate 145	(38%)	(38%)	(38%)	(37%)	(35%)	(39%)
20	Rate 170	121%	122%	119%	130%	138%	122%
21	Total Central Service Area	1%	1%	1%	1%	(1%)	3%
22	Total EGD Rate Zone	2%	2%	2%	1%	1%	2%
	<u>Union North Rate Zone</u>						
	<u>North Service Area</u>						
23	Rate 01 - NE	(21%)	(21%)	(21%)	(23%)	(16%)	(22%)
24	Rate 10 - NE	(17%)	(17%)	(17%)	(23%)	(17%)	(15%)
25	Rate 20 - NE	(5%)	(7%)	(6%)	(7%)	1%	(7%)
26	Rate 25 - NE	(56%)	(56%)	(56%)	(56%)	(51%)	(59%)
27	Rate 100 - NE	(15%)	(15%)	(15%)	(16%)	(5%)	(15%)
28	Rate 01 - NW	(16%)	(16%)	(16%)	(18%)	(10%)	(17%)
29	Rate 10 - NW	2%	2%	2%	(5%)	3%	5%
30	Rate 20 - NW	16%	16%	16%	4%	16%	3%
31	Rate 25 - NW	(66%)	(66%)	(66%)	(67%)	(63%)	(71%)
32	Rate 100 - NW	(24%)	(24%)	(24%)	(25%)	(9%)	(24%)
33	Total North Service Area	(18%)	(18%)	(18%)	(21%)	(13%)	(19%)
	<u>East Service Area</u>						
34	Rate 01 - NE	(11%)	(11%)	(11%)	(13%)	(5%)	(15%)
35	Rate 10 - NE	(29%)	(29%)	(29%)	(35%)	(29%)	(39%)
36	Rate 20 - NE	(13%)	(13%)	(13%)	(18%)	1%	(18%)
37	Rate 25 - NE	94%	94%	94%	94%	128%	95%
38	Rate 100 - NE	(14%)	(13%)	(13%)	(14%)	(3%)	(13%)
39	Total East Service Area	(13%)	(13%)	(13%)	(16%)	(6%)	(17%)
40	Total Union North Rate Zone	(16%)	(16%)	(16%)	(19%)	(11%)	(18%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)
<u>Union South Rate Zone</u>							
<u>South Service Area</u>							
41	Rate M1	3%	3%	3%	2%	0%	2%
42	Rate M2	1%	1%	1%	(2%)	(3%)	0%
43	Rate M4 - Firm	(18%)	(19%)	(19%)	(15%)	(16%)	(13%)
44	Rate M4 - IT	(57%)	(58%)	(58%)	(57%)	(56%)	(53%)
45	Rate M5 - Firm	(23%)	(23%)	(23%)	(21%)	(21%)	(17%)
46	Rate M5 - IT	(31%)	(31%)	(31%)	(30%)	(28%)	(25%)
47	Rate M7 - Firm	(3%)	(3%)	(3%)	(0%)	(1%)	(6%)
48	Rate M7 - IT & Seas	12%	12%	12%	15%	18%	26%
49	Rate M9	5%	8%	8%	60%	62%	2%
50	Rate T1 - Firm	18%	12%	12%	36%	35%	18%
51	Rate T1 - IT	(82%)	(83%)	(82%)	(82%)	(83%)	(82%)
52	Rate T2 - Firm	4%	(1%)	(1%)	27%	25%	5%
53	Rate T2 - IT	(0%)	(5%)	(0%)	(0%)	(1%)	(0%)
54	Rate T3	6%	13%	13%	73%	72%	7%
55	Total South Service Area	2%	1%	1%	4%	2%	2%
56	Total Union South Rate Zone	2%	1%	1%	4%	2%	2%
57	Total In-franchise	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
<u>Ex-franchise</u>							
58	Rate 331	-	-	-	-	-	-
59	Rate 332	0%	0%	0%	0%	0%	0%
60	Rate 401	-	-	-	(0%)	(0%)	(0%)
61	Rate M12/C1 Dawn-Parkway	0%	0%	0%	0%	0%	0%
62	Rate C1	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
63	Rate M13/GPA	0%	0%	0%	0%	0%	0%
64	Rate M16	0%	0%	0%	0%	0%	0%
65	Rate M17	0%	0%	0%	0%	0%	0%
66	Total Ex-franchise	0%	0%	0%	0%	0%	0%
67	Non-Utility Cross Charge	(0%)	0%	0%	0%	0%	0%
68	Total	0%	0%	0%	0%	0%	0%

Note:

(1) Percentage change based on rate zone alternative revenue from pages 6-7, columns (c) to (h) relative to current rate zone alternative revenue in column (b).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)
	<u>EGD Rate Zone</u>						
	<u>East Service Area</u>						
1	Rate 1	2%	(1%)	1%	23%	25%	32%
2	Rate 6	0%	(2%)	0%	49%	49%	64%
3	Rate 100	0%	1%	3%	11%	9%	10%
4	Rate 110	(11%)	(7%)	(2%)	92%	82%	101%
5	Rate 115	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-
7	Rate 135	(2%)	(21%)	(13%)	165%	123%	163%
8	Rate 145	(35%)	(38%)	(24%)	245%	206%	274%
9	Rate 170	(35%)	(38%)	(24%)	246%	207%	276%
10	Rate 200	10%	(1%)	1%	34%	24%	30%
11	Total East Service Area	2%	(1%)	1%	35%	34%	44%
	<u>Central Service Area</u>						
12	Rate 1	2%	(1%)	1%	(4%)	(4%)	(5%)
13	Rate 6	(0%)	(2%)	(0%)	(9%)	(10%)	(10%)
14	Rate 100	(10%)	(6%)	(3%)	(19%)	(19%)	(19%)
15	Rate 110	(19%)	(12%)	(5%)	(39%)	(38%)	(36%)
16	Rate 115	(14%)	(1%)	13%	(59%)	(58%)	(51%)
17	Rate 125	4%	4%	4%	4%	2%	5%
18	Rate 135	(0%)	(17%)	(10%)	(27%)	(33%)	(28%)
19	Rate 145	(23%)	(24%)	(15%)	(43%)	(48%)	(39%)
20	Rate 170	(29%)	(31%)	(19%)	(55%)	(60%)	(49%)
21	Total Central Service Area	0%	(2%)	0%	(7%)	(7%)	(8%)
22	Total EGD Rate Zone	0%	(2%)	0%	(0%)	(1%)	0%
	<u>Union North Rate Zone</u>						
	<u>North Service Area</u>						
23	Rate 01 - NE	(23%)	(24%)	(23%)	(4%)	(3%)	(14%)
24	Rate 10 - NE	(25%)	(27%)	(25%)	22%	22%	(7%)
25	Rate 20 - NE	(13%)	(12%)	(11%)	7%	5%	(2%)
26	Rate 25 - NE	(16%)	(16%)	(15%)	(14%)	(16%)	(16%)
27	Rate 100 - NE	(4%)	(4%)	(4%)	(4%)	(3%)	(4%)
28	Rate 01 - NW	0%	(2%)	(0%)	23%	25%	11%
29	Rate 10 - NW	(8%)	(9%)	(8%)	43%	43%	11%
30	Rate 20 - NW	11%	14%	18%	91%	83%	52%
31	Rate 25 - NW	12%	11%	13%	16%	12%	12%
32	Rate 100 - NW	(8%)	(8%)	(8%)	(8%)	(5%)	(8%)
33	Total North Service Area	(15%)	(17%)	(15%)	10%	10%	(4%)
	<u>East Service Area</u>						
34	Rate 01 - NE	(23%)	(24%)	(23%)	(4%)	(3%)	3%
35	Rate 10 - NE	(26%)	(27%)	(25%)	23%	23%	38%
36	Rate 20 - NE	(41%)	(37%)	(32%)	63%	55%	73%
37	Rate 25 - NE	(16%)	(16%)	(15%)	(14%)	(16%)	(15%)
38	Rate 100 - NE	(9%)	(9%)	(9%)	(10%)	(8%)	(9%)
39	Total East Service Area	(24%)	(25%)	(24%)	5%	5%	14%
40	Total Union North Rate Zone	(18%)	(20%)	(18%)	8%	9%	1%

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)
<u>Union South Rate Zone</u>							
<u>South Service Area</u>							
41	Rate M1	3%	1%	2%	(3%)	(3%)	(1%)
42	Rate M2	11%	9%	11%	(1%)	(2%)	(1%)
43	Rate M4 - Firm	32%	42%	52%	3%	4%	0%
44	Rate M4 - IT	(48%)	(50%)	(39%)	(73%)	(78%)	(86%)
45	Rate M5 - Firm	68%	82%	98%	23%	24%	17%
46	Rate M5 - IT	81%	76%	101%	27%	16%	(3%)
47	Rate M7 - Firm	54%	70%	86%	4%	6%	(3%)
48	Rate M7 - IT & Seas	96%	89%	117%	32%	20%	(2%)
49	Rate M9	19%	27%	34%	(5%)	2%	(1%)
50	Rate T1 - Firm	16%	379%	14%	15%	89%	16%
51	Rate T1 - IT	(10%)	102%	(10%)	(12%)	8%	(10%)
52	Rate T2 - Firm	(2%)	325%	(5%)	(3%)	67%	(2%)
53	Rate T2 - IT	4%	894%	4%	2%	237%	4%
54	Rate T3	0%	277%	3%	(0%)	33%	0%
55	Total South Service Area	<u>6%</u>	<u>11%</u>	<u>6%</u>	<u>(2%)</u>	<u>(1%)</u>	<u>(1%)</u>
56	Total Union South Rate Zone	<u>6%</u>	<u>11%</u>	<u>6%</u>	<u>(2%)</u>	<u>(1%)</u>	<u>(1%)</u>
57	Total In-franchise	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>
<u>Ex-franchise</u>							
58	Rate 331	-	-	-	-	-	-
59	Rate 332	-	-	-	-	-	-
60	Rate 401	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
62	Rate C1	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
63	Rate M13/GPA	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
64	Rate M16	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
65	Rate M17	(0%)	1%	1%	1%	0%	1%
66	Total Ex-franchise	<u>(0%)</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
67	Non-Utility Cross Charge	-	-	-	-	-	-
68	Total	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>	<u>(0%)</u>

Note:

(1) Percentage change based on rate zone alternative revenue from pages 8-9, columns (c) to (h) relative to current rate zone alternative revenue in column (b).

Summary of Average Total Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones (a)	One Rate Zone - Proposed (b)	One Rate Zone - No Regional Adjustments (c)	One Rate Zone - As Filed in Phase 1 (d)	Two Rate Zones - One Rate Zone Distribution (e)	Two Rate Zones (f)	Four Rate Zones - One Rate Zone Distribution (g)
	<u>EGD Rate Zone</u>							
	<u>East Service Area</u>							
1	Rate 1	(0.1%)	0.7%	(0.1%)	0.5%	8.1%	14.7%	11.4%
2	Rate 6	(6.3%)	(13.6%)	(14.2%)	(13.4%)	0.6%	2.2%	4.0%
3	Rate 100	(14.2%)	(8.6%)	(7.9%)	(7.1%)	(2.7%)	(1.6%)	(4.5%)
4	Rate 110	4.2%	2.4%	3.3%	4.4%	23.4%	23.1%	24.9%
5	Rate 135	15.3%	0.2%	(2.1%)	(1.1%)	18.1%	13.3%	18.7%
6	Rate 145	(5.7%)	(13.8%)	(13.9%)	(13.1%)	3.2%	1.0%	5.7%
7	Rate 170	4.8%	6.6%	6.4%	7.5%	28.9%	25.8%	31.8%
8	Rate 200	(5.4%)	0.5%	(6.0%)	(4.9%)	13.9%	7.8%	10.3%
	<u>Central Service Area</u>							
9	Rate 1	(0.1%)	0.7%	(0.1%)	0.5%	(1.5%)	(3.0%)	(1.3%)
10	Rate 6	(6.3%)	(13.6%)	(14.2%)	(13.4%)	(16.6%)	(17.3%)	(16.3%)
11	Rate 100	(11.6%)	(1.1%)	(0.5%)	0.3%	(2.0%)	(2.2%)	(3.2%)
12	Rate 110	4.7%	3.1%	4.0%	5.1%	0.5%	0.5%	0.8%
13	Rate 115	2.2%	2.3%	3.3%	4.5%	(1.2%)	(1.2%)	0.3%
14	Rate 125	0.4%	0.3%	0.2%	0.2%	0.1%	(0.5%)	0.2%
15	Rate 135	15.6%	(1.5%)	(3.7%)	(2.8%)	(4.8%)	(5.4%)	(5.4%)
16	Rate 145	(5.0%)	(14.2%)	(14.4%)	(13.6%)	(15.9%)	(16.1%)	(16.0%)
17	Rate 170	7.3%	6.9%	6.7%	7.9%	4.3%	3.9%	4.7%

Summary of Average Total Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones (a)	One Rate Zone - Proposed (b)	One Rate Zone - No Regional Adjustments (c)	One Rate Zone - As Filed in Phase 1 (d)	Two Rate Zones - One Rate Zone Distribution (e)	Two Rate Zones (f)	Four Rate Zones - One Rate Zone Distribution (g)
<u>Union North Rate Zone</u>								
<u>North Service Area</u>								
18	Rate 01 - NE	0.1%	(19.5%)	(20.2%)	(19.7%)	(17.4%)	(11.5%)	(16.8%)
19	Rate 10 - NE	(2.6%)	(24.1%)	(24.6%)	(23.9%)	(11.0%)	(9.5%)	(17.7%)
20	Rate 20 - NE	(7.4%)	(8.9%)	(9.1%)	(8.9%)	(7.9%)	(6.8%)	(8.5%)
21	Rate 25 - NE	(9.7%)	(17.7%)	(17.7%)	(17.7%)	(17.7%)	(17.4%)	(18.2%)
22	Rate 100 - NE	(2.0%)	(2.8%)	(2.8%)	(2.8%)	(2.8%)	(2.3%)	(2.8%)
23	Rate 01 - NW	3.9%	(5.0%)	(5.8%)	(5.2%)	2.0%	7.5%	(1.7%)
24	Rate 10 - NW	6.7%	(3.4%)	(4.1%)	(3.2%)	13.2%	15.2%	4.8%
25	Rate 20 - NW	(4.6%)	(1.2%)	(0.7%)	(0.1%)	9.4%	9.6%	3.5%
26	Rate 25 - NW	(7.5%)	(12.7%)	(12.8%)	(12.7%)	(12.6%)	(12.4%)	(13.2%)
27	Rate 100 - NW	(2.0%)	(3.0%)	(3.0%)	(3.0%)	(3.0%)	(2.4%)	(3.0%)
<u>East Service Area</u>								
28	Rate 01 - NE	0.1%	(19.5%)	(20.2%)	(19.7%)	(17.4%)	(11.5%)	(11.1%)
29	Rate 10 - NE	(2.6%)	(24.1%)	(24.6%)	(23.9%)	(11.0%)	(9.5%)	(7.8%)
30	Rate 20 - NE	(5.8%)	(8.6%)	(8.5%)	(8.3%)	(5.4%)	(3.8%)	(5.0%)
31	Rate 25 - NE	(10.5%)	(20.4%)	(20.4%)	(20.4%)	(20.4%)	(20.2%)	(20.4%)
32	Rate 100 - NE	(2.2%)	(3.0%)	(3.0%)	(3.0%)	(3.1%)	(2.5%)	(3.0%)

Summary of Average Total Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones (a)	One Rate Zone - Proposed (b)	One Rate Zone - No Regional Adjustments (c)	One Rate Zone - As Filed in Phase 1 (d)	Two Rate Zones - One Rate Zone Distribution (e)	Two Rate Zones (f)	Four Rate Zones - One Rate Zone Distribution (g)
	<u>Union South Rate Zone</u>							
	<u>South Service Area</u>							
33	Rate M1	4.7%	6.4%	5.5%	6.1%	3.6%	2.7%	4.6%
34	Rate M2	(0.4%)	6.1%	5.4%	6.4%	2.7%	1.4%	4.1%
35	Rate M4 - Firm	(1.8%)	(3.7%)	(2.9%)	(2.0%)	(5.8%)	(5.9%)	(5.6%)
36	Rate M4 - IT	(9.3%)	(18.6%)	(18.8%)	(18.0%)	(20.1%)	(20.1%)	(19.6%)
37	Rate M5 - Firm	(0.7%)	(4.6%)	(3.9%)	(3.0%)	(6.4%)	(6.6%)	(5.6%)
38	Rate M5 - IT	(8.0%)	(8.8%)	(9.0%)	(8.0%)	(10.8%)	(11.0%)	(11.2%)
39	Rate M7 - Firm	4.7%	7.4%	8.3%	9.4%	4.6%	4.6%	2.8%
40	Rate M7 - IT & Seas	(8.6%)	(4.3%)	(4.5%)	(3.5%)	(6.5%)	(6.8%)	(7.1%)
41	Rate M9	(0.8%)	3.4%	5.1%	6.3%	4.7%	6.1%	(0.8%)
42	Rate T1 - Firm	(2.7%)	0.3%	4.8%	(0.6%)	3.1%	4.0%	0.3%
43	Rate T1 - IT	(10.9%)	(12.6%)	(11.9%)	(12.6%)	(12.6%)	(12.5%)	(12.6%)
44	Rate T2 - Firm	0.9%	1.3%	5.2%	0.8%	3.5%	4.2%	1.4%
45	Rate T2 - IT	(9.7%)	(15.8%)	(14.8%)	(15.8%)	(15.8%)	(15.6%)	(15.8%)
46	Rate T3	0.4%	1.4%	10.1%	2.7%	12.7%	13.3%	1.6%

Summary of Average Direct Purchase Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones (a)	One Rate Zone - Proposed (b)	One Rate Zone - No Regional Adjustments (c)	One Rate Zone - As Filed in Phase 1 (d)	Two Rate Zones - One Rate Zone Distribution (e)	Two Rate Zones (f)	Four Rate Zones - One Rate Zone Distribution (g)
	<u>EGD Rate Zone</u>							
	<u>East Service Area</u>							
1	Rate 1	3.2%	1.3%	(0.1%)	0.9%	26.0%	36.4%	34.2%
2	Rate 6	(7.1%)	(26.9%)	(28.1%)	(26.5%)	22.7%	26.0%	34.8%
3	Rate 100 (1)							
4	Rate 110	21.6%	10.6%	14.7%	19.5%	116.6%	115.1%	126.4%
5	Rate 135	74.6%	(4.0%)	(14.9%)	(10.3%)	87.0%	64.0%	90.7%
6	Rate 145	(19.4%)	(47.0%)	(47.6%)	(44.6%)	10.8%	3.3%	19.4%
7	Rate 170	62.8%	87.1%	84.4%	99.2%	380.4%	339.7%	417.8%
8	Rate 200	(44.1%)	(28.0%)	(64.3%)	(58.9%)	107.6%	73.5%	106.6%
	<u>Central Service Area</u>							
9	Rate 1	3.2%	1.3%	(0.1%)	0.9%	(5.2%)	(7.6%)	(3.1%)
10	Rate 6	(7.1%)	(26.9%)	(28.1%)	(26.5%)	(37.7%)	(39.1%)	(34.3%)
11	Rate 100	(25.1%)	(0.1%)	1.1%	3.0%	(3.4%)	(4.0%)	(5.0%)
12	Rate 110	21.9%	13.0%	16.9%	21.7%	0.5%	0.4%	2.7%
13	Rate 115	16.3%	16.8%	24.8%	33.7%	(9.5%)	(9.0%)	2.0%
14	Rate 125	6.2%	3.6%	2.7%	2.9%	1.5%	(6.7%)	2.3%
15	Rate 135	74.2%	(5.3%)	(15.8%)	(11.3%)	(22.2%)	(25.2%)	(24.1%)
16	Rate 145	(15.5%)	(46.3%)	(46.8%)	(44.1%)	(52.3%)	(52.6%)	(52.4%)
17	Rate 170	888.5%	826.3%	801.5%	944.8%	502.7%	457.3%	562.0%

Summary of Average Direct Purchase Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones (a)	One Rate Zone - Proposed (b)	One Rate Zone - No Regional Adjustments (c)	One Rate Zone - As Filed in Phase 1 (d)	Two Rate Zones - One Rate Zone Distribution (e)	Two Rate Zones (f)	Four Rate Zones - One Rate Zone Distribution (g)
<u>Union North Rate Zone</u>								
<u>North Service Area</u>								
18	Rate 01 - NE	(0.3%)	(23.9%)	(24.9%)	(24.2%)	(5.7%)	1.3%	(16.8%)
19	Rate 10 - NE	(6.3%)	(38.2%)	(39.4%)	(37.9%)	9.0%	12.1%	(18.6%)
20	Rate 20 - NE	(27.8%)	(33.5%)	(34.2%)	(33.5%)	(29.5%)	(25.6%)	(32.3%)
21	Rate 25 - NE	(47.8%)	(89.4%)	(89.4%)	(89.4%)	(89.4%)	(88.0%)	(89.4%)
22	Rate 100 - NE	(27.2%)	(37.3%)	(36.8%)	(36.8%)	(37.8%)	(30.7%)	(37.2%)
23	Rate 01 - NW	5.4%	(18.0%)	(19.1%)	(18.4%)	1.6%	9.1%	(10.4%)
24	Rate 10 - NW	12.3%	(31.1%)	(32.4%)	(30.7%)	9.0%	25.0%	(9.3%)
25	Rate 20 - NW	(18.8%)	(8.7%)	(7.0%)	(4.9%)	34.4%	35.6%	9.9%
26	Rate 25 - NW	(48.8%)	(83.9%)	(83.9%)	(83.9%)	(83.9%)	(81.4%)	(83.9%)
27	Rate 100 - NW	(29.0%)	(44.1%)	(44.2%)	(44.2%)	(44.9%)	(34.8%)	(44.4%)
<u>East Service Area</u>								
28	Rate 01 - NE	(0.3%)	(23.9%)	(24.9%)	(24.2%)	(5.7%)	1.3%	0.4%
29	Rate 10 - NE	(6.3%)	(38.2%)	(39.4%)	(37.9%)	9.0%	12.1%	20.4%
30	Rate 20 - NE	(31.4%)	(45.5%)	(45.0%)	(44.1%)	(28.4%)	(20.1%)	(26.3%)
31	Rate 25 - NE	(47.8%)	(92.6%)	(92.6%)	(92.6%)	(92.6%)	(91.7%)	(92.6%)
32	Rate 100 - NE	(26.8%)	(36.3%)	(35.8%)	(35.8%)	(36.8%)	(29.6%)	(36.1%)

Summary of Average Direct Purchase Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones (a)	One Rate Zone - Proposed (b)	One Rate Zone - No Regional Adjustments (c)	One Rate Zone - As Filed in Phase 1 (d)	Two Rate Zones - One Rate Zone Distribution (e)	Two Rate Zones (f)	Four Rate Zones - One Rate Zone Distribution (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
33	Rate M1	10.1%	20.4%	18.8%	19.9%	12.1%	10.3%	11.0%
34	Rate M2	3.0%	46.5%	44.0%	47.3%	25.2%	20.8%	21.3%
35	Rate M4 - Firm	(5.5%)	(9.2%)	(6.5%)	(3.1%)	(17.6%)	(17.8%)	(17.7%)
36	Rate M4 - IT	(23.3%)	(46.8%)	(47.2%)	(45.3%)	(50.6%)	(50.4%)	(49.2%)
37	Rate M5 - Firm	(1.7%)	(11.8%)	(9.9%)	(7.2%)	(17.7%)	(18.1%)	(16.1%)
38	Rate M5 - IT	(35.7%)	(38.2%)	(39.0%)	(34.8%)	(47.6%)	(48.6%)	(50.2%)
39	Rate M7 - Firm	22.6%	37.2%	41.4%	46.6%	23.3%	23.0%	13.9%
40	Rate M7 - IT & Seas	(53.1%)	(29.9%)	(31.0%)	(24.8%)	(43.9%)	(45.6%)	(48.5%)
41	Rate M9	(2.3%)	51.1%	67.2%	79.0%	44.6%	58.1%	(1.6%)
42	Rate T1 - Firm	(14.2%)	1.6%	24.7%	(3.0%)	16.1%	20.7%	1.6%
43	Rate T1 - IT	(79.9%)	(92.5%)	(87.4%)	(92.5%)	(92.6%)	(91.9%)	(92.5%)
44	Rate T2 - Firm	8.5%	12.4%	50.6%	7.5%	33.6%	41.1%	13.2%
45	Rate T2 - IT	(57.0%)	(92.8%)	(87.1%)	(92.8%)	(92.9%)	(91.8%)	(92.8%)
46	Rate T3	2.2%	7.1%	52.9%	14.3%	66.4%	69.8%	8.2%

Note:

(1) There are no Rate 100 direct purchase customers in the East service area.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

As per the response to ADR-6:

Enbridge Gas will provide an updated copy of Phase 3 Exhibit 7, Tab 0, Schedule 1 Attachments 3 through 5, which will include the following revisions:

- Updated impacts as a result of the cost study correction described at Exhibit I.7.3-CCC-7 (Two Rate Zones alternative);
- Addition of the impacts for the Three Rate Zones alternative;
- Corrected bill impacts for Rate M2 as identified in Exhibit JT1.53; and
- Corrected bill impacts for Rate 01 as identified in ADR-1.

The update will also include the correction to the Rate E20 demand blocking as described above.

In addition, please provide an updated copy of Phase 3 Exhibit 7, Tab 0, Schedule 1 Attachment 2.

Response:

Please see Attachments 1 to 4 which provides the updated copy of Phase 3 Exhibit 7, Tab 0, Schedule 1 Attachment 2 to 5, respectively.

Enbridge Gas has not prepared a cost allocation study for the Three Rate Zones alternative with Panhandle and St. Clair System costs separated and notes that the impact to Union South contract rate customers would be similar to the impacts under the Four Rate Zones alternative.

Summary of Rate Zone Alternatives - Revenue Change by Rate Zone
Total Revenue

Line No.	Particulars (\$000s)	EGD Rate Zone		West Rate Zone	Union North East Rate Zone		Union South Rate Zone	Total Revenue
		East	Central	North	East	North	South	In-franchise
		(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Current Approved Revenue	479,685	2,586,788	132,171	183,863	233,547	1,480,992	5,097,046
	<u>2024 Revenue</u>							
2	Current Rate Zones	470,256	2,539,646	134,004	175,634	227,967	1,541,927	5,089,434
3	One Rate Zone - Proposed	488,778	2,560,593	121,803	144,498	179,534	1,594,162	5,089,368
4	One Rate Zone - No Regional Adjustments	483,077	2,540,567	120,862	143,532	177,919	1,623,410	5,089,368
5	One Rate Zone - As Filed In Phase 1	487,026	2,563,155	121,754	144,647	179,280	1,593,506	5,089,368
6	Two Rate Zones - With One Rate Zone Distribution	553,802	2,482,275	136,068	164,112	200,973	1,552,138	5,089,368
7	Two Rate Zones	577,113	2,447,962	143,236	173,642	211,005	1,536,411	5,089,368
8	Four Rate Zones - With One Rate Zone Distribution	569,715	2,483,956	128,304	169,589	189,309	1,548,495	5,089,368
9	Three Rate Zones - With One Rate Zone Distribution	485,427	2,592,187	127,482	145,646	190,132	1,548,495	5,089,368
	<u>2024 Revenue Change</u>							
10	Current Rate Zones	(9,429)	(47,142)	1,834	(8,229)	(5,581)	60,936	(7,612)
11	One Rate Zone - Proposed	9,093	(26,195)	(10,367)	(39,366)	(54,014)	113,170	(7,678)
12	One Rate Zone - No Regional Adjustments	3,392	(46,222)	(11,308)	(40,331)	(55,628)	142,419	(7,678)
13	One Rate Zone - As Filed In Phase 1	7,341	(23,633)	(10,417)	(39,217)	(54,267)	112,515	(7,678)
14	Two Rate Zones - With One Rate Zone Distribution	74,117	(104,513)	3,897	(19,752)	(32,574)	71,146	(7,678)
15	Two Rate Zones	97,428	(138,827)	11,065	(10,222)	(22,542)	55,419	(7,678)
16	Four Rate Zones - With One Rate Zone Distribution	90,031	(102,832)	(3,866)	(14,274)	(44,239)	67,503	(7,678)
17	Three Rate Zones - With One Rate Zone Distribution	5,742	5,399	(4,689)	(38,218)	(43,416)	67,503	(7,678)
	<u>2024 Revenue Change (%) (1)</u>							
18	Current Rate Zones	(2%)	(2%)	1%	(4%)	(2%)	4%	(0%)
19	One Rate Zone - Proposed	2%	(1%)	(8%)	(21%)	(23%)	8%	(0%)
20	One Rate Zone - No Regional Adjustments	1%	(2%)	(9%)	(22%)	(24%)	10%	(0%)
21	One Rate Zone - As Filed In Phase 1	2%	(1%)	(8%)	(21%)	(23%)	8%	(0%)
22	Two Rate Zones - With One Rate Zone Distribution	15%	(4%)	3%	(11%)	(14%)	5%	(0%)
23	Two Rate Zones	20%	(5%)	8%	(6%)	(10%)	4%	(0%)
24	Four Rate Zones - With One Rate Zone Distribution	19%	(4%)	(3%)	(8%)	(19%)	5%	(0%)
25	Three Rate Zones - With One Rate Zone Distribution	1%	0%	(4%)	(21%)	(19%)	5%	(0%)

Note:

- (1) The revenue percentage impacts may differ from the corresponding bill impact percentages provided at Attachment 2 due to the mix of system gas and direct purchase customers in each rate class. The revenue in this Attachment does not include an assumption for gas supply commodity or federal carbon charge, as in the total bill impacts in Attachment 3.

Summary of Rate Zone Alternatives - Revenue Change by Rate Zone
Delivery Revenue

Line No.	Particulars (\$000s)	EGD Rate Zone		West Rate Zone	Union North East Rate Zone		Union South Rate Zone	Total Revenue
		East	Central	North	East	North	South	In-franchise
		(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Current Approved Revenue	250,112	1,365,559	82,826	106,431	125,287	833,626	2,763,841
	<u>2024 Revenue</u>							
2	Current Rate Zones	247,331	1,343,858	77,245	98,346	120,877	887,266	2,774,923
3	One Rate Zone - Proposed	262,384	1,361,575	65,391	85,849	96,849	902,810	2,774,858
4	One Rate Zone - No Regional Adjustments	262,920	1,363,712	65,487	85,938	96,907	899,893	2,774,858
5	One Rate Zone - As Filed In Phase 1	262,913	1,363,614	65,488	85,945	96,959	899,938	2,774,858
6	Two Rate Zones - With One Rate Zone Distribution	253,080	1,369,783	63,325	83,195	93,818	911,658	2,774,858
7	Two Rate Zones	277,963	1,341,195	70,082	92,512	103,088	890,018	2,774,858
8	Four Rate Zones - With One Rate Zone Distribution	248,147	1,381,220	64,777	81,849	96,155	902,710	2,774,858
9	Three Rate Zones - With One Rate Zone Distribution	252,314	1,373,525	63,953	85,971	96,942	902,153	2,774,858
	<u>2024 Revenue Change</u>							
10	Current Rate Zones	(2,782)	(21,700)	(5,581)	(8,085)	(4,411)	53,641	11,082
11	One Rate Zone - Proposed	12,272	(3,984)	(17,435)	(20,582)	(28,438)	69,184	11,017
12	One Rate Zone - No Regional Adjustments	12,808	(1,846)	(17,339)	(20,493)	(28,380)	66,268	11,017
13	One Rate Zone - As Filed In Phase 1	12,801	(1,944)	(17,338)	(20,486)	(28,328)	66,313	11,017
14	Two Rate Zones - With One Rate Zone Distribution	2,968	4,224	(19,501)	(23,236)	(31,470)	78,032	11,017
15	Two Rate Zones	27,851	(24,363)	(12,744)	(13,919)	(22,199)	56,393	11,017
16	Four Rate Zones - With One Rate Zone Distribution	(1,965)	15,661	(18,049)	(24,582)	(29,132)	69,084	11,017
17	Three Rate Zones - With One Rate Zone Distribution	2,202	7,966	(18,873)	(20,460)	(28,345)	68,527	11,017
	<u>2024 Revenue Change (%)</u>							
18	Current Rate Zones	(1%)	(2%)	(7%)	(8%)	(4%)	6%	0%
19	One Rate Zone - Proposed	5%	(0%)	(21%)	(19%)	(23%)	8%	0%
20	One Rate Zone - No Regional Adjustments	5%	(0%)	(21%)	(19%)	(23%)	8%	0%
21	One Rate Zone - As Filed In Phase 1	5%	(0%)	(21%)	(19%)	(23%)	8%	0%
22	Two Rate Zones - With One Rate Zone Distribution	1%	0%	(24%)	(22%)	(25%)	9%	0%
23	Two Rate Zones	11%	(2%)	(15%)	(13%)	(18%)	7%	0%
24	Four Rate Zones - With One Rate Zone Distribution	(1%)	1%	(22%)	(23%)	(23%)	8%	0%
25	Three Rate Zones - With One Rate Zone Distribution	1%	1%	(23%)	(19%)	(23%)	8%	0%

Summary of Rate Zone Alternatives - Revenue Change by Rate Zone
Gas Cost Revenue

Line No.	Particulars (\$000s)	EGD Rate Zone		West Rate Zone	Union North East Rate Zone		Union South Rate Zone	Total Revenue
		East	Central	North	East	North	South	In-franchise
		(a)	(b)	(c)	(d)	(e)	(f)	(g)
1	Current Approved Revenue	229,573	1,221,229	49,345	77,433	108,260	647,366	2,333,205
	<u>2024 Revenue</u>							
2	Current Rate Zones	222,925	1,195,787	56,759	77,289	107,090	654,661	2,314,512
3	One Rate Zone - Proposed	226,394	1,199,018	56,413	58,648	82,684	691,352	2,314,510
4	One Rate Zone - No Regional Adjustments	220,157	1,176,854	55,375	57,594	81,012	723,517	2,314,510
5	One Rate Zone - As Filed In Phase 1	224,113	1,199,541	56,266	58,702	82,321	693,568	2,314,510
6	Two Rate Zones - With One Rate Zone Distribution	300,722	1,112,492	72,742	80,917	107,156	640,480	2,314,510
7	Two Rate Zones	299,150	1,106,766	73,154	81,130	107,917	646,393	2,314,510
8	Four Rate Zones - With One Rate Zone Distribution	321,568	1,102,736	63,527	87,740	93,154	645,785	2,314,511
9	Three Rate Zones - With One Rate Zone Distribution	233,113	1,218,662	63,529	59,674	93,190	646,342	2,314,510
	<u>2024 Revenue Change</u>							
10	Current Rate Zones	(6,647)	(25,442)	7,414	(144)	(1,170)	7,295	(18,694)
11	One Rate Zone - Proposed	(3,179)	(22,211)	7,068	(18,784)	(25,576)	43,986	(18,695)
12	One Rate Zone - No Regional Adjustments	(9,415)	(44,375)	6,030	(19,838)	(27,248)	76,151	(18,696)
13	One Rate Zone - As Filed In Phase 1	(5,460)	(21,689)	6,921	(18,731)	(25,939)	46,202	(18,695)
14	Two Rate Zones - With One Rate Zone Distribution	71,150	(108,737)	23,398	3,484	(1,104)	(6,886)	(18,696)
15	Two Rate Zones	69,577	(114,463)	23,809	3,697	(343)	(973)	(18,696)
16	Four Rate Zones - With One Rate Zone Distribution	91,996	(118,494)	14,183	10,308	(15,106)	(1,581)	(18,695)
17	Three Rate Zones - With One Rate Zone Distribution	3,540	(2,567)	14,184	(17,758)	(15,070)	(1,024)	(18,695)
	<u>2024 Revenue Change (%)</u>							
18	Current Rate Zones	(3%)	(2%)	15%	(0%)	(1%)	1%	(1%)
19	One Rate Zone - Proposed	(1%)	(2%)	14%	(24%)	(24%)	7%	(1%)
20	One Rate Zone - No Regional Adjustments	(4%)	(4%)	12%	(26%)	(25%)	12%	(1%)
21	One Rate Zone - As Filed In Phase 1	(2%)	(2%)	14%	(24%)	(24%)	7%	(1%)
22	Two Rate Zones - With One Rate Zone Distribution	31%	(9%)	47%	4%	(1%)	(1%)	(1%)
23	Two Rate Zones	30%	(9%)	48%	5%	(0%)	(0%)	(1%)
24	Four Rate Zones - With One Rate Zone Distribution	40%	(10%)	29%	13%	(14%)	(0%)	(1%)
25	Three Rate Zones - With One Rate Zone Distribution	2%	(0%)	29%	(23%)	(14%)	(0%)	(1%)

Summary of Rate Zone Alternatives - Revenue by Rate Class
Total Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (a)	Current Rate Zones (b)	One Rate Zone - Proposed (c)	One Rate Zone - No Regional Adjustments (d)	One Rate Zone - As Filed in Phase 1 (e)	Two Rate Zones - One Rate Zone Distribution (f)	Two Rate Zones (g)	Four Rate Zones - One Rate Zone Distribution (h)	Three Rate Zones - One Rate Zone Distribution (i)
<u>EGD Rate Zone</u>										
<u>East Service Area</u>										
1	Rate 1	308,890	308,659	315,760	313,243	315,013	338,191	357,959	347,607	316,367
2	Rate 6	126,513	117,748	127,635	126,529	127,879	157,056	162,827	164,201	119,173
3	Rate 100	2,520	2,163	2,307	2,323	2,345	2,455	2,490	2,407	2,343
4	Rate 110	11,512	12,910	12,343	12,630	12,974	18,972	18,976	19,435	13,060
5	Rate 115	-	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-	-
7	Rate 135	386	617	402	368	382	676	612	685	396
8	Rate 145	134	108	71	70	74	149	139	160	74
9	Rate 170	414	677	780	768	830	2,012	1,851	2,164	837
10	Rate 200	29,316	27,374	29,480	27,146	27,528	34,293	32,260	33,056	33,177
11	Total East Service Area	479,685	470,256	488,778	483,077	487,026	553,802	577,113	569,715	485,427
<u>Central Service Area</u>										
12	Rate 1	1,620,802	1,619,518	1,648,581	1,634,749	1,644,500	1,617,055	1,593,232	1,616,052	1,647,303
13	Rate 6	887,397	824,822	820,695	812,733	822,357	782,279	773,449	783,189	847,526
14	Rate 100	2,457	1,968	2,515	2,537	2,572	2,465	2,444	2,420	2,522
15	Rate 110	49,590	58,158	55,722	57,197	58,991	51,139	50,849	51,904	59,277
16	Rate 115	8,744	10,935	11,012	11,678	12,432	8,715	8,699	9,775	13,221
17	Rate 125	13,320	14,338	13,857	13,735	13,765	13,826	12,732	13,684	13,684
18	Rate 135	2,289	3,541	2,370	2,188	2,264	2,106	2,052	2,051	2,329
19	Rate 145	1,081	1,008	667	662	686	620	616	612	680
20	Rate 170	1,108	5,357	5,175	5,088	5,587	4,071	3,887	4,269	5,645
21	Total Central Service Area	2,586,788	2,539,646	2,560,593	2,540,567	2,563,155	2,482,275	2,447,962	2,483,956	2,592,187
22	Total EGD Rate Zone	3,066,473	3,009,902	3,049,371	3,023,644	3,050,181	3,036,077	3,025,074	3,053,671	3,077,614
<u>Union North Rate Zone</u>										
<u>North Service Area</u>										
23	Rate 01 - NE	188,727	188,901	147,689	146,365	147,345	161,636	170,308	154,185	154,376
24	Rate 10 - NE	27,608	26,647	20,773	20,557	20,840	27,725	28,400	23,854	24,486
25	Rate 20 - NE	14,500	10,625	9,812	9,731	9,828	10,356	10,905	10,025	10,026
26	Rate 25 - NE	1,278	753	367	366	367	367	403	349	349
27	Rate 100 - NE	1,435	1,040	893	900	900	889	989	895	895
28	Rate 01 - NW	104,169	108,591	98,493	97,627	98,264	107,319	113,219	102,617	102,197
29	Rate 10 - NW	13,516	14,816	14,231	14,103	14,273	18,323	18,801	16,096	15,693
30	Rate 20 - NW	3,919	3,331	3,766	3,826	3,897	5,104	5,151	4,359	4,359
31	Rate 25 - NW	3,267	2,108	1,279	1,278	1,286	1,298	1,337	1,218	1,218
32	Rate 100 - NW	7,300	5,158	4,035	4,029	4,033	4,024	4,728	4,013	4,013
33	Total North Service Area	365,718	361,971	301,337	298,781	301,034	337,041	354,241	317,613	317,613
<u>East Service Area</u>										
34	Rate 01 - NE	132,453	132,568	111,094	110,234	110,888	120,156	127,202	123,586	109,231
35	Rate 10 - NE	27,022	26,078	19,010	18,788	19,073	26,132	26,683	27,898	21,762
36	Rate 20 - NE	20,187	14,123	11,281	11,382	11,558	14,720	16,241	14,985	11,538
37	Rate 25 - NE	1,148	640	1,179	1,179	1,179	1,178	1,373	1,181	1,177
38	Rate 100 - NE	3,054	2,226	1,934	1,949	1,949	1,926	2,143	1,939	1,939
39	Total East Service Area	183,863	175,634	144,498	143,532	144,647	164,112	173,642	169,589	145,646
40	Total Union North Rate Zone	549,582	537,605	445,835	442,314	445,681	501,153	527,883	487,202	463,259

Summary of Rate Zone Alternatives - Revenue by Rate Class
Total Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (a)	Current Rate Zones (b)	One Rate Zone - Proposed (c)	One Rate Zone - No Regional Adjustments (d)	One Rate Zone - As Filed in Phase 1 (e)	Two Rate Zones - One Rate Zone Distribution (f)	Two Rate Zones (g)	Four Rate Zones - One Rate Zone Distribution (h)	Three Rate Zones - One Rate Zone Distribution (i)
<u>Union South Rate Zone</u>										
<u>South Service Area</u>										
41	Rate M1	1,079,648	1,134,310	1,165,219	1,155,120	1,162,585	1,140,366	1,125,033	1,142,434	1,137,160
42	Rate M2	203,094	203,393	216,476	214,168	217,175	203,684	201,403	202,255	207,529
43	Rate M4 - Firm	46,515	44,190	42,096	43,056	44,250	39,253	39,007	39,885	39,885
44	Rate M4 - IT	123	84	36	36	37	36	36	38	38
45	Rate M5 - Firm	429	422	377	383	392	357	354	368	368
46	Rate M5 - IT	2,705	1,840	1,718	1,701	1,797	1,515	1,486	1,477	1,477
47	Rate M7 - Firm	34,752	41,296	45,107	46,248	47,684	41,145	40,830	39,181	39,181
48	Rate M7 - IT & Seas	2,619	1,401	1,981	1,949	2,081	1,692	1,649	1,625	1,625
49	Rate M9	4,500	4,387	5,007	5,270	5,452	4,422	4,638	4,378	4,378
50	Rate T1 - Firm	13,526	11,623	15,495	16,793	13,067	13,930	13,950	13,689	13,689
51	Rate T1 - IT	852	167	62	111	62	61	67	62	62
52	Rate T2 - Firm	82,626	89,726	91,081	124,808	88,822	95,356	97,255	93,507	93,507
53	Rate T2 - IT	1,217	520	521	948	521	519	598	521	521
54	Rate T3	8,386	8,570	8,985	12,818	9,582	9,802	10,105	9,073	9,073
55	Total South Service Area	<u>1,480,992</u>	<u>1,541,927</u>	<u>1,594,162</u>	<u>1,623,410</u>	<u>1,593,506</u>	<u>1,552,138</u>	<u>1,536,411</u>	<u>1,548,495</u>	<u>1,548,495</u>
56	Total Union South Rate Zone	<u>1,480,992</u>	<u>1,541,927</u>	<u>1,594,162</u>	<u>1,623,410</u>	<u>1,593,506</u>	<u>1,552,138</u>	<u>1,536,411</u>	<u>1,548,495</u>	<u>1,548,495</u>
57	Total In-franchise	<u>5,097,046</u>	<u>5,089,434</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>	<u>5,089,368</u>
<u>Ex-franchise</u>										
58	Rate 331	179	179	179	179	179	179	179	179	179
59	Rate 332	19,704	18,374	18,380	18,380	18,380	18,380	18,380	18,380	18,380
60	Rate 401	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561
61	Rate M12/C1 Dawn-Parkway	121,269	113,189	113,249	113,249	113,249	113,249	113,249	113,249	113,249
62	Rate C1	17,291	16,600	16,600	16,600	16,600	16,600	16,600	16,600	16,600
63	Rate M13/GPA	424	785	785	785	785	785	785	785	785
64	Rate M16	603	646	646	646	646	646	646	646	646
65	Rate M17	573	592	592	592	592	592	592	592	592
66	Total Ex-franchise	<u>163,605</u>	<u>153,927</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>	<u>153,992</u>
67	Non-Utility Cross Charge	1,209	896	896	896	896	896	896	896	896
68	Total	<u>5,261,860</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,256</u>	<u>5,244,257</u>	<u>5,244,257</u>	<u>5,244,257</u>

Summary of Rate Zone Alternatives - Revenue by Rate Class
Delivery Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (a)	Current Rate Zones (b)	One Rate Zone - Proposed (c)	One Rate Zone - No Regional Adjustments (d)	One Rate Zone - As Filed in Phase 1 (e)	Two Rate Zones - One Rate Zone Distribution (f)	Two Rate Zones (g)	Four Rate Zones - One Rate Zone Distribution (h)	Three Rate Zones - One Rate Zone Distribution (i)
<u>EGD Rate Zone</u>										
<u>East Service Area</u>										
1	Rate 1	178,615	184,227	189,220	189,502	189,501	184,906	202,660	182,842	188,982
2	Rate 6	58,824	51,634	61,455	61,609	61,619	58,182	64,147	55,658	52,000
3	Rate 100	763	497	640	636	636	600	680	578	678
4	Rate 110	5,694	5,772	6,011	5,973	5,966	5,234	5,953	5,087	6,046
5	Rate 115	-	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-	-
7	Rate 135	342	442	229	230	229	209	220	222	225
8	Rate 145	123	78	52	52	51	46	48	49	50
9	Rate 170	584	214	479	480	477	405	431	427	464
10	Rate 200	5,168	4,466	4,298	4,439	4,434	3,497	3,824	3,284	3,868
11	Total East Service Area	250,112	247,331	262,384	262,920	262,913	253,080	277,963	248,147	252,314
<u>Central Service Area</u>										
12	Rate 1	902,901	933,878	951,254	952,818	952,820	955,648	934,054	961,804	945,413
13	Rate 6	404,728	353,374	350,729	351,700	351,655	353,612	348,171	358,626	368,907
14	Rate 100	1,625	1,098	1,730	1,722	1,723	1,760	1,738	1,715	1,681
15	Rate 110	31,636	32,194	34,564	34,352	34,321	35,246	34,810	35,240	34,169
16	Rate 115	6,688	5,523	6,375	6,315	6,289	6,527	6,440	7,112	6,730
17	Rate 125	12,627	13,694	13,185	13,063	13,093	13,154	12,077	13,011	13,011
18	Rate 135	1,859	2,441	1,274	1,274	1,270	1,299	1,318	1,254	1,249
19	Rate 145	931	756	471	471	470	477	484	458	460
20	Rate 170	2,364	901	1,992	1,998	1,973	2,060	2,105	2,000	1,906
21	Total Central Service Area	1,365,559	1,343,858	1,361,575	1,363,712	1,363,614	1,369,783	1,341,195	1,381,220	1,373,525
22	Total EGD Rate Zone	1,615,671	1,591,189	1,623,959	1,626,632	1,626,527	1,622,862	1,619,158	1,629,367	1,625,839
<u>Union North Rate Zone</u>										
<u>North Service Area</u>										
23	Rate 01 - NE	99,821	101,479	80,181	80,319	80,313	77,942	85,694	79,438	79,603
24	Rate 10 - NE	11,632	10,781	8,919	8,946	8,944	8,289	9,058	9,145	9,767
25	Rate 20 - NE	11,170	7,021	6,669	6,555	6,615	6,511	7,125	6,506	6,506
26	Rate 25 - NE	1,232	664	292	292	292	290	328	274	274
27	Rate 100 - NE	1,432	931	789	796	796	786	883	791	791
28	Rate 01 - NW	63,760	63,862	53,662	53,754	53,751	52,188	57,472	53,146	52,718
29	Rate 10 - NW	6,660	6,029	6,131	6,148	6,148	5,738	6,267	6,308	5,912
30	Rate 20 - NW	2,402	1,443	1,674	1,668	1,668	1,498	1,689	1,485	1,485
31	Rate 25 - NW	2,719	1,374	461	461	461	450	515	397	397
32	Rate 100 - NW	7,285	4,537	3,463	3,457	3,461	3,452	4,139	3,440	3,440
33	Total North Service Area	208,113	198,122	162,240	162,394	162,447	157,143	173,170	160,932	160,895
<u>East Service Area</u>										
34	Rate 01 - NE	73,801	74,898	66,489	66,593	66,595	64,851	71,285	64,004	64,323
35	Rate 10 - NE	11,249	10,420	7,384	7,409	7,405	6,781	7,423	6,363	9,788
36	Rate 20 - NE	17,211	10,444	9,116	9,061	9,069	8,712	10,543	8,615	8,995
37	Rate 25 - NE	1,122	581	1,130	1,130	1,130	1,128	1,323	1,131	1,129
38	Rate 100 - NE	3,048	2,003	1,731	1,746	1,746	1,723	1,936	1,736	1,736
39	Total East Service Area	106,431	98,346	85,849	85,938	85,945	83,195	92,512	81,849	85,971
40	Total Union North Rate Zone	314,544	296,468	248,089	248,332	248,392	240,338	265,682	242,781	246,866

Summary of Rate Zone Alternatives - Revenue by Rate Class
Delivery Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (a)	Current Rate Zones (b)	One Rate Zone - Proposed (c)	One Rate Zone - No Regional Adjustments (d)	One Rate Zone - As Filed in Phase 1 (e)	Two Rate Zones - One Rate Zone Distribution (f)	Two Rate Zones (g)	Four Rate Zones - One Rate Zone Distribution (h)	Three Rate Zones - One Rate Zone Distribution (i)
<u>Union South Rate Zone</u>										
<u>South Service Area</u>										
41	Rate M1	571,924	632,104	648,593	649,675	649,642	651,714	638,225	647,429	641,689
42	Rate M2	88,964	88,347	88,972	89,251	89,227	89,835	88,659	88,515	93,698
43	Rate M4 - Firm	35,673	32,468	26,572	26,416	26,401	27,136	26,797	28,140	28,140
44	Rate M4 - IT	120	80	34	34	34	35	35	38	38
45	Rate M5 - Firm	372	365	281	280	280	287	283	302	302
46	Rate M5 - IT	2,331	1,436	989	989	984	1,005	1,019	1,084	1,084
47	Rate M7 - Firm	28,030	32,610	31,713	31,521	31,505	32,109	31,690	30,786	30,786
48	Rate M7 - IT & Seas	2,121	911	1,023	1,023	1,017	1,045	1,063	1,145	1,145
49	Rate M9	1,821	1,606	1,687	1,742	1,738	1,772	1,804	1,633	1,633
50	Rate T1 - Firm	13,189	10,584	14,291	11,818	11,888	12,742	12,031	12,483	12,483
51	Rate T1 - IT	825	121	22	20	22	22	18	22	22
52	Rate T2 - Firm	78,966	78,778	80,366	78,324	78,374	84,859	79,451	82,782	82,782
53	Rate T2 - IT	1,191	470	468	447	468	468	428	469	469
54	Rate T3	8,098	7,386	7,801	8,353	8,357	8,629	8,516	7,885	7,885
55	Total South Service Area	833,626	887,266	902,810	899,893	899,938	911,658	890,018	902,710	902,153
56	Total Union South Rate Zone	833,626	887,266	902,810	899,893	899,938	911,658	890,018	902,710	902,153
57	Total In-franchise	2,763,841	2,774,923	2,774,858	2,774,858	2,774,858	2,774,858	2,774,858	2,774,858	2,774,858
<u>Ex-franchise</u>										
58	Rate 331	179	179	179	179	179	179	179	179	179
59	Rate 332	19,704	18,374	18,380	18,380	18,380	18,380	18,380	18,380	18,380
60	Rate 401	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561	3,561
61	Rate M12/C1 Dawn-Parkway	107,396	95,972	96,032	96,032	96,032	96,032	96,032	96,032	96,032
62	Rate C1	14,992	13,566	13,566	13,566	13,566	13,566	13,566	13,566	13,566
63	Rate M13/GPA	386	708	708	708	708	708	708	708	708
64	Rate M16	440	356	356	356	356	356	356	356	356
65	Rate M17	543	543	544	544	544	544	544	544	544
66	Total Ex-franchise	147,200	133,260	133,326	133,325	133,325	133,325	133,325	133,325	133,325
67	Non-Utility Cross Charge	1,209	896	896	896	896	896	896	896	896
68	Total	2,912,249	2,909,079	2,909,080	2,909,079	2,909,079	2,909,079	2,909,079	2,909,079	2,909,079

Summary of Rate Zone Alternatives - Revenue by Rate Class
Gas Cost Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (a)	Current Rate Zones (b)	One Rate Zone - Proposed (c)	One Rate Zone - No Regional Adjustments (d)	One Rate Zone - As Filed in Phase 1 (e)	Two Rate Zones - One Rate Zone Distribution (f)	Two Rate Zones (g)	Four Rate Zones - One Rate Zone Distribution (h)	Three Rate Zones - One Rate Zone Distribution (i)
<u>EGD Rate Zone</u>										
<u>East Service Area</u>										
1	Rate 1	130,276	124,431	126,540	123,741	125,512	153,285	155,298	164,765	127,386
2	Rate 6	67,689	66,114	66,180	64,920	66,260	98,873	98,680	108,543	67,172
3	Rate 100	1,757	1,665	1,667	1,687	1,709	1,854	1,810	1,829	1,665
4	Rate 110	5,819	7,138	6,332	6,657	7,008	13,737	13,023	14,348	7,015
5	Rate 115	-	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-	-
7	Rate 135	44	176	173	138	154	467	391	463	171
8	Rate 145	11	30	19	18	23	102	91	111	24
9	Rate 170	(170)	462	300	289	354	1,607	1,420	1,737	372
10	Rate 200	24,148	22,908	25,182	22,707	23,095	30,796	28,437	29,772	29,308
11	Total East Service Area	229,573	222,925	226,394	220,157	224,113	300,722	299,150	321,568	233,113
<u>Central Service Area</u>										
12	Rate 1	717,901	685,640	697,327	681,931	691,681	661,407	659,179	654,248	701,890
13	Rate 6	482,670	471,448	469,965	461,033	470,702	428,667	425,279	424,563	478,620
14	Rate 100	832	871	784	815	849	705	707	704	841
15	Rate 110	17,954	25,964	21,158	22,845	24,670	15,893	16,039	16,664	25,108
16	Rate 115	2,056	5,413	4,637	5,363	6,143	2,188	2,258	2,663	6,491
17	Rate 125	493	644	672	672	672	672	655	673	673
18	Rate 135	430	1,100	1,096	914	994	807	735	797	1,080
19	Rate 145	150	253	196	191	216	143	133	154	220
20	Rate 170	(1,256)	4,456	3,183	3,090	3,614	2,010	1,783	2,269	3,739
21	Total Central Service Area	1,221,229	1,195,787	1,199,018	1,176,854	1,199,541	1,112,492	1,106,766	1,102,736	1,218,662
22	Total EGD Rate Zone	1,450,802	1,418,713	1,425,412	1,397,011	1,423,653	1,413,215	1,405,916	1,424,304	1,451,775
<u>Union North Rate Zone</u>										
<u>North Service Area</u>										
23	Rate 01 - NE	88,906	87,422	67,508	66,045	67,032	83,694	84,614	74,747	74,772
24	Rate 10 - NE	15,976	15,867	11,854	11,611	11,896	19,436	19,342	14,709	14,719
25	Rate 20 - NE	3,330	3,604	3,144	3,177	3,213	3,845	3,780	3,519	3,519
26	Rate 25 - NE	46	89	75	75	76	77	75	75	75
27	Rate 100 - NE	3	108	104	104	104	104	106	104	104
28	Rate 01 - NW	40,408	44,729	44,831	43,873	44,513	55,131	55,747	49,472	49,479
29	Rate 10 - NW	6,856	8,787	8,100	7,956	8,126	12,585	12,533	9,788	9,782
30	Rate 20 - NW	1,517	1,888	2,091	2,158	2,229	3,606	3,462	2,874	2,874
31	Rate 25 - NW	548	733	818	816	826	848	822	821	821
32	Rate 100 - NW	15	622	572	572	572	572	589	573	573
33	Total North Service Area	157,605	163,849	139,097	136,387	138,587	179,898	181,071	156,681	156,719
<u>East Service Area</u>										
34	Rate 01 - NE	58,652	57,671	44,605	43,642	44,292	55,305	55,916	59,582	44,907
35	Rate 10 - NE	15,773	15,658	11,626	11,379	11,668	19,351	19,259	21,535	11,973
36	Rate 20 - NE	2,976	3,678	2,165	2,321	2,489	6,008	5,698	6,371	2,543
37	Rate 25 - NE	26	58	49	49	49	50	49	50	48
38	Rate 100 - NE	5	223	203	203	203	202	207	203	203
39	Total East Service Area	77,433	77,289	58,648	57,594	58,702	80,917	81,130	87,740	59,674
40	Total Union North Rate Zone	235,037	241,138	197,746	193,981	197,289	260,815	262,201	244,421	216,393

Summary of Rate Zone Alternatives - Revenue by Rate Class
Gas Cost Revenue

Line No.	Particulars (\$000s)	Current Approved Revenue (a)	Current Rate Zones (b)	One Rate Zone - Proposed (c)	One Rate Zone - No Regional Adjustments (d)	One Rate Zone - As Filed in Phase 1 (e)	Two Rate Zones - One Rate Zone Distribution (f)	Two Rate Zones (g)	Four Rate Zones - One Rate Zone Distribution (h)	Three Rate Zones - One Rate Zone Distribution (i)
<u>Union South Rate Zone</u>										
<u>South Service Area</u>										
41	Rate M1	507,724	502,206	516,626	505,445	512,943	488,652	486,808	495,004	495,471
42	Rate M2	114,130	115,046	127,504	124,917	127,948	113,849	112,744	113,741	113,831
43	Rate M4 - Firm	10,842	11,721	15,525	16,640	17,849	12,117	12,210	11,745	11,745
44	Rate M4 - IT	3	4	2	2	2	1	1	1	1
45	Rate M5 - Firm	57	57	96	104	113	70	71	66	66
46	Rate M5 - IT	374	404	730	712	812	511	468	393	393
47	Rate M7 - Firm	6,722	8,686	13,394	14,727	16,179	9,037	9,140	8,396	8,396
48	Rate M7 - IT & Seas	498	490	958	926	1,064	647	586	481	481
49	Rate M9	2,680	2,781	3,320	3,528	3,713	2,649	2,834	2,745	2,745
50	Rate T1 - Firm	336	1,038	1,205	4,975	1,179	1,187	1,919	1,206	1,206
51	Rate T1 - IT	27	45	41	91	41	39	49	41	41
52	Rate T2 - Firm	3,660	10,948	10,715	46,484	10,448	10,497	17,804	10,726	10,726
53	Rate T2 - IT	26	50	52	501	52	50	170	52	52
54	Rate T3	287	1,183	1,184	4,465	1,224	1,173	1,590	1,189	1,189
55	Total South Service Area	<u>647,366</u>	<u>654,661</u>	<u>691,352</u>	<u>723,517</u>	<u>693,568</u>	<u>640,480</u>	<u>646,393</u>	<u>645,785</u>	<u>646,342</u>
56	Total Union South Rate Zone	<u>647,366</u>	<u>654,661</u>	<u>691,352</u>	<u>723,517</u>	<u>693,568</u>	<u>640,480</u>	<u>646,393</u>	<u>645,785</u>	<u>646,342</u>
57	Total In-franchise	<u>2,333,206</u>	<u>2,314,511</u>	<u>2,314,510</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,511</u>	<u>2,314,510</u>	<u>2,314,511</u>	<u>2,314,510</u>
<u>Ex-franchise</u>										
58	Rate 331	-	-	-	-	-	-	-	-	-
59	Rate 332	-	-	-	-	-	-	-	-	-
60	Rate 401	-	-	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	13,874	17,217	17,217	17,217	17,217	17,217	17,217	17,217	17,217
62	Rate C1	2,300	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035
63	Rate M13/GPA	38	76	76	76	76	76	76	76	76
64	Rate M16	164	291	291	291	291	291	291	291	291
65	Rate M17	30	49	49	49	49	49	49	49	49
66	Total Ex-franchise	<u>16,405</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>	<u>20,667</u>
67	Non-Utility Cross Charge	-	-	-	-	-	-	-	-	-
68	Total	<u>2,349,611</u>	<u>2,335,178</u>	<u>2,335,177</u>	<u>2,335,178</u>	<u>2,335,178</u>	<u>2,335,177</u>	<u>2,335,177</u>	<u>2,335,178</u>	<u>2,335,177</u>

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1)	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)	Three Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
<u>EGD Rate Zone</u>									
<u>East Service Area</u>									
1	Rate 1	(0%)	2%	1%	2%	9%	16%	13%	2%
2	Rate 6	(7%)	1%	0%	1%	24%	29%	30%	(6%)
3	Rate 100	(14%)	(8%)	(8%)	(7%)	(3%)	(1%)	(4%)	(7%)
4	Rate 110	12%	7%	10%	13%	65%	65%	69%	13%
5	Rate 115	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-
7	Rate 135	60%	4%	(5%)	(1%)	75%	59%	78%	3%
8	Rate 145	(19%)	(47%)	(48%)	(45%)	11%	4%	19%	(45%)
9	Rate 170	63%	88%	85%	100%	385%	347%	422%	102%
10	Rate 200	(7%)	1%	(7%)	(6%)	17%	10%	13%	13%
11	Total East Service Area	(2%)	2%	1%	2%	15%	20%	19%	1%
<u>Central Service Area</u>									
12	Rate 1	(0%)	2%	1%	1%	(0%)	(2%)	(0%)	2%
13	Rate 6	(7%)	(8%)	(8%)	(7%)	(12%)	(13%)	(12%)	(4%)
14	Rate 100	(20%)	2%	3%	5%	0%	(1%)	(2%)	3%
15	Rate 110	17%	12%	15%	19%	3%	3%	5%	20%
16	Rate 115	25%	26%	34%	42%	(0%)	(1%)	12%	51%
17	Rate 125	8%	4%	3%	3%	4%	(4%)	3%	3%
18	Rate 135	55%	4%	(4%)	(1%)	(8%)	(10%)	(10%)	2%
19	Rate 145	(7%)	(38%)	(39%)	(37%)	(43%)	(43%)	(43%)	(37%)
20	Rate 170	383%	367%	359%	404%	267%	251%	285%	409%
21	Total Central Service Area	(2%)	(1%)	(2%)	(1%)	(4%)	(5%)	(4%)	0%
22	Total EGD Rate Zone	(2%)	(1%)	(1%)	(1%)	(1%)	(1%)	(0%)	0%
<u>Union North Rate Zone</u>									
<u>North Service Area</u>									
23	Rate 01 - NE	0%	(22%)	(22%)	(22%)	(14%)	(10%)	(18%)	(18%)
24	Rate 10 - NE	(3%)	(25%)	(26%)	(25%)	0%	3%	(14%)	(11%)
25	Rate 20 - NE	(27%)	(32%)	(33%)	(32%)	(29%)	(25%)	(31%)	(31%)
26	Rate 25 - NE	(41%)	(71%)	(71%)	(71%)	(71%)	(68%)	(73%)	(73%)
27	Rate 100 - NE	(28%)	(38%)	(37%)	(37%)	(38%)	(31%)	(38%)	(38%)
28	Rate 01 - NW	4%	(5%)	(6%)	(6%)	3%	9%	(1%)	(2%)
29	Rate 10 - NW	10%	5%	4%	6%	36%	39%	19%	16%
30	Rate 20 - NW	(15%)	(4%)	(2%)	(1%)	30%	31%	11%	11%
31	Rate 25 - NW	(35%)	(61%)	(61%)	(61%)	(60%)	(59%)	(63%)	(63%)
32	Rate 100 - NW	(29%)	(45%)	(45%)	(45%)	(45%)	(35%)	(45%)	(45%)
33	Total North Service Area	(1%)	(18%)	(18%)	(18%)	(8%)	(3%)	(13%)	(13%)
<u>East Service Area</u>									
34	Rate 01 - NE	0%	(16%)	(17%)	(16%)	(9%)	(4%)	(7%)	(18%)
35	Rate 10 - NE	(3%)	(30%)	(30%)	(29%)	(3%)	(1%)	3%	(19%)
36	Rate 20 - NE	(30%)	(44%)	(44%)	(43%)	(27%)	(20%)	(26%)	(43%)
37	Rate 25 - NE	(44%)	3%	3%	3%	3%	20%	3%	3%
38	Rate 100 - NE	(27%)	(37%)	(36%)	(36%)	(37%)	(30%)	(37%)	(37%)
39	Total East Service Area	(4%)	(21%)	(22%)	(21%)	(11%)	(6%)	(8%)	(21%)
40	Total Union North Rate Zone	(2%)	(19%)	(20%)	(19%)	(9%)	(4%)	(11%)	(16%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1)	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)	Three Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
<u>Union South Rate Zone</u>									
<u>South Service Area</u>									
41	Rate M1	5%	8%	7%	8%	6%	4%	6%	5%
42	Rate M2	0%	7%	5%	7%	0%	(1%)	(0%)	2%
43	Rate M4 - Firm	(5%)	(9%)	(7%)	(5%)	(16%)	(16%)	(14%)	(14%)
44	Rate M4 - IT	(31%)	(70%)	(71%)	(70%)	(71%)	(71%)	(69%)	(69%)
45	Rate M5 - Firm	(2%)	(12%)	(11%)	(9%)	(17%)	(18%)	(14%)	(14%)
46	Rate M5 - IT	(32%)	(36%)	(37%)	(34%)	(44%)	(45%)	(45%)	(45%)
47	Rate M7 - Firm	19%	30%	33%	37%	18%	17%	13%	13%
48	Rate M7 - IT & Seas	(47%)	(24%)	(26%)	(21%)	(35%)	(37%)	(38%)	(38%)
49	Rate M9	(3%)	11%	17%	21%	(2%)	3%	(3%)	(3%)
50	Rate T1 - Firm	(14%)	15%	24%	(3%)	3%	3%	1%	1%
51	Rate T1 - IT	(80%)	(93%)	(87%)	(93%)	(93%)	(92%)	(93%)	(93%)
52	Rate T2 - Firm	9%	10%	51%	7%	15%	18%	13%	13%
53	Rate T2 - IT	(57%)	(57%)	(22%)	(57%)	(57%)	(51%)	(57%)	(57%)
54	Rate T3	2%	7%	53%	14%	17%	21%	8%	8%
55	Total South Service Area	4%	8%	10%	8%	5%	4%	5%	5%
56	Total Union South Rate Zone	4%	8%	10%	8%	5%	4%	5%	5%
57	Total In-franchise	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
<u>Ex-franchise</u>									
58	Rate 331	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
59	Rate 332	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)
60	Rate 401	-	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)
62	Rate C1	(4%)	(4%)	(4%)	(4%)	(4%)	(4%)	(4%)	(4%)
63	Rate M13/GPA	85%	85%	85%	85%	85%	85%	85%	85%
64	Rate M16	7%	7%	7%	7%	7%	7%	7%	7%
65	Rate M17	3%	3%	3%	3%	3%	3%	3%	3%
66	Total Ex-franchise	(6%)	(6%)	(6%)	(6%)	(6%)	(6%)	(6%)	(6%)
67	Non-Utility Cross Charge	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)
68	Total	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 4-5, columns (b) to (i) relative to current approved revenue in column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1)	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)	Three Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
<u>EGD Rate Zone</u>									
<u>East Service Area</u>									
1	Rate 1	3%	6%	6%	6%	4%	13%	2%	6%
2	Rate 6	(12%)	4%	5%	5%	(1%)	9%	(5%)	(12%)
3	Rate 100	(35%)	(16%)	(17%)	(17%)	(21%)	(11%)	(24%)	(11%)
4	Rate 110	1%	6%	5%	5%	(8%)	5%	(11%)	6%
5	Rate 115	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-
7	Rate 135	29%	(33%)	(33%)	(33%)	(39%)	(35%)	(35%)	(34%)
8	Rate 145	(36%)	(58%)	(58%)	(58%)	(62%)	(61%)	(60%)	(59%)
9	Rate 170	(63%)	(18%)	(18%)	(18%)	(31%)	(26%)	(27%)	(21%)
10	Rate 200	(14%)	(17%)	(14%)	(14%)	(32%)	(26%)	(36%)	(25%)
11	Total East Service Area	(1%)	5%	5%	5%	1%	11%	(1%)	1%
<u>Central Service Area</u>									
12	Rate 1	3%	5%	6%	6%	6%	3%	7%	5%
13	Rate 6	(13%)	(13%)	(13%)	(13%)	(13%)	(14%)	(11%)	(9%)
14	Rate 100	(32%)	6%	6%	6%	8%	7%	6%	3%
15	Rate 110	2%	9%	9%	8%	11%	10%	11%	8%
16	Rate 115	(17%)	(5%)	(6%)	(6%)	(2%)	(4%)	6%	1%
17	Rate 125	7%	3%	2%	2%	3%	(6%)	1%	1%
18	Rate 135	31%	(31%)	(31%)	(32%)	(30%)	(29%)	(33%)	(33%)
19	Rate 145	(19%)	(49%)	(49%)	(50%)	(49%)	(48%)	(51%)	(51%)
20	Rate 170	(62%)	(16%)	(15%)	(17%)	(13%)	(11%)	(15%)	(19%)
21	Total Central Service Area	(2%)	(0%)	(0%)	(0%)	0%	(2%)	1%	1%
22	Total EGD Rate Zone	(2%)	1%	1%	1%	0%	0%	1%	1%
<u>Union North Rate Zone</u>									
<u>North Service Area</u>									
23	Rate 01 - NE	2%	(20%)	(20%)	(20%)	(22%)	(14%)	(20%)	(20%)
24	Rate 10 - NE	(7%)	(23%)	(23%)	(23%)	(29%)	(22%)	(21%)	(16%)
25	Rate 20 - NE	(37%)	(40%)	(41%)	(41%)	(42%)	(36%)	(42%)	(42%)
26	Rate 25 - NE	(46%)	(76%)	(76%)	(76%)	(76%)	(73%)	(78%)	(78%)
27	Rate 100 - NE	(35%)	(45%)	(44%)	(44%)	(45%)	(38%)	(45%)	(45%)
28	Rate 01 - NW	0%	(16%)	(16%)	(16%)	(18%)	(10%)	(17%)	(17%)
29	Rate 10 - NW	(9%)	(8%)	(8%)	(8%)	(14%)	(6%)	(5%)	(11%)
30	Rate 20 - NW	(40%)	(30%)	(31%)	(31%)	(38%)	(30%)	(38%)	(38%)
31	Rate 25 - NW	(49%)	(83%)	(83%)	(83%)	(83%)	(81%)	(85%)	(85%)
32	Rate 100 - NW	(38%)	(52%)	(53%)	(52%)	(53%)	(43%)	(53%)	(53%)
33	Total North Service Area	(5%)	(22%)	(22%)	(22%)	(24%)	(17%)	(23%)	(23%)
<u>East Service Area</u>									
34	Rate 01 - NE	1%	(10%)	(10%)	(10%)	(12%)	(3%)	(13%)	(13%)
35	Rate 10 - NE	(7%)	(34%)	(34%)	(34%)	(40%)	(34%)	(43%)	(13%)
36	Rate 20 - NE	(39%)	(47%)	(47%)	(47%)	(49%)	(39%)	(50%)	(48%)
37	Rate 25 - NE	(48%)	1%	1%	1%	1%	18%	1%	1%
38	Rate 100 - NE	(34%)	(43%)	(43%)	(43%)	(43%)	(36%)	(43%)	(43%)
39	Total East Service Area	(8%)	(19%)	(19%)	(19%)	(22%)	(13%)	(23%)	(19%)
40	Total Union North Rate Zone	(6%)	(21%)	(21%)	(21%)	(24%)	(16%)	(23%)	(22%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1)	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)	Three Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
<u>Union South Rate Zone</u>									
<u>South Service Area</u>									
41	Rate M1	11%	13%	14%	14%	14%	12%	13%	12%
42	Rate M2	(1%)	0%	0%	0%	1%	(0%)	(1%)	5%
43	Rate M4 - Firm	(9%)	(26%)	(26%)	(26%)	(24%)	(25%)	(21%)	(21%)
44	Rate M4 - IT	(33%)	(71%)	(71%)	(71%)	(71%)	(71%)	(69%)	(69%)
45	Rate M5 - Firm	(2%)	(24%)	(25%)	(25%)	(23%)	(24%)	(19%)	(19%)
46	Rate M5 - IT	(38%)	(58%)	(58%)	(58%)	(57%)	(56%)	(54%)	(54%)
47	Rate M7 - Firm	16%	13%	12%	12%	15%	13%	10%	10%
48	Rate M7 - IT & Seas	(57%)	(52%)	(52%)	(52%)	(51%)	(50%)	(46%)	(46%)
49	Rate M9	(12%)	(7%)	(4%)	(5%)	(3%)	(1%)	(10%)	(10%)
50	Rate T1 - Firm	(20%)	8%	(10%)	(10%)	(3%)	(9%)	(5%)	(5%)
51	Rate T1 - IT	(85%)	(97%)	(98%)	(97%)	(97%)	(98%)	(97%)	(97%)
52	Rate T2 - Firm	(0%)	2%	(1%)	(1%)	7%	1%	5%	5%
53	Rate T2 - IT	(61%)	(61%)	(63%)	(61%)	(61%)	(64%)	(61%)	(61%)
54	Rate T3	(9%)	(4%)	3%	3%	7%	5%	(3%)	(3%)
55	Total South Service Area	6%	8%	8%	8%	9%	7%	8%	8%
56	Total Union South Rate Zone	6%	8%	8%	8%	9%	7%	8%	8%
57	Total In-franchise	0%	0%	0%	0%	0%	0%	0%	0%
<u>Ex-franchise</u>									
58	Rate 331	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
59	Rate 332	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)	(7%)
60	Rate 401	-	-	-	-	(0%)	(0%)	(0%)	(0%)
61	Rate M12/C1 Dawn-Parkway	(11%)	(11%)	(11%)	(11%)	(11%)	(11%)	(11%)	(11%)
62	Rate C1	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)	(10%)
63	Rate M13/GPA	84%	84%	84%	84%	84%	84%	84%	84%
64	Rate M16	(19%)	(19%)	(19%)	(19%)	(19%)	(19%)	(19%)	(19%)
65	Rate M17	0%	0%	0%	0%	0%	0%	0%	0%
66	Total Ex-franchise	(9%)	(9%)	(9%)	(9%)	(9%)	(9%)	(9%)	(9%)
67	Non-Utility Cross Charge	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)	(26%)
68	Total	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 6-7, columns (b) to (i) relative to current approved revenue in column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1)	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)	Three Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
<u>EGD Rate Zone</u>									
<u>East Service Area</u>									
1	Rate 1	(4%)	(3%)	(5%)	(4%)	18%	19%	26%	(2%)
2	Rate 6	(2%)	(2%)	(4%)	(2%)	46%	46%	60%	(1%)
3	Rate 100	(5%)	(5%)	(4%)	(3%)	6%	3%	4%	(5%)
4	Rate 110	23%	9%	14%	20%	136%	124%	147%	21%
5	Rate 115	-	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-	-
7	Rate 135	299%	293%	214%	249%	960%	788%	951%	289%
8	Rate 145	173%	77%	70%	108%	844%	735%	921%	119%
9	Rate 170	100%	(277%)	(270%)	(308%)	(1047%)	(937%)	(1123%)	(319%)
10	Rate 200	(5%)	4%	(6%)	(4%)	28%	18%	23%	21%
11	Total East Service Area	(3%)	(1%)	(4%)	(2%)	31%	30%	40%	2%
<u>Central Service Area</u>									
12	Rate 1	(4%)	(3%)	(5%)	(4%)	(8%)	(8%)	(9%)	(2%)
13	Rate 6	(2%)	(3%)	(4%)	(2%)	(11%)	(12%)	(12%)	(1%)
14	Rate 100	5%	(6%)	(2%)	2%	(15%)	(15%)	(15%)	1%
15	Rate 110	45%	18%	27%	37%	(11%)	(11%)	(7%)	40%
16	Rate 115	163%	126%	161%	199%	6%	10%	30%	216%
17	Rate 125	30%	36%	36%	36%	36%	33%	36%	36%
18	Rate 135	156%	155%	112%	131%	88%	71%	85%	151%
19	Rate 145	69%	31%	28%	44%	(4%)	(11%)	3%	47%
20	Rate 170	100%	(353%)	(346%)	(388%)	(260%)	(242%)	(281%)	(398%)
21	Total Central Service Area	(2%)	(2%)	(4%)	(2%)	(9%)	(9%)	(10%)	(0%)
22	Total EGD Rate Zone	(2%)	(2%)	(4%)	(2%)	(3%)	(3%)	(2%)	0%
<u>Union North Rate Zone</u>									
<u>North Service Area</u>									
23	Rate 01 - NE	(2%)	(24%)	(26%)	(25%)	(6%)	(5%)	(16%)	(16%)
24	Rate 10 - NE	(1%)	(26%)	(27%)	(26%)	22%	21%	(8%)	(8%)
25	Rate 20 - NE	8%	(6%)	(5%)	(4%)	15%	14%	6%	6%
26	Rate 25 - NE	95%	63%	63%	65%	68%	64%	64%	64%
27	Rate 100 - NE	4010%	3852%	3852%	3852%	3842%	3918%	3852%	3852%
28	Rate 01 - NW	11%	11%	9%	10%	36%	38%	22%	22%
29	Rate 10 - NW	28%	18%	16%	19%	84%	83%	43%	43%
30	Rate 20 - NW	24%	38%	42%	47%	138%	128%	89%	89%
31	Rate 25 - NW	34%	49%	49%	51%	55%	50%	50%	50%
32	Rate 100 - NW	4010%	3685%	3685%	3685%	3682%	3795%	3686%	3686%
33	Total North Service Area	4%	(12%)	(13%)	(12%)	14%	15%	(1%)	(1%)
<u>East Service Area</u>									
34	Rate 01 - NE	(2%)	(24%)	(26%)	(24%)	(6%)	(5%)	2%	(23%)
35	Rate 10 - NE	(1%)	(26%)	(28%)	(26%)	23%	22%	37%	(24%)
36	Rate 20 - NE	24%	(27%)	(22%)	(16%)	102%	91%	114%	(15%)
37	Rate 25 - NE	122%	86%	86%	88%	91%	87%	89%	84%
38	Rate 100 - NE	4010%	3635%	3635%	3635%	3625%	3703%	3635%	3635%
39	Total East Service Area	(0%)	(24%)	(26%)	(24%)	4%	5%	13%	(23%)
40	Total Union North Rate Zone	3%	(16%)	(17%)	(16%)	11%	12%	4%	(8%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Approved

Line No.	Particulars	Current Rate Zones (1)	One Rate Zone - Proposed (1)	One Rate Zone - No Regional Adjustments (1)	One Rate Zone - As Filed in Phase 1 (1)	Two Rate Zones - One Rate Zone Distribution (1)	Two Rate Zones (1)	Four Rate Zones - One Rate Zone Distribution (1)	Three Rate Zones - One Rate Zone Distribution (1)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
<u>Union South Rate Zone</u>									
<u>South Service Area</u>									
41	Rate M1	(1%)	2%	(0%)	1%	(4%)	(4%)	(3%)	(2%)
42	Rate M2	1%	12%	9%	12%	(0%)	(1%)	(0%)	(0%)
43	Rate M4 - Firm	8%	43%	53%	65%	12%	13%	8%	8%
44	Rate M4 - IT	34%	(30%)	(33%)	(18%)	(64%)	(70%)	(82%)	(82%)
45	Rate M5 - Firm	(1%)	67%	81%	97%	22%	23%	16%	16%
46	Rate M5 - IT	8%	95%	90%	117%	37%	25%	5%	5%
47	Rate M7 - Firm	29%	99%	119%	141%	34%	36%	25%	25%
48	Rate M7 - IT & Seas	(2%)	92%	86%	114%	30%	18%	(4%)	(4%)
49	Rate M9	4%	24%	32%	39%	(1%)	6%	2%	2%
50	Rate T1 - Firm	209%	258%	1379%	250%	253%	471%	259%	259%
51	Rate T1 - IT	68%	52%	239%	52%	46%	82%	52%	52%
52	Rate T2 - Firm	199%	193%	1170%	185%	187%	386%	193%	193%
53	Rate T2 - IT	94%	100%	1824%	100%	93%	552%	100%	100%
54	Rate T3	312%	312%	1454%	326%	308%	453%	314%	314%
55	Total South Service Area	1%	7%	12%	7%	(1%)	(0%)	(0%)	(0%)
56	Total Union South Rate Zone	1%	7%	12%	7%	(1%)	(0%)	(0%)	(0%)
57	Total In-franchise	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)
<u>Ex-franchise</u>									
58	Rate 331	-	-	-	-	-	-	-	-
59	Rate 332	-	-	-	-	-	-	-	-
60	Rate 401	-	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	24%	24%	24%	24%	24%	24%	24%	24%
62	Rate C1	32%	32%	32%	32%	32%	32%	32%	32%
63	Rate M13/GPA	99%	99%	99%	99%	99%	99%	99%	99%
64	Rate M16	77%	77%	77%	77%	77%	77%	77%	77%
65	Rate M17	62%	62%	63%	63%	63%	63%	63%	63%
66	Total Ex-franchise	26%	26%	26%	26%	26%	26%	26%	26%
67	Non-Utility Cross Charge	-	-	-	-	-	-	-	-
68	Total	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)	(1%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 8-9, columns (b) to (i) relative to current approved revenue in column (a).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)	Three Rate Zones - One Rate Zone Distribution (1) (g)
<u>EGD Rate Zone</u>								
<u>East Service Area</u>								
1	Rate 1	2%	1%	2%	10%	16%	13%	2%
2	Rate 6	8%	7%	9%	33%	38%	39%	1%
3	Rate 100	7%	7%	8%	14%	15%	11%	8%
4	Rate 110	(4%)	(2%)	0%	47%	47%	51%	1%
5	Rate 115	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-
7	Rate 135	(35%)	(40%)	(38%)	9%	(1%)	11%	(36%)
8	Rate 145	(34%)	(35%)	(31%)	38%	29%	48%	(31%)
9	Rate 170	15%	14%	23%	197%	173%	220%	24%
10	Rate 200	8%	(1%)	1%	25%	18%	21%	21%
11	Total East Service Area	4%	3%	4%	18%	23%	21%	3%
<u>Central Service Area</u>								
12	Rate 1	2%	1%	2%	(0%)	(2%)	(0%)	2%
13	Rate 6	(1%)	(1%)	(0%)	(5%)	(6%)	(5%)	3%
14	Rate 100	28%	29%	31%	25%	24%	23%	28%
15	Rate 110	(4%)	(2%)	1%	(12%)	(13%)	(11%)	2%
16	Rate 115	1%	7%	14%	(20%)	(20%)	(11%)	21%
17	Rate 125	(3%)	(4%)	(4%)	(4%)	(11%)	(5%)	(5%)
18	Rate 135	(33%)	(38%)	(36%)	(41%)	(42%)	(42%)	(34%)
19	Rate 145	(34%)	(34%)	(32%)	(39%)	(39%)	(39%)	(33%)
20	Rate 170	(3%)	(5%)	4%	(24%)	(27%)	(20%)	5%
21	Total Central Service Area	1%	0%	1%	(2%)	(4%)	(2%)	2%
22	Total EGD Rate Zone	1%	0%	1%	1%	1%	1%	2%
<u>Union North Rate Zone</u>								
<u>North Service Area</u>								
23	Rate 01 - NE	(22%)	(23%)	(22%)	(14%)	(10%)	(18%)	(18%)
24	Rate 10 - NE	(22%)	(23%)	(22%)	4%	7%	(10%)	(8%)
25	Rate 20 - NE	(8%)	(8%)	(7%)	(3%)	3%	(6%)	(6%)
26	Rate 25 - NE	(51%)	(51%)	(51%)	(51%)	(46%)	(54%)	(54%)
27	Rate 100 - NE	(14%)	(13%)	(13%)	(14%)	(5%)	(14%)	(14%)
28	Rate 01 - NW	(9%)	(10%)	(10%)	(1%)	4%	(6%)	(6%)
29	Rate 10 - NW	(4%)	(5%)	(4%)	24%	27%	9%	6%
30	Rate 20 - NW	13%	15%	17%	53%	55%	31%	31%
31	Rate 25 - NW	(39%)	(39%)	(39%)	(38%)	(37%)	(42%)	(42%)
32	Rate 100 - NW	(22%)	(22%)	(22%)	(22%)	(8%)	(22%)	(22%)
33	Total North Service Area	(17%)	(17%)	(17%)	(7%)	(2%)	(12%)	(12%)
<u>East Service Area</u>								
34	Rate 01 - NE	(16%)	(17%)	(16%)	(9%)	(4%)	(7%)	(18%)
35	Rate 10 - NE	(27%)	(28%)	(27%)	0%	2%	7%	(17%)
36	Rate 20 - NE	(20%)	(19%)	(18%)	4%	15%	6%	(18%)
37	Rate 25 - NE	84%	84%	84%	84%	115%	85%	84%
38	Rate 100 - NE	(13%)	(12%)	(12%)	(13%)	(4%)	(13%)	(13%)
39	Total East Service Area	(18%)	(18%)	(18%)	(7%)	(1%)	(3%)	(17%)
40	Total Union North Rate Zone	(17%)	(18%)	(17%)	(7%)	(2%)	(9%)	(14%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Total Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)	Three Rate Zones - One Rate Zone Distribution (1) (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
41	Rate M1	3%	2%	2%	1%	(1%)	1%	0%
42	Rate M2	6%	5%	7%	0%	(1%)	(1%)	2%
43	Rate M4 - Firm	(5%)	(3%)	0%	(11%)	(12%)	(10%)	(10%)
44	Rate M4 - IT	(57%)	(57%)	(57%)	(58%)	(58%)	(55%)	(55%)
45	Rate M5 - Firm	(11%)	(9%)	(7%)	(15%)	(16%)	(13%)	(13%)
46	Rate M5 - IT	(7%)	(8%)	(2%)	(18%)	(19%)	(20%)	(20%)
47	Rate M7 - Firm	9%	12%	15%	(0%)	(1%)	(5%)	(5%)
48	Rate M7 - IT & Seas	41%	39%	49%	21%	18%	16%	16%
49	Rate M9	14%	20%	24%	1%	6%	(0%)	(0%)
50	Rate T1 - Firm	33%	44%	12%	20%	20%	18%	18%
51	Rate T1 - IT	(63%)	(33%)	(63%)	(64%)	(60%)	(63%)	(63%)
52	Rate T2 - Firm	2%	39%	(1%)	6%	8%	4%	4%
53	Rate T2 - IT	0%	82%	0%	(0%)	15%	0%	0%
54	Rate T3	5%	50%	12%	14%	18%	6%	6%
55	Total South Service Area	3%	5%	3%	1%	(0%)	0%	0%
56	Total Union South Rate Zone	3%	5%	3%	1%	(0%)	0%	0%
57	Total In-franchise	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
<u>Ex-franchise</u>								
58	Rate 331	-	-	-	-	-	-	-
59	Rate 332	0%	0%	0%	0%	0%	0%	0%
60	Rate 401	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	0%	0%	0%	0%	0%	0%	0%
62	Rate C1	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
63	Rate M13/GPA	0%	0%	0%	0%	0%	0%	0%
64	Rate M16	0%	0%	0%	0%	0%	0%	0%
65	Rate M17	0%	0%	0%	0%	0%	0%	0%
66	Total Ex-franchise	0%	0%	0%	0%	0%	0%	0%
67	Non-Utility Cross Charge	(0%)	0%	0%	0%	0%	0%	0%
68	Total	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 4-5, columns (c) to (i) relative to current rate zone alternative revenue in column (b).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)	Three Rate Zones - One Rate Zone Distribution (1) (g)
<u>EGD Rate Zone</u>								
<u>East Service Area</u>								
1	Rate 1	3%	3%	3%	0%	10%	(1%)	3%
2	Rate 6	19%	19%	19%	13%	24%	8%	1%
3	Rate 100	29%	28%	28%	21%	37%	16%	36%
4	Rate 110	4%	3%	3%	(9%)	3%	(12%)	5%
5	Rate 115	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-
7	Rate 135	(48%)	(48%)	(48%)	(53%)	(50%)	(50%)	(49%)
8	Rate 145	(34%)	(34%)	(34%)	(41%)	(38%)	(37%)	(36%)
9	Rate 170	124%	124%	122%	89%	101%	99%	117%
10	Rate 200	(4%)	(1%)	(1%)	(22%)	(14%)	(26%)	(13%)
11	Total East Service Area	6%	6%	6%	2%	12%	0%	2%
<u>Central Service Area</u>								
12	Rate 1	2%	2%	2%	2%	0%	3%	1%
13	Rate 6	(1%)	(0%)	(0%)	0%	(1%)	1%	4%
14	Rate 100	58%	57%	57%	60%	58%	56%	53%
15	Rate 110	7%	7%	7%	9%	8%	9%	6%
16	Rate 115	15%	14%	14%	18%	17%	29%	22%
17	Rate 125	(4%)	(5%)	(4%)	(4%)	(12%)	(5%)	(5%)
18	Rate 135	(48%)	(48%)	(48%)	(47%)	(46%)	(49%)	(49%)
19	Rate 145	(38%)	(38%)	(38%)	(37%)	(36%)	(39%)	(39%)
20	Rate 170	121%	122%	119%	129%	134%	122%	112%
21	Total Central Service Area	1%	1%	1%	2%	(0%)	3%	2%
22	Total EGD Rate Zone	2%	2%	2%	2%	2%	2%	2%
<u>Union North Rate Zone</u>								
<u>North Service Area</u>								
23	Rate 01 - NE	(21%)	(21%)	(21%)	(23%)	(16%)	(22%)	(22%)
24	Rate 10 - NE	(17%)	(17%)	(17%)	(23%)	(16%)	(15%)	(9%)
25	Rate 20 - NE	(5%)	(7%)	(6%)	(7%)	1%	(7%)	(7%)
26	Rate 25 - NE	(56%)	(56%)	(56%)	(56%)	(51%)	(59%)	(59%)
27	Rate 100 - NE	(15%)	(15%)	(15%)	(16%)	(5%)	(15%)	(15%)
28	Rate 01 - NW	(16%)	(16%)	(16%)	(18%)	(10%)	(17%)	(17%)
29	Rate 10 - NW	2%	2%	2%	(5%)	4%	5%	(2%)
30	Rate 20 - NW	16%	16%	16%	4%	17%	3%	3%
31	Rate 25 - NW	(66%)	(66%)	(66%)	(67%)	(63%)	(71%)	(71%)
32	Rate 100 - NW	(24%)	(24%)	(24%)	(24%)	(9%)	(24%)	(24%)
33	Total North Service Area	(18%)	(18%)	(18%)	(21%)	(13%)	(19%)	(19%)
<u>East Service Area</u>								
34	Rate 01 - NE	(11%)	(11%)	(11%)	(13%)	(5%)	(15%)	(14%)
35	Rate 10 - NE	(29%)	(29%)	(29%)	(35%)	(29%)	(39%)	(6%)
36	Rate 20 - NE	(13%)	(13%)	(13%)	(17%)	1%	(18%)	(14%)
37	Rate 25 - NE	94%	94%	94%	94%	128%	95%	94%
38	Rate 100 - NE	(14%)	(13%)	(13%)	(14%)	(3%)	(13%)	(13%)
39	Total East Service Area	(13%)	(13%)	(13%)	(15%)	(6%)	(17%)	(13%)
40	Total Union North Rate Zone	(16%)	(16%)	(16%)	(19%)	(10%)	(18%)	(17%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Delivery Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)	Three Rate Zones - One Rate Zone Distribution (1) (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
41	Rate M1	3%	3%	3%	3%	1%	2%	2%
42	Rate M2	1%	1%	1%	2%	0%	0%	6%
43	Rate M4 - Firm	(18%)	(19%)	(19%)	(16%)	(17%)	(13%)	(13%)
44	Rate M4 - IT	(57%)	(58%)	(58%)	(57%)	(57%)	(53%)	(53%)
45	Rate M5 - Firm	(23%)	(23%)	(23%)	(21%)	(22%)	(17%)	(17%)
46	Rate M5 - IT	(31%)	(31%)	(31%)	(30%)	(29%)	(25%)	(25%)
47	Rate M7 - Firm	(3%)	(3%)	(3%)	(2%)	(3%)	(6%)	(6%)
48	Rate M7 - IT & Seas	12%	12%	12%	15%	17%	26%	26%
49	Rate M9	5%	8%	8%	10%	12%	2%	2%
50	Rate T1 - Firm	35%	12%	12%	20%	14%	18%	18%
51	Rate T1 - IT	(82%)	(83%)	(82%)	(82%)	(85%)	(82%)	(82%)
52	Rate T2 - Firm	2%	(1%)	(1%)	8%	1%	5%	5%
53	Rate T2 - IT	(0%)	(5%)	(0%)	(0%)	(9%)	(0%)	(0%)
54	Rate T3	6%	13%	13%	17%	15%	7%	7%
55	Total South Service Area	2%	1%	1%	3%	0%	2%	2%
56	Total Union South Rate Zone	2%	1%	1%	3%	0%	2%	2%
57	Total In-franchise	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
<u>Ex-franchise</u>								
58	Rate 331	-	-	-	-	-	-	-
59	Rate 332	0%	0%	0%	0%	0%	0%	0%
60	Rate 401	-	-	-	(0%)	(0%)	(0%)	(0%)
61	Rate M12/C1 Dawn-Parkway	0%	0%	0%	0%	0%	0%	0%
62	Rate C1	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
63	Rate M13/GPA	0%	0%	0%	0%	0%	0%	0%
64	Rate M16	0%	0%	0%	0%	0%	0%	0%
65	Rate M17	0%	0%	0%	0%	0%	0%	0%
66	Total Ex-franchise	0%	0%	0%	0%	0%	0%	0%
67	Non-Utility Cross Charge	(0%)	0%	0%	0%	0%	0%	0%
68	Total	0%	0%	0%	0%	0%	0%	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 6-7, columns (c) to (i) relative to current rate zone alternative revenue in column (b).

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)	Three Rate Zones - One Rate Zone Distribution (1) (g)
<u>EGD Rate Zone</u>								
<u>East Service Area</u>								
1	Rate 1	2%	(1%)	1%	23%	25%	32%	2%
2	Rate 6	0%	(2%)	0%	50%	49%	64%	2%
3	Rate 100	0%	1%	3%	11%	9%	10%	(0%)
4	Rate 110	(11%)	(7%)	(2%)	92%	82%	101%	(2%)
5	Rate 115	-	-	-	-	-	-	-
6	Rate 125	-	-	-	-	-	-	-
7	Rate 135	(2%)	(21%)	(13%)	166%	123%	163%	(3%)
8	Rate 145	(35%)	(38%)	(24%)	246%	206%	274%	(20%)
9	Rate 170	(35%)	(38%)	(24%)	248%	207%	276%	(19%)
10	Rate 200	10%	(1%)	1%	34%	24%	30%	28%
11	Total East Service Area	2%	(1%)	1%	35%	34%	44%	5%
<u>Central Service Area</u>								
12	Rate 1	2%	(1%)	1%	(4%)	(4%)	(5%)	2%
13	Rate 6	(0%)	(2%)	(0%)	(9%)	(10%)	(10%)	2%
14	Rate 100	(10%)	(6%)	(3%)	(19%)	(19%)	(19%)	(3%)
15	Rate 110	(19%)	(12%)	(5%)	(39%)	(38%)	(36%)	(3%)
16	Rate 115	(14%)	(1%)	13%	(60%)	(58%)	(51%)	20%
17	Rate 125	4%	4%	4%	4%	2%	5%	5%
18	Rate 135	(0%)	(17%)	(10%)	(27%)	(33%)	(28%)	(2%)
19	Rate 145	(23%)	(24%)	(15%)	(43%)	(48%)	(39%)	(13%)
20	Rate 170	(29%)	(31%)	(19%)	(55%)	(60%)	(49%)	(16%)
21	Total Central Service Area	0%	(2%)	0%	(7%)	(7%)	(8%)	2%
22	Total EGD Rate Zone	0%	(2%)	0%	(0%)	(1%)	0%	2%
<u>Union North Rate Zone</u>								
<u>North Service Area</u>								
23	Rate 01 - NE	(23%)	(24%)	(23%)	(4%)	(3%)	(14%)	(14%)
24	Rate 10 - NE	(25%)	(27%)	(25%)	22%	22%	(7%)	(7%)
25	Rate 20 - NE	(13%)	(12%)	(11%)	7%	5%	(2%)	(2%)
26	Rate 25 - NE	(16%)	(16%)	(15%)	(14%)	(16%)	(16%)	(16%)
27	Rate 100 - NE	(4%)	(4%)	(4%)	(4%)	(2%)	(4%)	(4%)
28	Rate 01 - NW	0%	(2%)	(0%)	23%	25%	11%	11%
29	Rate 10 - NW	(8%)	(9%)	(8%)	43%	43%	11%	11%
30	Rate 20 - NW	11%	14%	18%	91%	83%	52%	52%
31	Rate 25 - NW	12%	11%	13%	16%	12%	12%	12%
32	Rate 100 - NW	(8%)	(8%)	(8%)	(8%)	(5%)	(8%)	(8%)
33	Total North Service Area	(15%)	(17%)	(15%)	10%	11%	(4%)	(4%)
<u>East Service Area</u>								
34	Rate 01 - NE	(23%)	(24%)	(23%)	(4%)	(3%)	3%	(22%)
35	Rate 10 - NE	(26%)	(27%)	(25%)	24%	23%	38%	(24%)
36	Rate 20 - NE	(41%)	(37%)	(32%)	63%	55%	73%	(31%)
37	Rate 25 - NE	(16%)	(16%)	(15%)	(14%)	(16%)	(15%)	(17%)
38	Rate 100 - NE	(9%)	(9%)	(9%)	(9%)	(7%)	(9%)	(9%)
39	Total East Service Area	(24%)	(25%)	(24%)	5%	5%	14%	(23%)
40	Total Union North Rate Zone	(18%)	(20%)	(18%)	8%	9%	1%	(10%)

Summary of Rate Zone Alternatives - Revenue Change by Rate Class
Gas Cost Revenue Change vs. Current Rate Zones Alternative

Line No.	Particulars	One Rate Zone - Proposed (1) (a)	One Rate Zone - No Regional Adjustments (1) (b)	One Rate Zone - As Filed in Phase 1 (1) (c)	Two Rate Zones - One Rate Zone Distribution (1) (d)	Two Rate Zones (1) (e)	Four Rate Zones - One Rate Zone Distribution (1) (f)	Three Rate Zones - One Rate Zone Distribution (1) (g)
<u>Union South Rate Zone</u>								
<u>South Service Area</u>								
41	Rate M1	3%	1%	2%	(3%)	(3%)	(1%)	(1%)
42	Rate M2	11%	9%	11%	(1%)	(2%)	(1%)	(1%)
43	Rate M4 - Firm	32%	42%	52%	3%	4%	0%	0%
44	Rate M4 - IT	(48%)	(50%)	(39%)	(73%)	(78%)	(86%)	(86%)
45	Rate M5 - Firm	68%	82%	98%	23%	24%	17%	17%
46	Rate M5 - IT	81%	76%	101%	26%	16%	(3%)	(3%)
47	Rate M7 - Firm	54%	70%	86%	4%	5%	(3%)	(3%)
48	Rate M7 - IT & Seas	96%	89%	117%	32%	20%	(2%)	(2%)
49	Rate M9	19%	27%	34%	(5%)	2%	(1%)	(1%)
50	Rate T1 - Firm	16%	379%	14%	14%	85%	16%	16%
51	Rate T1 - IT	(10%)	102%	(10%)	(13%)	8%	(10%)	(10%)
52	Rate T2 - Firm	(2%)	325%	(5%)	(4%)	63%	(2%)	(2%)
53	Rate T2 - IT	4%	894%	4%	(0%)	237%	4%	4%
54	Rate T3	0%	277%	3%	(1%)	34%	0%	0%
55	Total South Service Area	6%	11%	6%	(2%)	(1%)	(1%)	(1%)
56	Total Union South Rate Zone	6%	11%	6%	(2%)	(1%)	(1%)	(1%)
57	Total In-franchise	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
<u>Ex-franchise</u>								
58	Rate 331	-	-	-	-	-	-	-
59	Rate 332	-	-	-	-	-	-	-
60	Rate 401	-	-	-	-	-	-	-
61	Rate M12/C1 Dawn-Parkway	0%	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
62	Rate C1	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
63	Rate M13/GPA	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
64	Rate M16	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
65	Rate M17	(0%)	1%	1%	1%	0%	1%	1%
66	Total Ex-franchise	(0%)	0%	0%	0%	0%	0%	0%
67	Non-Utility Cross Charge	-	-	-	-	-	-	-
68	Total	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)

Note:

(1) Percentage change based on rate zone alternative revenue from pages 8-9, columns (c) to (i) relative to current rate zone alternative revenue in column (b).

Summary of Average Total Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - No Regional Adjustments	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Three Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(e)	(f)	(g)	(h)	(i)
	<u>EGD Rate Zone</u>								
	<u>East Service Area</u>								
1	Rate 1	(0.1%)	0.7%	(0.1%)	0.5%	8.2%	14.8%	11.4%	1.4%
2	Rate 6	(6.3%)	(13.6%)	(14.2%)	(13.4%)	0.6%	2.4%	4.0%	(11.3%)
3	Rate 100	(14.2%)	(8.6%)	(7.9%)	(7.1%)	(2.7%)	(1.4%)	(4.5%)	(7.2%)
4	Rate 110	4.2%	2.4%	3.3%	4.4%	23.4%	23.4%	24.9%	4.7%
5	Rate 135	15.3%	0.2%	(2.1%)	(1.1%)	18.1%	13.9%	18.7%	(0.2%)
6	Rate 145	(5.7%)	(13.8%)	(13.9%)	(13.1%)	3.2%	1.1%	5.7%	(13.0%)
7	Rate 170	4.8%	6.6%	6.4%	7.5%	29.0%	26.1%	31.8%	7.7%
8	Rate 200	(5.4%)	0.5%	(6.0%)	(4.9%)	13.7%	8.1%	10.3%	10.7%
	<u>Central Service Area</u>								
9	Rate 1	(0.1%)	0.7%	(0.1%)	0.5%	(1.2%)	(2.6%)	(1.3%)	1.4%
10	Rate 6	(6.3%)	(13.6%)	(14.2%)	(13.4%)	(15.8%)	(16.4%)	(16.3%)	(11.3%)
11	Rate 100	(11.6%)	(1.1%)	(0.5%)	0.3%	(2.5%)	(2.9%)	(3.2%)	(0.6%)
12	Rate 110	4.7%	3.1%	4.0%	5.1%	0.3%	0.1%	0.8%	5.3%
13	Rate 115	2.2%	2.3%	3.3%	4.5%	(1.4%)	(1.4%)	0.3%	5.8%
14	Rate 125	0.4%	0.3%	0.2%	0.2%	0.2%	(0.3%)	0.2%	0.2%
15	Rate 135	15.6%	(1.5%)	(3.7%)	(2.8%)	(4.8%)	(5.5%)	(5.4%)	(1.9%)
16	Rate 145	(5.0%)	(14.2%)	(14.4%)	(13.6%)	(16.0%)	(16.2%)	(16.0%)	(13.7%)
17	Rate 170	7.3%	6.9%	6.7%	7.9%	4.2%	3.8%	4.7%	8.1%

Summary of Average Total Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - No Regional Adjustments	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Three Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(e)	(f)	(g)	(h)	(i)
	<u>Union North Rate Zone</u>								
	<u>North Service Area</u>								
18	Rate 01 - NE	0.1%	(19.5%)	(20.2%)	(19.7%)	(13.6%)	(8.9%)	(16.8%)	(16.9%)
19	Rate 10 - NE	(2.6%)	(24.1%)	(24.6%)	(23.9%)	(11.0%)	(9.3%)	(17.7%)	(16.0%)
20	Rate 20 - NE	(7.4%)	(8.9%)	(9.1%)	(8.9%)	(7.9%)	(6.8%)	(8.5%)	(8.5%)
21	Rate 25 - NE	(9.7%)	(17.7%)	(17.7%)	(17.7%)	(17.7%)	(17.4%)	(18.2%)	(18.2%)
22	Rate 100 - NE	(2.0%)	(2.8%)	(2.8%)	(2.8%)	(2.8%)	(2.3%)	(2.8%)	(2.8%)
23	Rate 01 - NW	3.9%	(5.0%)	(5.8%)	(5.2%)	2.0%	7.6%	(1.7%)	(1.8%)
24	Rate 10 - NW	6.7%	(3.4%)	(4.1%)	(3.2%)	13.3%	15.4%	4.8%	6.9%
25	Rate 20 - NW	(4.6%)	(1.2%)	(0.7%)	(0.1%)	9.4%	9.8%	3.5%	3.5%
26	Rate 25 - NW	(7.5%)	(12.7%)	(12.8%)	(12.7%)	(12.6%)	(12.4%)	(13.2%)	(13.2%)
27	Rate 100 - NW	(2.0%)	(3.0%)	(3.0%)	(3.0%)	(3.0%)	(2.4%)	(3.0%)	(3.0%)
	<u>East Service Area</u>								
28	Rate 01 - NE	0.1%	(19.5%)	(20.2%)	(19.7%)	(13.6%)	(8.9%)	(11.1%)	(17.4%)
29	Rate 10 - NE	(2.6%)	(24.1%)	(24.6%)	(23.9%)	(11.0%)	(9.3%)	(7.8%)	(21.9%)
30	Rate 20 - NE	(5.8%)	(8.6%)	(8.5%)	(8.3%)	(5.2%)	(3.8%)	(5.0%)	(8.3%)
31	Rate 25 - NE	(10.5%)	(20.4%)	(20.4%)	(20.4%)	(20.4%)	(20.2%)	(20.4%)	(20.4%)
32	Rate 100 - NE	(2.2%)	(3.0%)	(3.0%)	(3.0%)	(3.0%)	(2.4%)	(3.0%)	(3.0%)

Summary of Average Total Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - No Regional Adjustments	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Three Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(e)	(f)	(g)	(h)	(i)
	<u>Union South Rate Zone</u>								
	<u>South Service Area</u>								
33	Rate M1	4.7%	6.4%	5.5%	6.1%	3.6%	3.0%	4.6%	5.1%
34	Rate M2	(0.4%)	2.3%	5.4%	6.4%	2.6%	(1.1%)	4.1%	(2.7%)
35	Rate M4 - Firm	(1.8%)	(3.7%)	(2.9%)	(2.0%)	(6.1%)	(6.3%)	(5.6%)	(5.6%)
36	Rate M4 - IT	(9.3%)	(18.6%)	(18.8%)	(18.0%)	(20.2%)	(20.3%)	(19.6%)	(19.6%)
37	Rate M5 - Firm	(0.7%)	(4.6%)	(3.9%)	(3.0%)	(6.7%)	(7.0%)	(5.6%)	(5.6%)
38	Rate M5 - IT	(8.0%)	(8.8%)	(9.0%)	(8.0%)	(10.8%)	(11.1%)	(11.2%)	(11.2%)
39	Rate M7 - Firm	4.7%	7.4%	8.3%	9.4%	4.3%	4.1%	2.8%	2.8%
40	Rate M7 - IT & Seas	(8.6%)	(4.3%)	(4.5%)	(3.5%)	(6.5%)	(6.9%)	(7.1%)	(7.1%)
41	Rate M9	(0.8%)	3.4%	5.1%	6.3%	(0.5%)	0.9%	(0.8%)	(0.8%)
42	Rate T1 - Firm	(2.7%)	2.9%	4.8%	(0.6%)	0.7%	0.7%	0.3%	0.3%
43	Rate T1 - IT	(10.9%)	(12.6%)	(11.9%)	(12.6%)	(12.7%)	(12.6%)	(12.6%)	(12.6%)
44	Rate T2 - Firm	0.9%	1.1%	5.2%	0.8%	1.6%	1.8%	1.4%	1.4%
45	Rate T2 - IT	(9.7%)	(15.8%)	(14.8%)	(15.8%)	(15.8%)	(15.7%)	(15.8%)	(15.8%)
46	Rate T3	0.4%	1.4%	10.1%	2.7%	3.2%	3.9%	1.6%	1.6%

Summary of Average Direct Purchase Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - No Regional Adjustments	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Three Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(e)	(f)	(g)	(h)	(i)
	<u>EGD Rate Zone</u>								
	<u>East Service Area</u>								
1	Rate 1	3.2%	1.3%	(0.1%)	0.9%	26.0%	36.7%	34.2%	4.5%
2	Rate 6	(7.1%)	(26.9%)	(28.1%)	(26.5%)	22.8%	26.5%	34.8%	(18.8%)
3	Rate 100 (1)								
4	Rate 110	21.6%	10.6%	14.7%	19.5%	116.7%	116.5%	126.4%	22.6%
5	Rate 135	74.6%	(4.0%)	(14.9%)	(10.3%)	87.4%	66.7%	90.7%	(5.0%)
6	Rate 145	(19.4%)	(47.0%)	(47.6%)	(44.6%)	11.1%	3.9%	19.4%	(44.5%)
7	Rate 170	62.8%	87.1%	84.4%	99.2%	381.6%	343.1%	417.8%	100.7%
8	Rate 200	(44.1%)	(28.0%)	(64.3%)	(58.9%)	107.9%	75.0%	106.6%	40.7%
	<u>Central Service Area</u>								
9	Rate 1	3.2%	1.3%	(0.1%)	0.9%	(4.7%)	(7.0%)	(3.1%)	4.5%
10	Rate 6	(7.1%)	(26.9%)	(28.1%)	(26.5%)	(36.1%)	(37.4%)	(34.3%)	(18.8%)
11	Rate 100	(25.1%)	(0.1%)	1.1%	3.0%	(4.5%)	(5.5%)	(5.0%)	2.3%
12	Rate 110	21.9%	13.0%	16.9%	21.7%	(0.5%)	(1.2%)	2.7%	23.8%
13	Rate 115	16.3%	16.8%	24.8%	33.7%	(10.5%)	(10.7%)	2.0%	43.0%
14	Rate 125	6.2%	3.6%	2.7%	2.9%	3.4%	(4.5%)	2.3%	2.3%
15	Rate 135	74.2%	(5.3%)	(15.8%)	(11.3%)	(22.2%)	(25.5%)	(24.1%)	(6.3%)
16	Rate 145	(15.5%)	(46.3%)	(46.8%)	(44.1%)	(52.4%)	(53.1%)	(52.4%)	(44.1%)
17	Rate 170	888.5%	826.3%	801.5%	944.8%	498.8%	446.2%	562.0%	969.1%

Summary of Average Direct Purchase Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - No Regional Adjustments	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Three Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(e)	(f)	(g)	(h)	(i)
	<u>Union North Rate Zone</u>								
	<u>North Service Area</u>								
18	Rate 01 - NE	(0.3%)	(23.9%)	(24.9%)	(24.2%)	(5.6%)	1.5%	(16.8%)	(16.9%)
19	Rate 10 - NE	(6.3%)	(38.2%)	(39.4%)	(37.9%)	9.0%	12.5%	(18.6%)	(15.1%)
20	Rate 20 - NE	(27.8%)	(33.5%)	(34.2%)	(33.5%)	(29.4%)	(25.6%)	(32.3%)	(32.3%)
21	Rate 25 - NE	(47.8%)	(89.4%)	(89.4%)	(89.4%)	(89.4%)	(88.0%)	(89.4%)	(89.4%)
22	Rate 100 - NE	(27.2%)	(37.3%)	(36.8%)	(36.8%)	(37.6%)	(30.7%)	(37.2%)	(37.2%)
23	Rate 01 - NW	5.4%	(18.0%)	(19.1%)	(18.4%)	1.6%	9.3%	(10.4%)	(10.6%)
24	Rate 10 - NW	12.3%	(31.1%)	(32.4%)	(30.7%)	9.0%	25.4%	(9.3%)	(5.4%)
25	Rate 20 - NW	(18.8%)	(8.7%)	(7.0%)	(4.9%)	34.6%	36.2%	9.9%	9.9%
26	Rate 25 - NW	(48.8%)	(83.9%)	(83.9%)	(83.9%)	(83.9%)	(81.4%)	(83.9%)	(83.9%)
27	Rate 100 - NW	(29.0%)	(44.1%)	(44.2%)	(44.2%)	(44.3%)	(34.8%)	(44.4%)	(44.4%)
	<u>East Service Area</u>								
28	Rate 01 - NE	(0.3%)	(23.9%)	(24.9%)	(24.2%)	(5.6%)	1.5%	0.4%	(19.2%)
29	Rate 10 - NE	(6.3%)	(38.2%)	(39.4%)	(37.9%)	9.0%	12.5%	20.4%	(30.6%)
30	Rate 20 - NE	(31.4%)	(45.5%)	(45.0%)	(44.1%)	(27.8%)	(19.9%)	(26.3%)	(44.1%)
31	Rate 25 - NE	(47.8%)	(92.6%)	(92.6%)	(92.6%)	(92.6%)	(91.7%)	(92.6%)	(92.6%)
32	Rate 100 - NE	(26.8%)	(36.3%)	(35.8%)	(35.8%)	(36.6%)	(29.5%)	(36.1%)	(36.1%)

Summary of Average Direct Purchase Bill Impacts by Current Rate Class

Line No.	Particulars	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - No Regional Adjustments	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Three Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(e)	(f)	(g)	(h)	(i)
	<u>Union South Rate Zone</u>								
	<u>South Service Area</u>								
33	Rate M1	10.1%	20.4%	18.8%	19.9%	12.1%	11.0%	11.0%	11.7%
34	Rate M2	3.0%	30.2%	44.0%	47.3%	25.1%	11.1%	21.3%	(1.4%)
35	Rate M4 - Firm	(5.5%)	(9.2%)	(6.5%)	(3.1%)	(18.4%)	(19.1%)	(17.7%)	(17.7%)
36	Rate M4 - IT	(23.3%)	(46.8%)	(47.2%)	(45.3%)	(50.7%)	(50.9%)	(49.2%)	(49.2%)
37	Rate M5 - Firm	(1.7%)	(11.8%)	(9.9%)	(7.2%)	(18.4%)	(19.2%)	(16.1%)	(16.1%)
38	Rate M5 - IT	(35.7%)	(38.2%)	(39.0%)	(34.8%)	(47.8%)	(49.1%)	(50.2%)	(50.2%)
39	Rate M7 - Firm	22.6%	37.2%	41.4%	46.6%	21.9%	20.9%	13.9%	13.9%
40	Rate M7 - IT & Seas	(53.1%)	(29.9%)	(31.0%)	(24.8%)	(44.1%)	(46.2%)	(48.5%)	(48.5%)
41	Rate M9	(2.3%)	51.1%	67.2%	79.0%	5.2%	18.6%	(1.6%)	(1.6%)
42	Rate T1 - Firm	(14.2%)	15.2%	24.7%	(3.0%)	3.4%	3.6%	1.6%	1.6%
43	Rate T1 - IT	(79.9%)	(92.5%)	(87.4%)	(92.5%)	(92.7%)	(92.1%)	(92.5%)	(92.5%)
44	Rate T2 - Firm	8.5%	10.3%	50.6%	7.5%	15.4%	17.6%	13.2%	13.2%
45	Rate T2 - IT	(57.0%)	(92.8%)	(87.1%)	(92.8%)	(93.0%)	(92.2%)	(92.8%)	(92.8%)
46	Rate T3	2.2%	7.1%	52.9%	14.3%	16.9%	20.5%	8.2%	8.2%

Notes:

(1) There are no Rate 100 direct purchase customers in the East service area

Summary of Rate Zone Alternatives - Revenue by Rate Class - Panhandle/St. Clair
Total Revenue

								Impact of Splitting Panhandle/St. Clair (1)					
Line No.	Particulars (\$000s)	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(j)	(k)
<u>EGD Rate Zone</u>													
<u>East Service Area</u>													
1	Rate 1	308,659	316,187	315,201	338,189	357,959	347,608	0%	0%	0%	0%	0%	0%
2	Rate 6	117,748	127,968	128,023	157,053	162,827	164,201	0%	0%	0%	0%	0%	0%
3	Rate 100	2,163	2,348	2,390	2,455	2,490	2,407	0%	2%	2%	0%	0%	0%
4	Rate 110	12,910	12,733	13,395	18,978	18,976	19,435	0%	3%	3%	0%	0%	0%
5	Rate 115	-	-	-	-	-	-	0%	0%	0%	0%	0%	0%
6	Rate 125	-	-	-	-	-	-	0%	0%	0%	0%	0%	0%
7	Rate 135	617	401	382	679	612	685	0%	(0%)	(0%)	0%	0%	0%
8	Rate 145	108	71	74	149	139	160	0%	0%	0%	0%	0%	0%
9	Rate 170	677	780	831	2,017	1,851	2,164	0%	0%	0%	0%	0%	0%
10	Rate 200	27,374	29,480	27,344	34,292	32,260	33,057	0%	0%	(1%)	0%	0%	0%
11	Total East Service Area	470,256	489,970	487,641	553,812	577,113	569,717	0%	0%	0%	0%	0%	0%
<u>Central Service Area</u>													
12	Rate 1	1,619,519	1,650,966	1,645,534	1,619,983	1,593,232	1,616,054	0%	0%	0%	0%	0%	0%
13	Rate 6	824,822	822,551	822,924	784,518	773,449	783,192	0%	0%	0%	0%	0%	0%
14	Rate 100	1,968	2,628	2,692	2,591	2,444	2,420	0%	4%	5%	5%	0%	0%
15	Rate 110	58,158	57,939	61,347	53,604	50,849	51,905	0%	4%	4%	5%	0%	0%
16	Rate 115	10,935	11,444	12,929	9,193	8,699	9,775	0%	4%	4%	5%	0%	0%
17	Rate 125	14,338	13,568	13,568	13,834	12,732	13,603	0%	(2%)	(1%)	0%	0%	(1%)
18	Rate 135	3,541	2,362	2,263	2,106	2,052	2,051	0%	(0%)	(0%)	0%	0%	0%
19	Rate 145	1,008	668	687	619	616	612	0%	0%	0%	(0%)	0%	0%
20	Rate 170	5,357	5,179	5,586	4,066	3,887	4,269	0%	0%	(0%)	(0%)	0%	0%
21	Total Central Service Area	2,539,646	2,567,304	2,567,529	2,490,513	2,447,962	2,483,883	0%	0%	0%	0%	0%	0%
22	Total EGD Rate Zone	3,009,902	3,057,274	3,055,170	3,044,326	3,025,074	3,053,599	0%	0%	0%	0%	0%	0%
<u>Union North Rate Zone</u>													
<u>North Service Area</u>													
23	Rate 01 - NE	188,901	147,892	147,456	161,635	170,308	154,197	0%	0%	0%	0%	0%	0%
24	Rate 10 - NE	26,647	20,826	20,893	27,724	28,400	23,858	0%	0%	0%	0%	0%	0%
25	Rate 20 - NE	10,625	9,896	9,958	10,347	10,905	10,016	0%	1%	1%	(0%)	0%	(0%)
26	Rate 25 - NE	753	367	367	367	403	349	0%	0%	0%	0%	0%	0%
27	Rate 100 - NE	1,040	893	894	888	989	893	0%	0%	(1%)	(0%)	0%	(0%)
28	Rate 01 - NW	108,591	98,629	98,243	107,319	113,219	102,626	0%	0%	(0%)	0%	0%	0%
29	Rate 10 - NW	14,816	14,267	14,050	18,322	18,801	16,098	0%	0%	(2%)	0%	0%	0%
30	Rate 20 - NW	3,331	3,830	3,753	5,104	5,151	4,359	0%	2%	(4%)	0%	0%	(0%)
31	Rate 25 - NW	2,108	1,279	1,287	1,299	1,337	1,218	0%	0%	0%	0%	0%	0%
32	Rate 100 - NW	5,158	3,992	3,994	4,022	4,728	3,997	0%	(1%)	(1%)	(0%)	0%	(0%)
33	Total North Service Area	361,971	301,870	300,895	337,027	354,241	317,612	0%	0%	(0%)	0%	0%	0%

Summary of Rate Zone Alternatives - Revenue by Rate Class - Panhandle/St. Clair
Total Revenue

Line No.	Particulars (\$000s)	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Impact of Splitting Panhandle/St. Clair (1)					
								Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(j)	(k)
<u>East Service Area</u>													
34	Rate 01 - NE	132,568	111,263	110,975	120,155	127,202	123,587	0%	0%	0%	0%	0%	0%
35	Rate 10 - NE	26,078	19,054	19,121	26,132	26,683	27,898	0%	0%	0%	0%	0%	0%
36	Rate 20 - NE	14,123	11,312	11,635	14,723	16,241	14,948	0%	0%	1%	0%	0%	(0%)
37	Rate 25 - NE	640	1,179	1,179	1,178	1,373	1,181	0%	0%	0%	0%	0%	0%
38	Rate 100 - NE	2,226	1,934	1,936	1,922	2,143	1,934	0%	0%	(1%)	(0%)	0%	(0%)
39	Total East Service Area	175,634	144,742	144,847	164,110	173,642	169,548	0%	0%	0%	0%	0%	(0%)
40	Total Union North Rate Zone	537,605	446,612	445,741	501,137	527,883	487,160	0%	0%	0%	0%	0%	(0%)
<u>Union South Rate Zone</u>													
<u>South Service Area</u>													
41	Rate M1	1,139,854	1,166,844	1,163,457	1,142,359	1,125,033	1,148,103	0%	0%	0%	0%	0%	1%
42	Rate M2	205,658	217,004	217,718	204,320	201,403	204,364	1%	0%	0%	0%	0%	1%
43	Rate M4 - Firm	46,673	43,823	46,131	41,178	39,007	43,334	6%	4%	4%	5%	0%	9%
44	Rate M4 - IT	85	36	37	36	36	38	1%	0%	0%	(0%)	0%	(0%)
45	Rate M5 - Firm	434	394	410	375	354	402	3%	4%	5%	5%	0%	9%
46	Rate M5 - IT	1,860	1,720	1,798	1,513	1,486	1,476	1%	0%	0%	(0%)	0%	(0%)
47	Rate M7 - Firm	46,849	47,245	50,019	43,506	40,830	43,073	13%	5%	5%	6%	0%	10%
48	Rate M7 - IT & Seas	1,401	1,982	2,082	1,690	1,649	1,625	0%	0%	0%	(0%)	0%	(0%)
49	Rate M9	4,387	5,007	5,377	4,422	4,638	4,378	0%	0%	(1%)	0%	0%	0%
50	Rate T1 - Firm	12,297	12,105	12,105	12,386	13,950	12,146	6%	(22%)	(7%)	(11%)	0%	(11%)
51	Rate T1 - IT	167	62	62	61	67	62	0%	0%	0%	0%	0%	0%
52	Rate T2 - Firm	73,172	79,755	79,755	81,739	97,255	80,012	(18%)	(12%)	(10%)	(14%)	0%	(14%)
53	Rate T2 - IT	520	521	521	519	598	521	0%	0%	0%	0%	0%	0%
54	Rate T3	8,570	8,985	8,985	9,802	10,105	9,073	0%	0%	(6%)	0%	0%	0%
55	Total South Service Area	1,541,927	1,585,482	1,588,457	1,543,906	1,536,411	1,548,609	0%	(1%)	(0%)	(1%)	0%	0%
56	Total Union South Rate Zone	1,541,927	1,585,482	1,588,457	1,543,906	1,536,411	1,548,609	0%	(1%)	(0%)	(1%)	0%	0%
57	Total In-franchise	5,089,434	5,089,368	5,089,368	5,089,368	5,089,368	5,089,368	0%	0%	0%	0%	0%	0%

Note:

(1) Percentage change based on columns (a) to (f) relative to Attachment 1, pages 4-5, columns (b) to (h), respectively.

Summary of Rate Zone Alternatives - Revenue by Rate Class - Panhandle/St. Clair
Delivery Revenue

Line No.	Particulars (\$000s)	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Impact of Splitting Panhandle/St. Clair (1)					
								Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(j)	(k)
<u>EGD Rate Zone</u>													
<u>East Service Area</u>													
1	Rate 1	184,227	189,660	189,702	184,904	202,660	182,842	0%	0%	0%	0%	0%	0%
2	Rate 6	51,634	61,799	61,811	58,179	64,147	55,658	0%	1%	0%	(0%)	0%	0%
3	Rate 100	497	683	681	601	680	578	0%	7%	7%	0%	0%	0%
4	Rate 110	5,772	6,413	6,381	5,241	5,953	5,087	0%	7%	7%	0%	0%	0%
5	Rate 115	-	-	-	-	-	-	0%	0%	0%	0%	0%	0%
6	Rate 125	-	-	-	-	-	-	0%	0%	0%	0%	0%	0%
7	Rate 135	442	228	229	212	220	222	0%	(1%)	0%	1%	0%	0%
8	Rate 145	78	52	52	47	48	49	0%	0%	0%	1%	0%	0%
9	Rate 170	214	480	478	410	431	427	0%	0%	0%	1%	0%	0%
10	Rate 200	4,466	4,298	4,260	3,496	3,824	3,284	0%	0%	(4%)	(0%)	0%	0%
11	Total East Service Area	247,331	263,613	263,595	253,089	277,963	248,147	0%	0%	0%	0%	0%	0%
<u>Central Service Area</u>													
12	Rate 1	933,878	953,713	953,943	958,666	934,054	961,804	0%	0%	0%	0%	0%	0%
13	Rate 6	353,374	352,643	352,731	355,920	348,171	358,626	0%	1%	0%	1%	0%	0%
14	Rate 100	1,098	1,846	1,843	1,889	1,738	1,715	0%	7%	7%	7%	0%	0%
15	Rate 110	32,194	36,846	36,682	37,784	34,810	35,240	0%	7%	7%	7%	0%	0%
16	Rate 115	5,523	6,822	6,752	7,021	6,440	7,112	0%	7%	7%	8%	0%	0%
17	Rate 125	13,694	12,896	12,895	13,162	12,077	12,930	0%	(2%)	(2%)	0%	0%	(1%)
18	Rate 135	2,441	1,266	1,271	1,299	1,318	1,254	0%	(1%)	0%	0%	0%	0%
19	Rate 145	756	472	471	475	484	458	0%	0%	0%	(0%)	0%	0%
20	Rate 170	901	1,996	1,980	2,055	2,105	2,000	0%	0%	0%	(0%)	0%	0%
21	Total Central Service Area	1,343,858	1,368,500	1,368,569	1,378,273	1,341,195	1,381,140	0%	1%	0%	1%	0%	(0%)
22	Total EGD Rate Zone	1,591,189	1,632,113	1,632,164	1,631,362	1,619,158	1,629,287	0%	1%	0%	1%	0%	0%
<u>Union North Rate Zone</u>													
<u>North Service Area</u>													
23	Rate 01 - NE	101,479	80,391	80,412	77,941	85,694	79,438	0%	0%	0%	0%	0%	0%
24	Rate 10 - NE	10,781	8,973	8,975	8,288	9,058	9,145	0%	1%	0%	(0%)	0%	0%
25	Rate 20 - NE	7,021	6,755	6,744	6,503	7,125	6,506	0%	1%	2%	(0%)	0%	0%
26	Rate 25 - NE	664	292	292	290	328	274	0%	0%	0%	0%	0%	0%
27	Rate 100 - NE	931	789	790	784	883	791	0%	0%	(1%)	(0%)	0%	0%
28	Rate 01 - NW	63,862	53,802	53,816	52,187	57,472	53,146	0%	0%	0%	0%	0%	0%
29	Rate 10 - NW	6,029	6,168	6,169	5,737	6,267	6,308	0%	1%	0%	(0%)	0%	0%
30	Rate 20 - NW	1,443	1,740	1,734	1,498	1,689	1,485	0%	4%	4%	(0%)	0%	0%
31	Rate 25 - NW	1,375	461	461	451	515	397	0%	0%	0%	0%	0%	0%
32	Rate 100 - NW	4,537	3,419	3,421	3,450	4,139	3,428	0%	(1%)	(1%)	(0%)	0%	(0%)
33	Total North Service Area	198,123	162,790	162,815	157,129	173,170	160,920	0%	0%	0%	(0%)	0%	(0%)

Summary of Rate Zone Alternatives - Revenue by Rate Class - Panhandle/St. Clair
Delivery Revenue

Line No.	Particulars (\$000s)	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Impact of Splitting Panhandle/St. Clair (1)					
								Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(j)	(k)
<u>East Service Area</u>													
34	Rate 01 - NE	74,898	66,663	66,677	64,850	71,285	64,004	0%	0%	0%	0%	0%	0%
35	Rate 10 - NE	10,420	7,429	7,431	6,781	7,423	6,363	0%	1%	0%	(0%)	0%	0%
36	Rate 20 - NE	10,444	9,152	9,138	8,715	10,543	8,582	0%	0%	1%	0%	0%	(0%)
37	Rate 25 - NE	581	1,130	1,130	1,128	1,323	1,131	0%	0%	0%	0%	0%	0%
38	Rate 100 - NE	2,003	1,731	1,734	1,720	1,936	1,736	0%	0%	(1%)	(0%)	0%	0%
39	Total East Service Area	98,346	86,104	86,109	83,194	92,512	81,816	0%	0%	0%	0%	0%	(0%)
40	Total Union North Rate Zone	296,469	248,894	248,924	240,323	265,682	242,736	0%	0%	0%	(0%)	0%	(0%)
<u>Union South Rate Zone</u>													
<u>South Service Area</u>													
41	Rate M1	637,817	650,268	650,430	653,767	638,225	653,293	1%	0%	0%	0%	0%	1%
42	Rate M2	90,682	89,516	89,539	90,490	88,659	90,687	3%	1%	0%	1%	0%	2%
43	Rate M4 - Firm	35,029	28,347	28,238	29,115	26,797	31,678	8%	7%	7%	7%	0%	13%
44	Rate M4 - IT	81	34	34	34	35	38	1%	0%	0%	(0%)	0%	(0%)
45	Rate M5 - Firm	378	298	297	306	283	337	4%	6%	6%	7%	0%	12%
46	Rate M5 - IT	1,456	990	987	1,003	1,019	1,083	1%	0%	0%	(0%)	0%	(0%)
47	Rate M7 - Firm	38,334	33,924	33,793	34,551	31,690	34,814	18%	7%	7%	8%	0%	13%
48	Rate M7 - IT & Seas	911	1,024	1,020	1,043	1,063	1,144	0%	0%	0%	(0%)	0%	(0%)
49	Rate M9	1,606	1,687	1,669	1,772	1,804	1,633	0%	0%	(4%)	0%	0%	0%
50	Rate T1 - Firm	11,279	10,865	10,865	11,164	12,031	10,905	7%	(24%)	(9%)	(12%)	0%	(13%)
51	Rate T1 - IT	121	22	22	22	18	22	0%	0%	0%	0%	0%	0%
52	Rate T2 - Firm	61,714	68,607	68,607	70,810	79,451	68,849	(22%)	(15%)	(12%)	(17%)	0%	(17%)
53	Rate T2 - IT	470	468	468	468	428	469	0%	0%	0%	0%	0%	0%
54	Rate T3	7,386	7,801	7,801	8,629	8,516	7,885	0%	0%	(7%)	0%	0%	0%
55	Total South Service Area	887,265	893,851	893,770	903,173	890,018	902,835	0%	(1%)	(1%)	(1%)	0%	0%
56	Total Union South Rate Zone	887,265	893,851	893,770	903,173	890,018	902,835	0%	(1%)	(1%)	(1%)	0%	0%
57	Total In-franchise	2,774,922	2,774,858	2,774,858	2,774,858	2,774,858	2,774,858	0%	0%	0%	0%	0%	0%

Note:

(1) Percentage change based on columns (a) to (f) relative to Attachment 1, pages 6-7, columns (b) to (h), respectively.

Summary of Rate Zone Alternatives - Revenue by Rate Class - Panhandle/St. Clair
Gas Cost Revenue

Line No.	Particulars (\$000s)	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Impact of Splitting Panhandle/St. Clair (1)					
								Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(j)	(k)
<u>EGD Rate Zone</u>													
<u>East Service Area</u>													
1	Rate 1	124,431	126,527	125,499	153,285	155,298	164,766	0%	(0%)	(0%)	0%	0%	0%
2	Rate 6	66,114	66,170	66,211	98,874	98,680	108,544	0%	(0%)	(0%)	0%	0%	0%
3	Rate 100	1,665	1,666	1,709	1,854	1,810	1,829	0%	(0%)	0%	0%	0%	0%
4	Rate 110	7,138	6,320	7,014	13,737	13,023	14,348	0%	(0%)	0%	0%	0%	0%
5	Rate 115	-	-	-	-	-	-	0%	0%	0%	0%	0%	0%
6	Rate 125	-	-	-	-	-	-	0%	0%	0%	0%	0%	0%
7	Rate 135	176	173	153	467	391	463	0%	0%	(0%)	0%	0%	0%
8	Rate 145	30	19	23	102	91	111	0%	0%	(0%)	0%	0%	0%
9	Rate 170	462	300	353	1,607	1,420	1,737	0%	0%	(0%)	0%	0%	0%
10	Rate 200	22,908	25,182	23,084	30,796	28,437	29,773	0%	0%	(0%)	0%	0%	0%
11	Total East Service Area	222,925	226,357	224,046	300,723	299,150	321,570	0%	(0%)	(0%)	0%	0%	0%
<u>Central Service Area</u>													
12	Rate 1	685,641	697,254	691,591	661,316	659,179	654,250	0%	(0%)	(0%)	(0%)	0%	0%
13	Rate 6	471,448	469,908	470,194	428,598	425,279	424,567	0%	(0%)	(0%)	(0%)	0%	0%
14	Rate 100	871	781	849	702	707	704	0%	(0%)	0%	(1%)	0%	0%
15	Rate 110	25,964	21,092	24,665	15,820	16,039	16,665	0%	(0%)	(0%)	(0%)	0%	0%
16	Rate 115	5,413	4,622	6,177	2,172	2,258	2,664	0%	(0%)	1%	(1%)	0%	0%
17	Rate 125	644	672	672	672	655	673	(0%)	0%	0%	0%	0%	0%
18	Rate 135	1,100	1,096	992	807	735	797	0%	0%	(0%)	0%	0%	0%
19	Rate 145	253	196	216	143	133	154	0%	0%	(0%)	0%	0%	0%
20	Rate 170	4,456	3,183	3,606	2,010	1,783	2,269	0%	0%	(0%)	0%	0%	0%
21	Total Central Service Area	1,195,788	1,198,804	1,198,961	1,112,241	1,106,766	1,102,743	0%	(0%)	(0%)	(0%)	0%	0%
22	Total EGD Rate Zone	1,418,713	1,425,161	1,423,006	1,412,964	1,405,916	1,424,312	0%	(0%)	(0%)	(0%)	0%	0%
<u>Union North Rate Zone</u>													
<u>North Service Area</u>													
23	Rate 01 - NE	87,422	67,501	67,045	83,695	84,614	74,759	0%	(0%)	0%	0%	0%	0%
24	Rate 10 - NE	15,867	11,852	11,918	19,436	19,342	14,712	0%	(0%)	0%	0%	0%	0%
25	Rate 20 - NE	3,604	3,141	3,214	3,844	3,780	3,509	0%	(0%)	0%	(0%)	0%	(0%)
26	Rate 25 - NE	89	75	75	77	75	75	(0%)	0%	(0%)	0%	0%	0%
27	Rate 100 - NE	108	104	104	104	106	102	0%	0%	0%	(0%)	0%	(2%)
28	Rate 01 - NW	44,729	44,827	44,427	55,131	55,747	49,480	0%	(0%)	(0%)	0%	0%	0%
29	Rate 10 - NW	8,787	8,099	7,880	12,585	12,533	9,790	0%	(0%)	(3%)	0%	0%	0%
30	Rate 20 - NW	1,888	2,090	2,019	3,606	3,462	2,873	0%	(0%)	(9%)	0%	0%	(0%)
31	Rate 25 - NW	732	818	825	848	822	822	(0%)	0%	(0%)	0%	0%	0%
32	Rate 100 - NW	622	572	572	572	589	569	0%	0%	0%	(0%)	0%	(1%)
33	Total North Service Area	163,848	139,080	138,080	179,898	181,071	156,691	0%	(0%)	(0%)	0%	0%	0%

Summary of Rate Zone Alternatives - Revenue by Rate Class - Panhandle/St. Clair
Gas Cost Revenue

Line No.	Particulars (\$000s)	Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution	Impact of Splitting Panhandle/St. Clair (1)					
								Current Rate Zones	One Rate Zone - Proposed	One Rate Zone - As Filed in Phase 1	Two Rate Zones - One Rate Zone Distribution	Two Rate Zones	Four Rate Zones - One Rate Zone Distribution
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(j)	(k)
<u>East Service Area</u>													
34	Rate 01 - NE	57,671	44,600	44,298	55,305	55,916	59,582	0%	(0%)	0%	0%	0%	0%
35	Rate 10 - NE	15,658	11,625	11,690	19,351	19,259	21,535	0%	(0%)	0%	0%	0%	0%
36	Rate 20 - NE	3,678	2,161	2,496	6,008	5,698	6,367	0%	(0%)	0%	0%	0%	(0%)
37	Rate 25 - NE	58	49	49	50	49	50	(0%)	0%	(0%)	0%	0%	0%
38	Rate 100 - NE	223	203	203	202	207	198	0%	0%	0%	(0%)	0%	(2%)
39	Total East Service Area	77,289	58,638	58,737	80,916	81,130	87,732	0%	(0%)	0%	0%	0%	(0%)
40	Total Union North Rate Zone	241,136	197,717	196,817	260,814	262,201	244,424	0%	(0%)	(0%)	0%	0%	0%
<u>Union South Rate Zone</u>													
<u>South Service Area</u>													
41	Rate M1	502,037	516,576	513,027	488,592	486,808	494,810	(0%)	(0%)	0%	(0%)	0%	(0%)
42	Rate M2	114,976	127,488	128,179	113,829	112,744	113,677	(0%)	(0%)	0%	(0%)	0%	(0%)
43	Rate M4 - Firm	11,645	15,477	17,893	12,063	12,210	11,656	(1%)	(0%)	0%	(0%)	0%	(1%)
44	Rate M4 - IT	4	2	2	1	1	1	0%	0%	(0%)	(0%)	0%	(0%)
45	Rate M5 - Firm	56	95	113	70	71	66	(2%)	(0%)	0%	(1%)	0%	(1%)
46	Rate M5 - IT	404	730	811	511	468	393	0%	0%	(0%)	0%	0%	0%
47	Rate M7 - Firm	8,515	13,321	16,226	8,955	9,140	8,259	(2%)	(1%)	0%	(1%)	0%	(2%)
48	Rate M7 - IT & Seas	490	958	1,062	647	586	481	0%	0%	(0%)	0%	0%	0%
49	Rate M9	2,781	3,320	3,709	2,649	2,834	2,745	0%	0%	(0%)	0%	0%	0%
50	Rate T1 - Firm	1,017	1,240	1,240	1,222	1,919	1,241	(2%)	3%	5%	3%	0%	3%
51	Rate T1 - IT	45	41	41	39	49	41	0%	0%	0%	0%	0%	0%
52	Rate T2 - Firm	11,458	11,147	11,147	10,929	17,804	11,163	5%	4%	7%	4%	0%	4%
53	Rate T2 - IT	50	52	52	50	170	52	0%	0%	0%	0%	0%	0%
54	Rate T3	1,183	1,184	1,184	1,173	1,590	1,189	0%	0%	(3%)	0%	0%	0%
55	Total South Service Area	654,662	691,631	694,686	640,733	646,393	645,774	0%	0%	0%	0%	0%	0%
56	Total Union South Rate Zone	654,662	691,631	694,686	640,733	646,393	645,774	0%	0%	0%	0%	0%	0%
57	Total In-franchise	2,314,512	2,314,510	2,314,510	2,314,511	2,314,510	2,314,511	0%	0%	0%	0%	0%	0%

Note:

(1) Percentage change based on columns (a) to (f) relative to Attachment 1, page 8-9, columns (b) to (h), respectively.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question 1:

We would like to see undertaking JT 2.8 updated for the correction in the one zone as proposed E20 block rate structure that EGI described in response to ADR-5 Question 2.

In providing the update to JT 2.8 we would like confirmation that there are no costs to the customer that is taking semi-unbundled service under E20 that are missing from the analysis because they are costs that the customer bears directly. In other words, we would like confirmation that the total bill showing for E10 service is equivalent to the total bill showing for E20; there are no costs directly incurred by E20 customers as a result of becoming semi-unbundled that are missing from the analysis because EGI is not the entity that is charging for those costs under E20, even those the costs are included in the E10 bill. Right now, for example, we read the analysis as indicating that a small M7 greenhouse customer that switches from E10 to E20 under the four zone proposal (and, I assume, the 3 zone alternative) will save around \$74,000 a year. If that is not true because there are offsetting costs they will incur as a result of becoming semi-unbundled and taking service under E20 (that presumably EGI was incurring on their behalf and recovering from them in rates under E10) we would like to know that. If there is something missing we would like it added to the analysis.

Response:

Please see Attachment 1.

Enbridge Gas confirms that the total bill showing for Rate E10 service is equivalent to the total bill showing for Rate E20. There are no additional costs from Enbridge Gas for a customer to switch from firm bundled service under Rate E10 to semi-unbundled service under Rate E20. As described at Exhibit I.8.2-OGVG-13 part b), semi-unbundled customers are required to be direct purchase and manage variances between their DCQ and consumption using their allocation of storage space and injection/withdrawal rights. Semi-unbundled DP customers are required to nominate

their DCQ and any balancing transactions that they want to use to proactively manage their storage balance.

Question 2:

Please provide details on how splitting the Panhandle and St. Clair systems for the purpose of cost allocation would impact greenhouses. Exhibit 7, Tab 0, Schedule 1, Attachment 5 provides information on how the split impacts the revenue recovered from each rate class under each of the rate scenarios; can you provide more detail for the one rate zone as proposed as well as the four rate zone alternative.

Ideally EGI would provide, for the scenarios where the Panhandle and St. Clair system costs are split for the purpose of cost allocation,

- a) an updated Exhibit 8.2.9 attachments 1, 2 and 10,
- b) an updated Exhibit 8.2.14 attachments 1, 2 and 10,
- c) an updated response to IRR Exhibit I.8.2-OGVG-14 table 1,
- d) a new table similar to IRR Exhibit I.8.2-OGVG-14 table 1 but using the four zone alternative,
- e) an updated JT 2.8 that shows the impact of moving from E10 to E20 for the smallest, median, and largest M7 Greenhouses for the one zone as proposed and four zone alternatives assuming split Panhandle and St. Clair system costs.

Response:

- a) Please see Attachments 2, 3 and 4 for versions of Phase 3 Exhibit 8, Tab 2, Schedule 9, Attachments 1, 2 and 10, respectively, adjusted to split the Panhandle and St. Clair System for cost allocation purposes.
- b) Please see Attachments 5, 6 and 7 for versions of Phase 3 Exhibit 8, Tab 2, Schedule 14, Attachments 1, 2 and 10, respectively, adjusted to split the Panhandle and St. Clair System for cost allocation purposes.
- c) Please see Table 1 for an update to Exhibit I.8.2-OGVG-14 Table 1 with the corrected Rate E20 unit rates described in the response to IADR-5. Please see

Table 2 for a version of the same table including the Panhandle and St. Clair transmission systems split.

Table 1
Firm Greenhouse Bill Impacts
One Rate Zone - Proposed

Line No.	Particulars (1)	CD (m ³ /d) (a)	Annual Volume (m ³) (b)	Total Bill Impact (2) (%) (c)	Direct Purchase Bill Impact (2) (%) (d)
<u>EGD Rate Zone</u>					
1	Rate 100	10,000	1,369,074	(3.2%)	(40.6%)
2	Rate 110 - Smallest	2,875	558,836	3.0%	(36.6%)
3	Rate 110 - Median	11,000	1,820,680	6.3%	(32.6%)
4	Rate 110 - Largest	60,000	9,232,373	2.5%	10.9%
5	Rate 115	16,450	4,807,484	4.6%	27.4%
<u>Union South Rate Zone</u>					
6	Rate M4 - Smallest	3,775	707,927	(4.2%)	(13.3%)
7	Rate M4 - Median	19,800	2,880,030	0.0%	0.1%
8	Rate M4 - Largest	53,400	8,627,017	(0.8%)	(3.3%)
9	Rate M5 - Smallest	700	102,204	(7.0%)	(20.2%)
10	Rate M5 - Median	2,600	303,744	(9.9%)	(7.5%)
11	Rate M5 - Largest	16,192	2,152,253	(1.7%)	(5.1%)
12	Rate M7 - Smallest	60,000	11,486,789	8.0%	50.2%
13	Rate M7 - Median	74,424	12,847,667	7.7%	45.1%
14	Rate M7 - Largest	210,485	24,553,946	6.8%	29.9%
15	Rate T1 - Smallest	23,900	5,029,086	0.2%	1.1%
16	Rate T1 - Median	79,000	11,809,962	(0.9%)	(5.1%)
17	Rate T1 - Largest	140,870	12,410,896	(1.7%)	(6.5%)

Notes:

- (1) Bill impacts for smallest, median, and largest customers based on firm service only for each rate class.
- (2) Bill impacts exclude the impacts of Rider R.

Table 2
Firm Greenhouse Bill Impacts
One Rate Zone - Proposed with Panhandle/St. Clair Split

Line No.	Particulars (1)	CD (m ³ /d) (a)	Annual Volume (m ³) (b)	Total Bill Impact (2) (%) (c)	Direct Purchase Bill Impact (2) (%) (d)
<u>EGD Rate Zone</u>					
1	Rate 100	10,000	1,369,074	(1.6%)	(37.6%)
2	Rate 110 - Smallest	2,875	558,836	4.3%	(33.9%)
3	Rate 110 - Median	11,000	1,820,680	7.8%	(29.2%)
4	Rate 110 - Largest	60,000	9,232,373	3.8%	16.4%
5	Rate 115	16,450	4,807,484	5.5%	33.1%
<u>Union South Rate Zone</u>					
6	Rate M4 - Smallest	3,775	707,927	(3.0%)	(9.5%)
7	Rate M4 - Median	19,800	2,880,030	1.6%	5.4%
8	Rate M4 - Largest	53,400	8,627,017	0.4%	1.5%
9	Rate M5 - Smallest	700	102,204	(6.9%)	(19.8%)
10	Rate M5 - Median	2,600	303,744	(8.3%)	(3.4%)
11	Rate M5 - Largest	16,192	2,152,253	(0.0%)	(0.1%)
12	Rate M7 - Smallest	60,000	11,486,789	9.1%	57.4%
13	Rate M7 - Median	74,424	12,847,667	9.0%	52.1%
14	Rate M7 - Largest	210,485	24,553,946	8.3%	36.7%
15	Rate T1 - Smallest	23,900	5,029,086	(2.1%)	(11.5%)
16	Rate T1 - Median	79,000	11,809,962	(3.5%)	(18.6%)
17	Rate T1 - Largest	140,870	12,410,896	(5.3%)	(20.5%)

Notes:

- (1) Bill impacts for smallest, median, and largest customers based on firm service only for each rate class.
- (2) Bill impacts exclude the impacts of Rider R.

- d) Please see Table 3 and Table 4 for versions of Exhibit I.8.2-OGVG-14 Table 1 based on the Four Rate Zones alternative and Four Rate Zones alternative including the Panhandle and St. Clair transmission systems split, respectively.

Table 3
Firm Greenhouse Bill Impacts
Four Rate Zones - One Distribution

Line No.	Particulars (1)	CD (m ³ /d) (a)	Annual Volume (m ³) (b)	Total Bill Impact (2) (%) (c)	Direct Purchase Bill Impact (2) (%) (d)
<u>EGD Rate Zone</u>					
1	Rate 100	10,000	1,369,074	(0.4%)	(1.5%)
2	Rate 110 - Smallest	2,875	558,836	7.2%	13.6%
3	Rate 110 - Median	11,000	1,820,680	10.2%	20.9%
4	Rate 110 - Largest	60,000	9,232,373	1.3%	5.6%
5	Rate 115	16,450	4,807,484	1.0%	5.9%
<u>Union South Rate Zone</u>					
6	Rate M4 - Smallest	3,775	707,927	(6.3%)	(19.8%)
7	Rate M4 - Median	19,800	2,880,030	(1.6%)	(5.4%)
8	Rate M4 - Largest	53,400	8,627,017	(4.9%)	(19.2%)
9	Rate M5 - Smallest	700	102,204	(10.3%)	(29.7%)
10	Rate M5 - Median	2,600	303,744	(5.9%)	(10.0%)
11	Rate M5 - Largest	16,192	2,152,253	(3.1%)	(9.4%)
12	Rate M7 - Smallest	60,000	11,486,789	3.4%	21.1%
13	Rate M7 - Median	74,424	12,847,667	2.9%	17.0%
14	Rate M7 - Largest	210,485	24,553,946	1.2%	5.4%
15	Rate T1 - Smallest	23,900	5,029,086	0.2%	1.0%
16	Rate T1 - Median	79,000	11,809,962	(0.9%)	(5.0%)
17	Rate T1 - Largest	140,870	12,410,896	(1.6%)	(6.3%)

Notes:

- (1) Bill impacts for smallest, median, and largest customers based on firm service only for each rate class.
- (2) Bill impacts exclude the impacts of Rider R.

Table 4
Firm Greenhouse Bill Impacts
Four Rate Zones - One Distribution with Panhandle/St. Clair Split

Line No.	Particulars (1)	CD (m ³ /d) (a)	Annual Volume (m ³) (b)	Total Bill Impact (2) (%) (c)	Direct Purchase Bill Impact (2) (%) (d)
<u>EGD Rate Zone</u>					
1	Rate 100	10,000	1,369,074	(0.4%)	(1.5%)
2	Rate 110 - Smallest	2,875	558,836	7.2%	13.6%
3	Rate 110 - Median	11,000	1,820,680	10.2%	20.9%
4	Rate 110 - Largest	60,000	9,232,373	1.3%	5.6%
5	Rate 115	16,450	4,807,484	1.0%	5.9%
<u>Union South Rate Zone</u>					
6	Rate M4 - Smallest	3,775	707,927	(3.8%)	(11.9%)
7	Rate M4 - Median	19,800	2,880,030	1.6%	5.5%
8	Rate M4 - Largest	53,400	8,627,017	(2.6%)	(10.2%)
9	Rate M5 - Smallest	700	102,204	(9.7%)	(28.0%)
10	Rate M5 - Median	2,600	303,744	(2.7%)	(1.5%)
11	Rate M5 - Largest	16,192	2,152,253	0.3%	1.0%
12	Rate M7 - Smallest	60,000	11,486,789	5.5%	34.4%
13	Rate M7 - Median	74,424	12,847,667	5.1%	29.9%
14	Rate M7 - Largest	210,485	24,553,946	4.0%	17.4%
15	Rate T1 - Smallest	23,900	5,029,086	(2.1%)	(11.2%)
16	Rate T1 - Median	79,000	11,809,962	(3.4%)	(18.2%)
17	Rate T1 - Largest	140,870	12,410,896	(5.2%)	(20.1%)

Notes:

- (1) Bill impacts for smallest, median, and largest customers based on firm service only for each rate class.
- (2) Bill impacts exclude the impacts of Rider R.

e) Please see Attachment 8.

Question 3:

At the technical conference EGI was asked about any issues around customers moving from the E10 class to the E20 class where they have executed multiyear contracts for distribution service under their existing rate class, usually in connection with leave to construct projects as an alternative to CIACs. Please confirm that customers with multi year contracts can move between the new rate classes without having to change the remaining term on their contracts; for example, a current M7 customer with 6 years remaining on their contract would simply transfer their remaining 6 year commitment to the new E20 contract if moving from E10 to E20. If not confirmed, please provide an explanation as to why a change in the contract is necessary and an assessment of what changes EGI may propose are necessary based on the number of multiyear contracts outstanding.

Response:

Enbridge Gas supports customer choice in service switching but maintains that such switches should not allow a customer to avoid costs properly allocated to the customer through the initial project feasibility. The feasibility analysis for customer driven projects is conducted in accordance with the EBO-188 economic evaluation framework, requiring a profitability index (PI) of 1, which can be achieved through multi-year distribution contracts, CIAC, or combination thereof. Switching to the harmonized rate classes at the time of implementation, for example from bundled Rate M7 to bundled Rate E10, would not require a change to contract term. However, if a customer requests a change to their existing service outside of the initial mapping, for example to harmonized semi-unbundled Rate E20 from a bundled service, this would require a case-by-case review and may require a new economic evaluation and an associated contract adjustment.

Bill Impact Comparison for Rate E10 and Rate E20 - One Rate Zone - Proposed (updated)

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$) (e) = (c - a)	Total Bill Impact (%) (f) = (e / a)
			Total Bill (\$)	Unit Rate (1) (cents/m³)	Total Bill (\$)	Unit Rate (1) (2) (cents/m³)		
			(a)	(b)	(c)	(d)		
<u>Small M7 Greenhouse - Rate E10 to Rate E20</u>								
Demand 60,000 m³ Annual Volume 11,486,789 m³								
Delivery Charges								
1	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
2	Monthly Demand Charge							
Rate E10								
3	First 20,000 m³	20,000	142,013	59.1720				
4	All over 20,000 m³	40,000	193,215	40.2532				
Rate E20								
5	First 30,000 m³	30,000			151,798	42.1662		
6	Next 120,000 m³	30,000			100,298	27.8605		
7	All over 150,000 m³	-			-	22.9300		
8	Total Demand Charge	60,000	335,228		252,096		(83,132)	(24.8%)
9	Delivery Commodity Charge	11,486,789	31,069	0.2705	-	-	(31,069)	
10	Transportation Fuel Ratio				12,353	0.754%	12,353	
11	Facility Carbon Charge	11,486,789	1,643	0.0143	1,643	0.0143	-	
12	Total Delivery Charges		373,940		302,091		(71,848)	(19.2%)
Storage								
13	Space Demand (\$/GJ)	18,448			3,309	0.015	3,309	
14	Firm Injection/Withdrawal Right (\$/GJ) (3)	553			17,090	2.573	17,090	
15	Injection/Withdrawal Commodity (\$/GJ)	36,896			-	-	-	
16	Storage Fuel Ratio				1,076	0.799%	1,076	
17	Storage Total		-		21,476		21,476	100.0%
18	Gas Supply Transportation	11,486,789	92,795	0.8078			(92,795)	
19	Gas Supply Commodity	11,486,789	1,654,311	14.4019	1,654,311	14.4019	-	
20	Total Bill - Bundled Direct Purchase (4)		2,121,046		1,977,878		(143,168)	(6.7%)
21	Bundled Direct Purchase Impact		466,735		323,567		(143,168)	(30.7%)

Bill Impact Comparison for Rate E10 and Rate E20 - One Rate Zone - Proposed (updated)								
Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$) (e) = (c - a)	Total Bill Impact (%) (f) = (e / a)
			Total Bill (\$) (a)	Unit Rate (1) (cents/m³) (b)	Total Bill (\$) (c)	Unit Rate (1) (2) (cents/m³) (d)		
	<u>Median M7 Greenhouse - Rate E10 to Rate E20</u>							
	Demand 74,424 m³ Annual Volume 12,847,667 m³							
	Delivery Charges							
22	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
23	Monthly Demand Charge							
	Rate E10							
24	First 20,000 m³	20,000	142,013	59.1720				
25	All over 20,000 m³	54,424	262,889	40.2532				
	Rate E20							
26	First 30,000 m³	30,000			151,798	42.1662		
27	Next 120,000 m³	44,424			148,521	27.8605		
28	All over 150,000 m³	-			-	22.9300		
29	Total Demand Charge	74,424	404,902		300,319		(104,582)	(25.8%)
30	Delivery Commodity Charge	12,847,667	34,750	0.2705	-	-	(34,750)	
31	Transportation Fuel Ratio				13,816	0.754%	13,816	
32	Facility Carbon Charge	12,847,667	1,837	0.0143	1,837	0.0143	-	
33	Total Delivery Charges		447,488		351,973		(95,516)	(21.3%)
	Storage							
34	Space Demand (\$/GJ)	20,634			3,701	0.015	3,701	
35	Firm Injection/Withdrawal Right (\$/GJ) (3)	619			19,115	2.573	19,115	
36	Injection/Withdrawal Commodity (\$/GJ)	41,267			-	-	-	
37	Storage Fuel Ratio				1,204	0.799%	1,204	
38	Storage Total		-		24,020		24,020	100.0%
39	Gas Supply Transportation	12,847,667	103,789	0.8078			(103,789)	
40	Gas Supply Commodity	12,847,667	1,850,303	14.4019	1,850,303	14.4019	-	
41	Total Bill - Bundled Direct Purchase (4)		2,401,580		2,202,275		(199,305)	(8.3%)
42	Bundled Direct Purchase Impact		551,277		351,973		(199,305)	(36.2%)

Bill Impact Comparison for Rate E10 and Rate E20 - One Rate Zone - Proposed (updated)

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$) (e) = (c - a)	Total Bill Impact (%) (f) = (e / a)
			Total Bill (\$)	Unit Rate (1) (cents/m³)	Total Bill (\$)	Unit Rate (1) (2) (cents/m³)		
			(a)	(b)	(c)	(d)		
<u>Large M7 Greenhouse - Rate E10 to Rate E20</u>								
Demand 210,485 m³ Annual Volume 24,553,946 m³								
Delivery Charges								
43	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
44	Monthly Demand Charge							
Rate E10								
45	First 20,000 m³	20,000	142,013	59.1720				
46	All over 20,000 m³	190,485	920,115	40.2532				
Rate E20								
47	First 30,000 m³	30,000			151,798	42.1662		
48	Next 120,000 m³	120,000			401,191	27.8605		
49	All over 150,000 m³	60,485			166,430	22.9300		
50	Total Demand Charge	210,485	1,062,128		719,420		(342,708)	(32.3%)
51	Delivery Commodity Charge	24,553,946	66,412	0.2705	-	-	(66,412)	
52	Transportation Fuel Ratio				26,405	0.754%	26,405	
53	Facility Carbon Charge	24,553,946	3,511	0.0143	3,511	0.0143	-	
54	Total Delivery Charges		1,138,051		785,336		(352,716)	(31.0%)
Storage								
55	Space Demand (\$/GJ)	39,434			7,074	0.015	7,074	
56	Firm Injection/Withdrawal Right (\$/GJ) (3)	1,183			36,532	2.573	36,532	
57	Injection/Withdrawal Commodity (\$/GJ)	78,869			-	-	-	
58	Storage Fuel Ratio				2,301	0.799%	2,301	
59	Storage Total		-		45,906		45,906	100.0%
60	Gas Supply Transportation	24,553,946	198,357	0.8078			(198,357)	
61	Gas Supply Commodity	24,553,946	3,536,224	14.4019	3,536,224	14.4019	-	
62	Total Bill - Bundled Direct Purchase (4)		4,872,633		4,321,560		(551,073)	(11.3%)
63	Bundled Direct Purchase Impact		1,336,409		785,336		(551,073)	(41.2%)

Notes:

- (1) Phase 3 Exhibit 8, Tab 2, Schedule 9, Attachment 2, column (h). Rate E20 transportation demand rates updated for correct blocking.
- (2) Assuming Rate E20 South service area customer and therefore excludes central transportation charge as proposed for Rate E20.
- (3) Firm injection/withdrawal rights utility provides deliverability inventory.
- (4) Total bill impact calculations for direct purchase customers include an assumed gas supply commodity charge.

Summary of Proposed Revenue Change by Rate Class
Total Revenue

Line No.	Particulars	Revenue Before Recovery		Proposed Revenue Requirement			Revenue After Recovery				
		Current Approved Revenue (1) (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Allocated Cost (\$000s)	Panhandle/ St. Clair Reallocation (\$000s)	Proposed Revenue Requirement (\$000s)	S&T Margin (\$000s)	Rate Design Adjustments (\$000s)	Proposed Revenue (\$000s)	Revenue-to-Cost Ratio	Revenue Change (%)
		(a)	(b) = (a - e)	(c)	(d)	(e) = (c + d)	(f)	(g)	(h) = (e + f + g)	(i) = (h / e)	(j) = (h - a) / (a)
<u>In-franchise</u>											
1	Rate E01	3,492,379	26,761	3,463,955	1,663	3,465,618	(9,575)	4,099	3,460,142	0.998	(1%)
2	Rate E02	1,227,459	(29,791)	1,256,502	748	1,257,250	(6,886)	2,945	1,253,310	0.997	2%
3	Rate E10	167,443	(20,420)	188,082	(220)	187,863	(1,237)	1,312	187,938	1.000	12%
4	Rate E20	70,375	3,304	68,534	(1,463)	67,071	(609)	-	66,462	0.991	(6%)
5	Rate E22	22,727	10,483	12,244	-	12,244	-	(169)	12,076	0.986	(47%)
6	Rate E24	58,362	10,765	48,365	(769)	47,597	(377)	(108)	47,112	0.990	(19%)
7	Rate E30	8,683	(1,087)	9,767	3	9,770	(2)	1,268	11,035	1.130	27%
8	Rate E34	3,064	(1,189)	4,252	2	4,253	(2)	(1,030)	3,221	0.757	5%
9	Rate E38	4,353	(7)	4,359	-	4,359	(34)	276	4,601	1.055	6%
10	Rate E62	33,816	(9,461)	43,241	36	43,277	(197)	(8,593)	34,487	0.797	2%
11	Rate E64	8,386	(882)	9,267	-	9,267	(282)	-	8,985	0.970	7%
12	Total In-franchise	5,097,046	(11,524)	5,108,570	-	5,108,570	(19,201)	-	5,089,369	0.996	(0%)
<u>Ex-franchise</u>											
13	Rate E60	543	230	314	-	314	25	-	339	1.081	(38%)
14	Rate E70	158,474	23,473	135,000	-	135,000	13,660	-	148,661	1.101	(6%)
15	Rate E72	603	309	295	-	295	352	-	646	2.194	7%
16	Rate E80	424	346	78	-	78	707	-	785	10.040	85%
17	Rate E82	3,561	3,561	-	-	-	3,561	-	3,561	-	0%
18	Total Ex-franchise	163,605	27,918	135,687	-	135,687	18,305	-	153,992	1.135	(6%)
19	Non-Utility Cross Charge	1,209	1,209	-	-	-	896	-	896	-	(26%)
20	Total Enbridge Gas	5,261,860	17,603	5,244,257	-	5,244,257	-	-	5,244,257	1.000	(0%)

Notes:

(1) Current approved revenue at July 2024 QRAM rates applied to the 2024 Test Year billing unit forecast for each harmonized rate class.

Summary of Proposed Revenue Change by Rate Class
Delivery Revenue

Line No.	Particulars	Revenue Before Recovery		Proposed Revenue Requirement			Revenue After Recovery				
		Current Approved Revenue (1) (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Allocated Cost (\$000s)	Panhandle/ St. Clair Reallocation (\$000s)	Proposed Revenue Requirement (\$000s)	S&T Margin (\$000s)	Rate Design Adjustments (\$000s)	Proposed Revenue (\$000s)	Revenue-to-Cost Ratio	Revenue Change (%)
		(a)	(b) = (a - e)	(c)	(d)	(e) = (c + d)	(f)	(g)	(h) = (e + f + g)	(i) = (h / e)	(j) = (h - a) / (a)
<u>In-franchise</u>											
1	Rate E01	1,983,656	(31,261)	2,013,254	1,663	2,014,917	(9,575)	(260)	2,005,082	0.995	1%
2	Rate E02	489,222	(33,793)	522,267	748	523,015	(6,886)	(187)	515,943	0.986	5%
3	Rate E10	115,107	(6,210)	121,536	(220)	121,317	(1,237)	(83)	119,997	0.989	4%
4	Rate E20	67,425	9,587	59,302	(1,463)	57,839	(609)	-	57,230	0.989	(15%)
5	Rate E22	22,676	11,333	11,343	-	11,343	-	(169)	11,175	0.985	(51%)
6	Rate E24	56,923	13,471	44,221	(769)	43,452	(377)	(108)	42,968	0.989	(25%)
7	Rate E30	8,825	4,744	4,078	3	4,081	(2)	1,042	5,121	1.255	(42%)
8	Rate E34	2,231	(442)	2,672	2	2,674	(2)	(1,057)	1,615	0.604	(28%)
9	Rate E38	2,687	986	1,701	-	1,701	(34)	276	1,943	1.142	(28%)
10	Rate E62	6,989	1,351	5,602	36	5,637	(197)	544	5,985	1.062	(14%)
11	Rate E64	8,098	16	8,083	-	8,083	(282)	-	7,801	0.965	(4%)
12	Total In-franchise	2,763,841	(30,219)	2,794,059	-	2,794,059	(19,201)	-	2,774,858	0.993	0%
<u>Ex-franchise</u>											
13	Rate E60	543	240	303	-	303	25	-	328	1.084	(40%)
14	Rate E70	142,270	27,559	114,711	-	114,711	13,660	-	128,372	1.119	(10%)
15	Rate E72	440	435	4	-	4	352	-	356	88.455	(19%)
16	Rate E80	386	384	2	-	2	707	-	708	400.285	84%
17	Rate E82	3,561	3,561	-	-	-	3,561	-	3,561	-	0%
18	Total Ex-franchise	147,200	32,180	115,020	-	115,020	18,305	-	133,325	1.159	(9%)
19	Non-Utility Cross Charge	1,209	1,209	-	-	-	896	-	896	-	(26%)
20	Total Enbridge Gas	2,912,249	3,170	2,909,079	-	2,909,079	-	-	2,909,079	1.000	(0%)

Notes:

(1) Current approved revenue at July 2024 QRAM rates applied to the 2024 Test Year billing unit forecast for each harmonized rate class.

Summary of Proposed Revenue Change by Rate Class
Gas Supply Revenue

Line No.	Particulars	Revenue Before Recovery		Proposed Revenue Requirement			Revenue After Recovery				
		Current Approved Revenue (1) (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Allocated Cost (\$000s)	Panhandle/ St. Clair Reallocation (\$000s)	Proposed Revenue Requirement (\$000s)	S&T Margin (\$000s)	Rate Design Adjustments (\$000s)	Proposed Revenue (\$000s)	Revenue-to-Cost Ratio	Revenue Change (%)
		(a)	(b) = (a - e)	(c)	(d)	(e) = (c + d)	(f)	(g)	(h) = (e + f + g)	(i) = (h / e)	(j) = (h - a) / (a)
<u>In-franchise</u>											
1	Rate E01	1,508,723	58,022	1,450,701	-	1,450,701	-	4,359	1,455,060	1.003	(4%)
2	Rate E02	738,237	4,002	734,235	-	734,235	-	3,132	737,367	1.004	(0%)
3	Rate E10	52,336	(14,210)	66,546	-	66,546	-	1,395	67,941	1.021	30%
4	Rate E20	2,949	(6,283)	9,232	-	9,232	-	-	9,232	1.000	213%
5	Rate E22	51	(850)	901	-	901	-	-	901	1.000	1673%
6	Rate E24	1,439	(2,705)	4,144	-	4,144	-	-	4,144	1.000	188%
7	Rate E30	(143)	(5,831)	5,689	-	5,689	-	226	5,915	1.040	100%
8	Rate E34	833	(747)	1,580	-	1,580	-	26	1,606	1.017	93%
9	Rate E38	1,666	(993)	2,659	-	2,659	-	-	2,659	1.000	60%
10	Rate E62	26,827	(10,812)	37,639	-	37,639	-	(9,137)	28,502	0.757	6%
11	Rate E64	287	(897)	1,184	-	1,184	-	-	1,184	1.000	312%
12	Total In-franchise	2,333,206	18,695	2,314,511	-	2,314,511	-	-	2,314,511	1.000	(1%)
<u>Ex-franchise</u>											
13	Rate E60	-	(11)	11	-	11	-	-	11	1.000	-
14	Rate E70	16,203	(4,086)	20,289	-	20,289	-	-	20,289	1.000	25%
15	Rate E72	164	(127)	291	-	291	-	-	291	1.000	77%
16	Rate E80	38	(38)	76	-	76	-	-	76	1.000	99%
17	Rate E82	-	-	-	-	-	-	-	-	-	-
18	Total Ex-franchise	16,405	(4,262)	20,667	-	20,667	-	-	20,667	1.000	26%
19	Non-Utility Cross Charge	-	-	-	-	-	-	-	-	-	-
20	Total Enbridge Gas	2,349,611	14,433	2,335,178	-	2,335,178	-	-	2,335,178	1.000	(1%)

Notes:

(1) Current approved revenue at July 2024 QRAM rates applied to the 2024 Test Year billing unit forecast for each harmonized rate class.

Derivation of Proposed Rates and Revenue by Rate Class												
In-franchise												
Current Approved						Proposed 2024						
Line No.	Particulars	Billing Units	2024 Forecast Usage	Revenue (\$000s)	Rates (cents/m³)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (1) (\$000s)	Rates (cents/m³)	Revenue-to-Cost Ratios	Rate Change (%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
Rate E20												
Transportation												
30	Monthly Customer Charge	bills	960				5,702	(2,822)	2,880	\$3,000.00	0.505	
31	Transportation Commodity	10³m³	3,996,534				-	-	-	-	-	
32	Customer Supplied Fuel - Transportation	%					4,312	-	4,312	0.754%	1.000	
Transportation Demand Charge - Firm												
33	up to 30,000 m³	10³m³/d	26,927				9,535	(97)	9,437	35.0478		
34	next 120,000 m³	10³m³/d	50,942				12,082	(193)	11,890	23.3397		
35	over 150,000 m³	10³m³/d	136,172				26,809	(522)	26,287	19.3044		
36	Transportation Demand Charge - Firm		214,042				48,427	(812)	47,615	22.2454	0.983	
37	Transportation Demand Charge - IT	10³m³/d	34,997				334	-	334	0.9546		
38	Pre-authorized Interruptible	10³m³	13,096				-	4	4	0.0314		
39	Central Transportation Charge	10³m³	-				-	-	-	0.6475		
40	Total Transportation		4,009,630				58,775	(3,630)	55,145	1.3753	0.938	
Storage												
41	Space Demand	GJ/d/mth	102,195,366				1,519	8	1,527	0.015		
Firm Injection/Withdrawal Right												
42	Union provides deliverability inventory	GJ/d/mth	2,690,346				4,557	2,367	6,924	2.573		
43	Customer provides deliverability inventory	GJ/d/mth	910,476				1,542	639	2,181	2.395		
44	Firm incremental injection	GJ/d/mth	12,000				20	8	29	2.395		
45	Injection/Withdrawal Commodity (Customer Provides)	GJ	22,553,385				-	-	-	-		
46	Customer Supplied Fuel - Storage	%					658	-	658	0.799%	1.000	
47	Total Storage		4,009,630				8,296	3,021	11,318	0.2823	1.364	
48	Total Rate E20		4,009,630	70,375	1.7551	3,304	67,071	(609)	66,462	1.6576	0.991	(6%)
Rate E22 - Unbundled												
49	Monthly Customer Charge	bills	588				1,742	(860)	882	\$1,500.00	0.506	
50	Transportation Commodity	10³m³	981,552				656	-	656	0.0668	1.000	
Transportation Demand Charge - Firm												
51	up to 30,000 m³	10³m³/d	13,313				3,203	242	3,445	25.8797		
52	over 30,000 m³	10³m³/d	49,393				6,046	449	6,495	13.1491		
53	Transportation Demand Charge - Firm		62,706				9,249	691	9,940	15.8519	1.075	
54	Transportation Demand Charge - IT	10³m³/d	67,936				597	-	597	0.8794	1.000	
55	Pre-authorized Interruptible	10³m³	-				-	-	-	0.0958		
56	South Transportation Demand	10³m³/d	-				-	-	-	6.2363		
57	South Transportation - Customer Supplied Fuel	%	-				-	-	-	0.285%		
58	Total Rate E22		981,552	22,727	2.3154	10,483	12,244	(169)	12,076	1.2303	0.986	(47%)
Rate E24												
59	Monthly Customer Charge	bills	168				2,332	-	2,332	\$13,878.48	1.000	
60	Transportation Commodity	10³m³	3,262,003				173	-	173	0.0053	1.000	
61	Customer Supplied Fuel - Transportation	%					1,667		1,667	0.425%	1.000	
62	Transportation Demand Charge - Firm	10³m³/d	294,856				34,096	(485)	33,611	11.3990	0.986	
63	Transportation Demand Charge - IT	10³m³/d	163,657				1,190	-	1,190	0.7270	1.000	
64	Pre-authorized Interruptible	10³m³	-				-	-	-	0.0292		
65	South Transportation Demand	10³m³/d	121,211				7,559	-	7,559	6.2363	1.000	
66	South Transportation - Customer Supplied Fuel	%	1,427,303				581	-	581	0.285%	1.000	
67	Total Rate E24		3,262,003	58,362	1.7891	10,765	47,597	(485)	47,112	1.4443	0.990	(19%)

Derivation of Proposed Rates and Revenue by Rate Class												
In-franchise												
Current Approved						Proposed 2024						
Line No.	Particulars	Billing Units	2024 Forecast Usage	Revenue (\$000s)	Rates (cents/m³)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (1) (\$000s)	Rates (cents/m³)	Revenue-to-Cost Ratios	Rate Change (%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
Rate E30												
68	Monthly Customer Charge	bills	624				1,879	(1,567)	312	\$500.00	0.166	
69	Delivery Commodity	10³m³	474,030				790	-	790	0.1666	1.000	
70	Delivery Demand Charge - IT	10³m³/d	60,959				2,315	2,632	4,947	8.1158	2.137	
71	Delivery Demand Charge - Firm	10³m³/d	17				23	(12)	11	63.9178	0.476	
72	Pre-authorized Interruptible	10³m³	-				-	-	-	2.2355		
73	Total Delivery		474,030				5,007	1,053	6,060	1.2784	1.210	
Gas Supply Transportation Charge												
72	Transportation	10³m³	474,030				2,819	213	3,032	0.6396		
74	Transportation - Western	10³m³	-				-	-	-	3.2315		
75	Gas Supply Transportation Charge		474,030				2,819	213	3,032	0.6396	1.075	
76	Gas Supply Commodity Charge	10³m³	13,497				1,944	-	1,944	14.4019	1.000	
77	Total Rate E30		474,030	8,683	1.8317	(1,087)	9,770	1,265	11,036	2.3280	1.130	27%
Rate E34												
78	Monthly Customer Charge	bills	492				1,339	(1,093)	246	\$500.00	0.184	
79	Delivery Commodity	10³m³	54,821				90	-	90	0.1639	1.000	
80	Delivery Demand	10³m³/d	12,006				1,352	36	1,388	11.5604	1.026	
81	Total Delivery		54,821				2,781	(1,057)	1,724	3.1444	0.620	
Gas Supply Transportation Charge												
81	Transportation	10³m³	54,821				527	25	552	1.0061		
82	Transportation - Western	10³m³	-				-	-	-	3.5980		
83	Gas Supply Transportation Charge		54,821				527	25	552	1.0061	1.047	
84	Gas Supply Commodity Charge	10³m³	6,566				946	-	946	14.4019	1.000	
85	Total Rate E34		54,821	3,064	5.5896	(1,189)	4,253	(1,033)	3,221	5.8754	0.757	5%
Rate E38												
Storage												
86	Space Demand	GJ/d/mth	41,011,680				623	(11)	613	0.015		
Firm Injection/Withdrawal Right												
87	Union provides deliverability inventory	GJ/d/mth	523,392				1,254	93	1,347	2.573		
88	Customer provides deliverability inventory	GJ/d/mth	-				-	-	-	2.395		
89	Firm incremental injection	GJ/d/mth	-				-	-	-	2.395		
90	Injection/Withdrawal Commodity (Customer Provides)	GJ	12,157,001				-	-	-	-		
91	Customer Supplied Fuel - Storage	%					355	-	355	0.799%		
Transportation Demand												
92	Transportation Demand	GJ/d/mth	141,504				2,105	159	2,264	16.000		
93	Transportation Commodity	GJ	522,359				24	-	24	0.045		
94	Total Rate E38		12,157,001	4,353	0.358	(7)	4,360	242	4,602	0.379	1.056	6%

Derivation of Proposed Rates and Revenue by Rate Class												
In-franchise												

Notes:
(1) OGVG - Sept 10 - Attachment 2, column (h).

Derivation of Proposed Rates and Revenue by Rate Class												
Ex-franchise												
Line No.	Particulars	Billing Units	Current Approved			Proposed 2024						
			2024 Forecast Usage	Revenue (\$000s)	Rates (\$/GJ)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (1) (\$000s)	Rates (\$/GJ)	Revenue-to-Cost Ratios	Rate Change (%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f)	(g)	(h)	(i) = (g/e)	(j) = (h - c) / (c)
1	Rate E60											
	Monthly Fixed Charge	bills	12				-	25	25	\$2,112.14		
	Demand:											
2	Transportation	GJ/d/mth	8,863				314	-	314	2.951	1.000	
3	Total Rate E60		8,863	543	6.131	230	314	25	339	3.827	1.081	(38%)
	Rate E70											
	Demand:											
	Firm Transportation - Easterly Dawn Parkway											
4	Dawn to Parkway	GJ/d/mth	1,867,861				84,664	(11,427)	73,238	3.267	0.865	
5	- F24-T	GJ/d/mth	451,429				276	-	276	0.051	1.000	
6	Dawn to Kirkwall	GJ/d/mth	49,500				1,565	(213)	1,352	2.276	0.864	
7	- F24-T	GJ/d/mth	49,500				30	-	30	0.051	1.000	
8	Kirkwall to Parkway	GJ/d/mth	383,739				7,026	(836)	6,190	1.344	0.881	
9	Dawn to Owen Sound Line	GJ/d/mth	8,863				215	-	215	2.024	1.000	
	Firm Transportation - Westerly Dawn Parkway											
10	Parkway to Dawn/Kirkwall	GJ/d/mth	1,047,191				-	11,249	11,249	0.895		
11	Kirkwall to Dawn	GJ/d/mth	63,329				-	974	974	1.282		
12	E70-X (between Dawn, Kirkwall and Parkway)	GJ/d/mth	54,513				2,471	252	2,723	4.163	1.102	
	Firm Transportation - Other Paths											
13	To Dawn from St.Clair, Bluewater, and Ojibway	GJ/d/mth	36,927				-	509	509	1.149		
14	From Dawn to St.Clair, Bluewater, and Ojibway	GJ/d/mth	-				-	-	-	4.193		
15	Parkway to Albion King's North	GJ/d/mth	1,210,000				18,380	-	18,380	1.266	1.000	
16	Dawn to Dawn-Vector	GJ/d/mth	203,626				-	34	34	0.014		
17	- F24-T	GJ/d/mth	110,781				68	-	68	0.051	1.000	
18	Dawn to Dawn-TCPL	GJ/d/mth	500,000				-	141	141	0.021		
19	Short-term Transportation	GJ	45,665,000				17	12,797	12,814	-	759.654	
20	Corunna (ANR) to Dawn	GJ/d/mth	91,095				-	179	179	0.164		
21	Total Demand		51,793,354	142,270	0.275	27,559	114,711	13,660	128,372	0.248	1.119	(10%)
	Commodity											
22	Easterly - Providing Own Fuel	GJ	402,163,120				14,280	(0)	14,280	-	1.000	
23	Westerly - Providing Own Fuel	GJ	222,367,416				3,993	(0)	3,993	-	1.000	
24	Short-term Transportation - Utility Providing Fuel	GJ					2,016	(0)	2,016	-	1.000	
25	Total Commodity		624,530,536	16,203	0.003	(4,086)	20,289	(0)	20,289	0.003	1.000	25%
26	Total Rate E70		676,323,890	158,474	0.023	23,473	135,000	13,660	148,661	0.022	1.101	(6%)

Detailed Current & Proposed Revenue Calculation by Rate Class
Ex-franchise

Line No.	Particulars	Billing Units	2024 Forecast Usage	Current Approved			Proposed 2024					
				Revenue (\$000s)	Rates (\$/GJ)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (\$000s)	Rates (\$/GJ)	Revenue-to-Cost Ratios	Rate Change (%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f)	(g)	(h)	(i) = (g/e)	(j) = (h - c) / (c)
<u>Rate E72</u>												
27	Monthly Fixed Charge	bills	24				-	40	40	\$1,669.38		
28	Transmission Commodity Charge	GJ	5,198,227				-	215	215	0.041		
29	Charges West of Dawn:											
30	Firm Demand Charge	GJ/d	7,333				4	97	101	1.149	25.134	
31	Utility Providing Fuel & UFG to Dawn	GJ	655,236				10	(0)	10	0.016	1.000	
32	Utility Providing Fuel & UFG to Pool	GJ	642,043				23	(0)	23	0.037	1.000	
33	Providing Own Fuel & UFG to Dawn	GJ	4,542,991				72	(0)	72	0.016	1.000	
34	Providing Own Fuel & UFG to Pool	GJ	5,048,909				184	(0)	184	0.037	1.000	
35	Charges East of Dawn:											
36	Firm Demand Charge	GJ/d	-				-	-	-	1.016		
37	Fuel & UFG to Dawn	GJ	-				-	-	-	0.016		
38	Fuel & UFG to Pool	GJ	-				-	-	-	0.016		
39	Commodity Charge - To Dawn	GJ	-				-	-	-	-		
40	Commodity Charge - To Pool	GJ	-				-	-	-	-		
41	Total Rate E72		<u>10,889,179</u>	<u>603</u>	<u>0.006</u>	<u>309</u>	<u>295</u>	<u>352</u>	<u>646</u>	<u>0.006</u>	<u>2.194</u>	<u>7%</u>
<u>Rate E80</u>												
42	Monthly Fixed Charge - Producer Station	bills	792				2	308	310	\$390.88	198.116	
43	Monthly Fixed Charge - Producer RTU Station	bills	105				0	101	101	\$962.27	487.729	
44	RNG Sampling Charge	per use	8				-	100	100	\$12,900.00		
45	Transmission Commodity Charge	GJ	4,791,112				-	198	198	0.041		
46	Commodity - Providing Own Fuel	GJ	-				-	-	-	-		
47	Commodity - Utility Providing Fuel	GJ	4,791,112				76	(0)	76	0.016	1.000	
48	Total Rate E80		<u>9,582,224</u>	<u>424</u>	<u>0.004</u>	<u>346</u>	<u>78</u>	<u>707</u>	<u>785</u>	<u>0.008</u>	<u>10.040</u>	<u>85%</u>
<u>Rate E82</u>												
49	Service Fee		-					3,561	3,561			
50	Total Rate E82		<u>-</u>	<u>3,561</u>	<u>-</u>	<u>3,561</u>	<u>-</u>	<u>3,561</u>	<u>3,561</u>	<u>-</u>	<u>-</u>	<u>-</u>
51	Non-Utility Cross Charge		-	1,209		1,209		896	896			
52	Total Ex-franchise			<u>164,814</u>		<u>29,127</u>	<u>135,687</u>	<u>19,201</u>	<u>154,889</u>			
53	Total Enbridge Gas			<u>5,261,860</u>	<u>-</u>	<u>17,603</u>	<u>5,244,257</u>	<u>-</u>	<u>5,244,257</u>			

Notes:

(1) OGVG - Sept 10 - Attachment 2, column (h).

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate 1 to Rate E01</u>	Demand 24 m ³ Annual Volume 2,400 m ³						
1	Delivery Charges	552	22.9924	540	22.4908	(12)	(2.2%)	(2.2%)
2	Federal Carbon Charge	366	15.2500	366	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	117	4.8806	43	1.8032	(74)	(63.1%)	(63.1%)
4	Gas Supply Commodity	252	10.4826	346	14.4019	94	37.4%	37.4%
5	Total Bill - Sales Service	1,287	53.6056	1,295	53.9459	8	0.6%	0.9%
6	Total Bill - Bundled Direct Purchase WTS	1,381	57.5249	1,357	56.5378	(24)	(1.7%)	(2.3%)
7	Bundled Direct Purchase Impact WTS						(2.3%)	(3.5%)
8	Total Bill - Bundled Direct Purchase DTS	1,286	53.5843	1,295	53.9459	9	0.7%	0.9%
9	Bundled Direct Purchase Impact DTS						0.9%	1.5%
	<u>Large Rate 1 to Rate E01</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
10	Delivery Charges	821	16.2702	750	14.8590	(71)	(8.7%)	(8.7%)
11	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
12	Gas Supply Transportation	246	4.8806	91	1.8032	(155)	(63.1%)	(63.1%)
13	Gas Supply Commodity	529	10.4826	727	14.4019	198	37.4%	37.4%
14	Total Bill - Sales Service	2,367	46.8834	2,338	46.3141	(29)	(1.2%)	(1.8%)
15	Total Bill - Bundled Direct Purchase WTS	2,565	50.8027	2,469	48.9060	(96)	(3.7%)	(5.3%)
16	Bundled Direct Purchase Impact WTS						(5.2%)	(9.0%)
17	Total Bill - Bundled Direct Purchase DTS	2,366	46.8621	2,338	46.3141	(28)	(1.2%)	(1.7%)
18	Bundled Direct Purchase Impact DTS						(1.7%)	(3.2%)
	<u>Small Rate 6 to Rate E01</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
19	Delivery Charges	1,524	30.1901	750	14.8590	(774)	(50.8%)	(50.8%)
20	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
21	Gas Supply Transportation	246	4.8806	91	1.8000	(155)	(63.1%)	(63.1%)
22	Gas Supply Commodity	530	10.5065	727	14.4019	197	37.1%	37.1%
23	Total Bill - Sales Service	3,071	60.8272	2,338	46.3141	(733)	(23.9%)	(31.8%)
24	Total Bill - Bundled Direct Purchase WTS	3,267	64.7226	2,469	48.9060	(798)	(24.4%)	(32.0%)
25	Bundled Direct Purchase Impact WTS						(31.4%)	(45.1%)
26	Total Bill - Bundled Direct Purchase DTS	3,068	60.7820	2,338	46.3141	(730)	(23.8%)	(31.8%)
27	Bundled Direct Purchase Impact DTS						(31.2%)	(46.5%)
	<u>Average Rate 6 to Rate E02</u>	Demand 206 m ³ Annual Volume 22,606 m ³						
28	Delivery Charges	3,046	13.4745	2,023	8.9505	(1,023)	(33.6%)	(33.6%)
29	Federal Carbon Charge	3,447	15.2500	3,447	15.2500	-	0.0%	0.0%
30	Gas Supply Transportation	1,103	4.8806	368	1.6300	(736)	(66.7%)	(66.7%)
31	Gas Supply Commodity	2,375	10.5065	3,256	14.4019	881	37.1%	37.1%
32	Total Bill - Sales Service	9,972	44.1116	9,094	40.2283	(878)	(8.8%)	(13.5%)
33	Total Bill - Bundled Direct Purchase WTS	10,852	48.0069	9,680	191.7579	(1,173)	(10.8%)	(15.8%)
34	Bundled Direct Purchase Impact WTS						(15.4%)	(28.3%)
35	Total Bill - Bundled Direct Purchase DTS	9,962	44.0663	9,094	180.1508	(868)	(8.7%)	(13.3%)
36	Bundled Direct Purchase Impact DTS						(12.9%)	(26.6%)
	<u>Large Rate 6 to Rate E02</u>	Demand 3,097 m ³ Annual Volume 339,124 m ³						
37	Delivery Charges	23,794	7.0162	25,464	7.5089	1,671	7.0%	7.0%
38	Federal Carbon Charge	51,716	15.2500	51,716	15.2500	-	0.0%	0.0%
39	Gas Supply Transportation	16,551	4.8806	5,514	1.6259	(11,037)	(66.7%)	(66.7%)
40	Gas Supply Commodity	35,630	10.5065	48,840	14.4019	13,210	37.1%	37.1%
41	Total Bill - Sales Service	127,692	37.6533	131,535	38.7867	3,843	3.0%	5.1%
42	Total Bill - Bundled Direct Purchase WTS	140,902	41.5487	140,325	41.3786	(577)	(0.4%)	(0.6%)
43	Bundled Direct Purchase Impact WTS						(0.6%)	(1.4%)
44	Total Bill - Bundled Direct Purchase DTS	127,538	37.6081	131,535	38.7867	3,997	3.1%	5.3%
45	Bundled Direct Purchase Impact DTS						5.1%	14.8%
	<u>Small Rate 100 to Rate E10</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
46	Delivery Charges	25,578	7.5410	29,646	8.7401	4,067	15.9%	15.9%
47	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
48	Gas Supply Transportation	16,554	4.8806	2,740	0.8078	(13,814)	(83.4%)	(83.4%)
49	Gas Supply Commodity	35,637	10.5065	48,849	14.4019	13,213	37.1%	37.1%
50	Total Bill - Sales Service	129,495	38.1781	132,961	39.1999	3,466	2.7%	4.5%
51	Total Bill - Bundled Direct Purchase WTS	142,708	42.0734	141,753	41.7918	(955)	(0.7%)	(1.1%)
52	Bundled Direct Purchase Impact WTS						(1.0%)	(2.3%)
53	Total Bill - Bundled Direct Purchase DTS	129,342	38.1328	132,961	39.1999	3,619	2.8%	4.7%
54	Bundled Direct Purchase Impact DTS						4.5%	12.6%
	<u>Average Rate 100 to Rate E10</u>	Demand 15,000 m ³ Annual Volume 598,567 m ³						
55	Delivery Charges	91,322	15.2567	121,368	20.2764	30,046	32.9%	32.9%
56	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
57	Gas Supply Transportation	29,214	4.8806	4,835	0.8078	(24,378)	(83.4%)	(83.4%)
58	Gas Supply Commodity	62,888	10.5065	86,205	14.4019	23,316	37.1%	37.1%
59	Total Bill - Sales Service	274,705	45.8938	303,690	50.7361	28,984	10.6%	15.8%
60	Total Bill - Bundled Direct Purchase WTS	298,022	49.7892	319,204	53.3280	21,182	7.1%	10.2%
61	Bundled Direct Purchase Impact WTS						10.0%	17.6%
62	Total Bill - Bundled Direct Purchase DTS	274,435	45.8486	303,690	50.7361	29,255	10.7%	16.0%
63	Bundled Direct Purchase Impact DTS						15.5%	30.2%
	<u>Large Rate 100 to Rate E10</u>	Demand 30,000 m ³ Annual Volume 1,500,000 m ³						
64	Delivery Charges	189,323	12.6215	213,308	14.2205	23,985	12.7%	12.7%
65	Federal Carbon Charge	228,750	15.2500	228,750	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	73,209	4.8806	12,118	0.8078	(61,091)	(83.4%)	(83.4%)
67	Gas Supply Commodity	157,598	10.5065	216,028	14.4019	58,430	37.1%	37.1%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
68	Total Bill - Sales Service	648,879	43.2586	670,203	44.6802	21,324	3.3%	5.1%
69	Total Bill - Bundled Direct Purchase WTS	707,310	47.1540	709,082	47.2721	1,772	0.3%	0.4%
70	Bundled Direct Purchase Impact WTS						0.4%	0.7%
71	Total Bill - Bundled Direct Purchase DTS	648,201	43.2134	670,203	44.6802	22,002	3.4%	5.2%
72	Bundled Direct Purchase Impact DTS						5.1%	10.8%
	<u>Small Rate 110 to Rate E10</u>	Demand 3,292 m ³ Annual Volume 598,568 m ³						
73	Delivery Charges	25,839	4.3168	32,650	5.4547	6,811	26.4%	26.4%
74	Federal Carbon Charge	91,282	15.2500	91,282	15.2500	-	0.0%	0.0%
75	Gas Supply Transportation	29,214	4.8806	4,835	0.8078	(24,378)	(83.4%)	(83.4%)
76	Gas Supply Commodity	62,511	10.4435	86,205	14.4019	23,694	37.9%	37.9%
77	Total Bill - Sales Service	208,846	34.8909	214,972	35.9144	6,126	2.9%	5.2%
78	Total Bill - Bundled Direct Purchase WTS	232,539	38.8493	230,486	38.5063	(2,053)	(0.9%)	(1.5%)
79	Bundled Direct Purchase Impact WTS						(1.4%)	(3.7%)
80	Total Bill - Bundled Direct Purchase DTS	208,952	34.9087	214,972	35.9144	6,020	2.9%	5.1%
81	Bundled Direct Purchase Impact DTS						4.9%	19.1%
	<u>Average Rate 110 to Rate E10</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
82	Delivery Charges	248,847	2.4944	270,463	2.7111	21,616	8.7%	8.7%
83	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
84	Gas Supply Transportation	486,895	4.8806	80,591	0.8078	(406,303)	(83.4%)	(83.4%)
85	Gas Supply Commodity	1,041,856	10.4435	1,436,747	14.4019	394,891	37.9%	37.9%
86	Total Bill - Sales Service	3,298,956	33.0685	3,309,160	33.1708	10,204	0.3%	0.6%
87	Total Bill - Bundled Direct Purchase WTS	3,693,847	37.0269	3,567,731	35.7627	(126,116)	(3.4%)	(5.8%)
88	Bundled Direct Purchase Impact WTS						(5.6%)	(17.1%)
89	Total Bill - Bundled Direct Purchase DTS	3,300,728	33.0863	3,309,160	33.1708	8,432	0.3%	0.5%
90	Bundled Direct Purchase Impact DTS						0.5%	2.5%
	<u>Large Rate 110 to Rate E10</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
91	Delivery Charges	302,287	3.0301	360,345	3.6121	58,058	19.2%	19.2%
92	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
93	Gas Supply Transportation	486,895	4.8806	80,591	0.8078	(406,303)	(83.4%)	(83.4%)
94	Gas Supply Commodity	1,041,856	10.4435	1,436,748	14.4019	394,891	37.9%	37.9%
95	Total Bill - Sales Service	3,352,397	33.6042	3,399,043	34.0718	46,646	1.4%	2.5%
96	Total Bill - Bundled Direct Purchase WTS	3,747,288	37.5626	3,657,614	36.6637	(89,674)	(2.4%)	(4.0%)
97	Bundled Direct Purchase Impact WTS						(3.9%)	(11.4%)
98	Total Bill - Bundled Direct Purchase DTS	3,354,169	33.6220	3,399,043	34.0718	44,874	1.3%	2.4%
99	Bundled Direct Purchase Impact DTS						2.3%	11.3%
	<u>Small Rate 115 to Rate E10</u>	Demand 15,300 m ³ Annual Volume 4,471,609 m ³						
100	Delivery Charges	86,590	1.9364	134,670	3.0117	48,081	55.5%	55.5%
101	Federal Carbon Charge	681,920	15.2500	681,920	15.2500	-	0.0%	0.0%
102	Gas Supply Transportation	218,241	4.8806	36,124	0.8078	(182,118)	(83.4%)	(83.4%)
103	Gas Supply Commodity	466,992	10.4435	643,995	14.4019	177,003	37.9%	37.9%
104	Total Bill - Sales Service	1,453,744	32.5105	1,496,710	33.4714	42,965	3.0%	5.6%
105	Total Bill - Bundled Direct Purchase WTS	1,630,747	36.4689	1,612,609	36.0633	(18,137)	(1.1%)	(1.9%)
106	Bundled Direct Purchase Impact WTS						(1.8%)	(5.9%)
107	Total Bill - Bundled Direct Purchase DTS	1,454,539	32.5283	1,496,710	33.4714	42,171	2.9%	5.5%
108	Bundled Direct Purchase Impact DTS						5.2%	32.8%
	<u>Large Rate 115 to Rate E10</u>	Demand 238,928 m ³ Annual Volume 69,832,850 m ³						
109	Delivery Charges	1,168,703	1.6736	1,483,568	2.1245	314,864	26.9%	26.9%
110	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
111	Gas Supply Transportation	3,408,262	4.8806	564,140	0.8078	(2,844,122)	(83.4%)	(83.4%)
112	Gas Supply Commodity	7,292,994	10.4435	10,057,234	14.4019	2,764,240	37.9%	37.9%
113	Total Bill - Sales Service	22,519,468	32.2477	22,754,451	32.5842	234,983	1.0%	2.0%
114	Total Bill - Bundled Direct Purchase WTS	25,283,708	36.2060	24,564,452	35.1761	(719,256)	(2.8%)	(4.9%)
115	Bundled Direct Purchase Impact WTS						(4.7%)	(15.7%)
116	Total Bill - Bundled Direct Purchase DTS	22,531,875	32.2654	22,754,451	32.5842	222,576	1.0%	1.9%
117	Bundled Direct Purchase Impact DTS						1.8%	12.2%
	<u>Average Rate 125 to Rate E24</u>	Demand 2,315,000 m ³ Annual Volume 206,000,000 m ³						
118	Delivery Charges	3,558,585	1.7275	3,498,331	1.6982	(60,255)	(1.7%)	(1.7%)
119	Federal Carbon Charge	31,415,000	15.2500	31,415,000	15.2500	-	0.0%	0.0%
120	Gas Supply Commodity	21,513,610	10.4435	29,667,845	14.4019	8,154,235	37.9%	37.9%
121	Total Bill - Sales Service	56,487,195	27.4210	64,581,175	31.3501	8,093,980	14.3%	32.3%
122	Total Bill - Bundled Direct Purchase	64,641,430	31.3793	64,581,175	31.3501	(60,255)	(0.1%)	(0.2%)
123	Bundled Direct Purchase Impact						(0.2%)	(1.7%)
	<u>Average Rate 135 to Rate E34</u>	Demand 8,180 m ³ Annual Volume 598,567 m ³						
124	Delivery Charges	22,648	3.7837	14,198	2.3720	(8,450)	(37.3%)	(37.3%)
125	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
126	Gas Supply Transportation	24,171	4.0381	6,022	1.0061	(18,149)	(75.1%)	(75.1%)
127	Gas Supply Commodity	62,535	10.4475	86,205	14.4019	23,670	37.8%	37.8%
128	Total Bill - Sales Service	200,635	33.5193	197,706	33.0299	(2,929)	(1.5%)	(2.7%)
129	Total Bill - Bundled Direct Purchase WTS	224,305	37.4737	213,220	35.6218	(11,085)	(4.9%)	(8.3%)
130	Bundled Direct Purchase Impact WTS						(8.0%)	(23.7%)
131	Total Bill - Bundled Direct Purchase DTS	200,718	33.5331	197,706	33.0299	(3,012)	(1.5%)	(2.8%)
132	Bundled Direct Purchase Impact DTS						(2.6%)	(13.0%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
EGD Rate Zone

EB-2024-0166 - Current Approved (1)(2)				EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
Line		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
No.	Particulars	(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate 145 to Rate E30</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
133	Delivery Charges	15,264	4.5002	9,528	2.8092	(5,736)	(37.6%)	(37.6%)
134	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
135	Gas Supply Transportation	14,696	4.3327	2,169	0.6396	(12,526)	(85.2%)	(85.2%)
136	Gas Supply Commodity	35,437	10.4475	48,849	14.4019	13,413	37.8%	37.8%
137	Total Bill - Sales Service	117,123	34.5304	112,274	33.1007	(4,849)	(4.1%)	(7.4%)
138	Total Bill - Bundled Direct Purchase WTS	130,536	38.4847	121,065	35.6926	(9,471)	(7.3%)	(12.0%)
139	Bundled Direct Purchase Impact WTS						(11.6%)	(31.6%)
140	Total Bill - Bundled Direct Purchase DTS	117,170	34.5441	112,274	33.1007	(4,896)	(4.2%)	(7.5%)
141	Bundled Direct Purchase Impact DTS						(7.2%)	(29.5%)
	<u>Large Rate 145 to Rate E30</u>	Demand 4,489 m ³ Annual Volume 598,567 m ³						
142	Delivery Charges	24,781	4.1401	11,455	1.9137	(13,326)	(53.8%)	(53.8%)
143	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
144	Gas Supply Transportation	25,934	4.3327	3,828	0.6396	(22,105)	(85.2%)	(85.2%)
145	Gas Supply Commodity	62,535	10.4475	86,205	14.4019	23,670	37.8%	37.8%
146	Total Bill - Sales Service	204,532	34.1702	192,769	32.2052	(11,762)	(5.8%)	(10.4%)
147	Total Bill - Bundled Direct Purchase WTS	228,201	38.1246	208,284	34.7971	(19,917)	(8.7%)	(14.5%)
148	Bundled Direct Purchase Impact WTS						(14.0%)	(39.3%)
149	Total Bill - Bundled Direct Purchase DTS	204,614	34.1840	192,769	32.2052	(11,845)	(5.8%)	(10.5%)
150	Bundled Direct Purchase Impact DTS						(10.0%)	(43.7%)
	<u>Small Rate 170 to Rate E30</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
151	Delivery Charges	89,198	0.8941	59,510	0.5965	(29,688)	(33.3%)	(33.3%)
152	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
153	Gas Supply Transportation	366,634	3.6751	63,808	0.6396	(302,826)	(82.6%)	(82.6%)
154	Gas Supply Commodity	1,041,856	10.4435	1,436,747	14.4019	394,891	37.9%	37.9%
155	Total Bill - Sales Service	3,019,047	30.2627	3,081,424	30.8880	62,377	2.1%	4.2%
156	Total Bill - Bundled Direct Purchase WTS	3,413,938	34.2211	3,339,995	33.4799	(73,943)	(2.2%)	(3.9%)
157	Bundled Direct Purchase Impact WTS						(3.7%)	(16.2%)
158	Total Bill - Bundled Direct Purchase DTS	3,020,819	30.2805	3,081,424	30.8880	60,605	2.0%	4.0%
159	Bundled Direct Purchase Impact DTS						3.8%	96.6%
	<u>Average Rate 170 to Rate E30</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
160	Delivery Charges	98,868	0.9910	76,512	0.7670	(22,355)	(22.6%)	(22.6%)
161	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
162	Gas Supply Transportation	366,634	3.6751	63,808	0.6396	(302,826)	(82.6%)	(82.6%)
163	Gas Supply Commodity	1,041,856	10.4435	1,436,748	14.4019	394,891	37.9%	37.9%
164	Total Bill - Sales Service	3,028,717	30.3597	3,098,426	31.0584	69,710	2.3%	4.6%
165	Total Bill - Bundled Direct Purchase WTS	3,449,746	34.3180	3,356,998	33.6503	(92,748)	(1.9%)	(3.5%)
166	Bundled Direct Purchase Impact WTS						(3.4%)	(14.3%)
167	Total Bill - Bundled Direct Purchase DTS	3,154,749	30.3774	3,098,426	31.0584	67,937	2.2%	4.5%
168	Bundled Direct Purchase Impact DTS						4.3%	93.9%
	<u>Large Rate 170 to Rate E30</u>	Demand 255,089 m ³ Annual Volume 69,832,850 m ³						
169	Delivery Charges	601,902	0.8619	380,761	0.5452	(221,140)	(36.7%)	(36.7%)
170	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
171	Gas Supply Transportation	2,566,441	3.6751	446,657	0.6396	(2,119,784)	(82.6%)	(82.6%)
172	Gas Supply Commodity	7,292,994	10.4435	10,057,234	14.4019	2,764,240	37.9%	37.9%
173	Total Bill - Sales Service	21,110,846	30.2305	21,534,162	30.8367	423,316	2.0%	4.0%
174	Total Bill - Bundled Direct Purchase WTS	23,875,086	34.1889	23,344,163	33.4286	(530,923)	(2.2%)	(4.0%)
175	Bundled Direct Purchase Impact WTS						(3.8%)	(16.8%)
176	Total Bill - Bundled Direct Purchase DTS	21,123,253	30.2483	21,534,162	30.8367	410,909	1.9%	3.9%
177	Bundled Direct Purchase Impact DTS						3.7%	98.7%
	<u>Average Rate 200 to Rate E62 (3)</u>	Demand 1,252,000 m ³ Annual Volume 140,305,600 m ³						
178	Delivery Charges	6,325,521	4.5084	4,720,488	3.3644	(1,605,033)		(25.4%)
179	Gas Supply Transportation	6,587,243	4.6949	3,297,748	2.3504	(3,289,494)		(49.9%)
180	Gas Supply Commodity	14,652,675	10.4434	20,206,625	14.4019	5,553,950		37.9%
181	Total Bill - Sales Service	27,565,439	19.6467	28,224,861	20.1167	659,423		2.4%
182	Total Bill - Bundled Direct Purchase WTS	33,119,388	23.6052	31,861,450	22.7086	(1,257,939)		(3.8%)
183	Bundled Direct Purchase Impact WTS							(9.7%)
184	Total Bill - Bundled Direct Purchase DTS	27,590,506	19.6646	28,224,861	20.1167	634,355		2.3%
185	Bundled Direct Purchase Impact DTS							8.6%

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
<u>Small Rate 01 to Rate E01</u>		Demand 20 m ³ Annual Volume 2,200 m ³						
1	Delivery Charges	544	24.7128	507	23.0439	(37)	(6.8%)	(6.8%)
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	173	7.8681	40	1.8032	(133)	(77.1%)	(77.1%)
4	Gas Supply Commodity	355	16.1346	317	14.4019	(38)	(10.7%)	(10.7%)
5	Total Bill - Sales Service	1,407	63.9655	1,199	54.4990	(208)	(14.8%)	(19.4%)
6	Total Bill - Bundled Direct Purchase	1,369	62.2327	1,199	54.4990	(170)	(12.4%)	(16.5%)
7	Bundled Direct Purchase Impact						(16.2%)	(23.7%)
<u>Large Rate 01 to Rate E02</u>		Demand 365 m ³ Annual Volume 40,000 m ³						
8	Delivery Charges	4,148	10.3691	3,306	8.2644	(842)	(20.3%)	(20.3%)
9	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
10	Gas Supply Transportation	3,147	7.8681	650	1.6259	(2,497)	(79.3%)	(79.3%)
11	Gas Supply Commodity	6,454	16.1346	5,761	14.4019	(693)	(10.7%)	(10.7%)
12	Total Bill - Sales Service	19,849	49.6218	15,817	39.5422	(4,032)	(20.3%)	(29.3%)
13	Total Bill - Bundled Direct Purchase	19,156	47.8891	15,817	39.5422	(3,339)	(17.4%)	(25.6%)
14	Bundled Direct Purchase Impact						(24.9%)	(45.8%)
<u>Small Rate 10 to Rate E02</u>		Demand 548 m ³ Annual Volume 60,000 m ³						
15	Delivery Charges	5,865	9.7744	4,796	7.9935	(1,069)	(18.2%)	(18.2%)
16	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
17	Gas Supply Transportation	3,726	6.2100	976	1.6259	(2,750)	(73.8%)	(73.8%)
18	Gas Supply Commodity	9,681	16.1346	8,641	14.4019	(1,040)	(10.7%)	(10.7%)
19	Total Bill - Sales Service	28,421	47.3690	23,563	39.2713	(4,859)	(17.1%)	(25.2%)
20	Total Bill - Bundled Direct Purchase	27,382	45.6362	23,563	39.2713	(3,819)	(13.9%)	(20.9%)
21	Bundled Direct Purchase Impact						(20.4%)	(39.8%)
<u>Average Rate 10 to Rate E02</u>		Demand 850 m ³ Annual Volume 93,000 m ³						
22	Delivery Charges	8,330	8.9572	7,242	7.7870	(1,088)	(13.1%)	(13.1%)
23	Federal Carbon Charge	14,183	15.2500	14,183	15.2500	-	0.0%	0.0%
24	Gas Supply Transportation	5,775	6.2100	1,512	1.6259	(4,263)	(73.8%)	(73.8%)
25	Gas Supply Commodity	15,005	16.1346	13,394	14.4019	(1,611)	(10.7%)	(10.7%)
26	Total Bill - Sales Service	43,293	46.5518	36,330	39.0648	(6,963)	(16.1%)	(23.9%)
27	Total Bill - Bundled Direct Purchase	41,682	44.8190	36,330	39.0648	(5,351)	(12.8%)	(19.5%)
28	Bundled Direct Purchase Impact						(18.9%)	(37.9%)
<u>Large Rate 10 to Rate E02</u>		Demand 2,285 m ³ Annual Volume 250,000 m ³						
29	Delivery Charges	19,249	7.6998	18,878	7.5512	(371)	(1.9%)	(1.9%)
30	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%
31	Gas Supply Transportation	15,525	6.2100	4,065	1.6259	(11,460)	(73.8%)	(73.8%)
32	Gas Supply Commodity	40,337	16.1346	36,005	14.4019	(4,332)	(10.7%)	(10.7%)
33	Total Bill - Sales Service	113,236	45.2944	97,073	38.8290	(16,163)	(14.3%)	(21.5%)
34	Total Bill - Bundled Direct Purchase	108,904	43.5616	97,073	38.8290	(11,832)	(10.9%)	(16.7%)
35	Bundled Direct Purchase Impact						(16.2%)	(34.0%)
<u>Small Rate 20 to Rate E10</u>		Demand 14,000 m ³ Annual Volume 3,000,000 m ³						
36	Delivery Charges	94,661	3.1554	120,629	4.0210	25,968	27.4%	27.4%
37	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%
38	Gas Supply Transportation	67,878	2.2626	24,235	0.8078	(43,642)	(64.3%)	(64.3%)
39	Gas Supply Commodity	471,079	15.7026	432,056	14.4019	(39,023)	(8.3%)	(8.3%)
40	Total Bill - Sales Service	1,091,117	36.3706	1,034,420	34.4807	(56,697)	(5.2%)	(8.9%)
41	Total Bill - Bundled Direct Purchase	1,052,094	35.0698	1,034,420	34.4807	(17,674)	(1.7%)	(3.0%)
42	Bundled Direct Purchase Impact						(2.9%)	(10.9%)
<u>Large Rate 20 to Rate E10</u>		Demand 60,000 m ³ Annual Volume 15,000,000 m ³						
43	Delivery Charges	367,583	2.4506	406,207	2.7080	38,625	10.5%	10.5%
44	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%
45	Gas Supply Transportation	290,904	1.9394	121,177	0.8078	(169,728)	(58.3%)	(58.3%)
46	Gas Supply Commodity	2,355,394	15.7026	2,160,280	14.4019	(195,114)	(8.3%)	(8.3%)
47	Total Bill - Sales Service	5,301,381	35.3425	4,975,163	33.1678	(326,217)	(6.2%)	(10.8%)
48	Total Bill - Bundled Direct Purchase	5,106,267	34.0418	4,975,163	33.1678	(131,103)	(2.6%)	(4.7%)
49	Bundled Direct Purchase Impact						(4.5%)	(19.9%)
<u>Small Rate 20 to Rate E22</u>		Demand 14,000 m ³ Annual Volume 3,000,000 m ³						
50	Delivery Charges	94,661	3.1554	63,912	2.1304	(30,748)	(32.5%)	(32.5%)
51	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%
52	Gas Supply Transportation	67,878	2.2626	-	0.0000	(67,878)	(100.0%)	(100.0%)
53	Gas Supply Commodity	471,079	15.7026	432,056	14.4019	(39,023)	(8.3%)	(8.3%)
54	Total Bill - Sales Service	1,091,117	36.3706	953,468	31.7823	(137,649)	(12.6%)	(21.7%)
55	Total Bill - Bundled Direct Purchase	1,052,094	35.0698	953,468	31.7823	(98,626)	(9.4%)	(16.6%)
56	Bundled Direct Purchase Impact						(15.9%)	(60.7%)
<u>Large Rate 20 to Rate E22</u>		Demand 60,000 m ³ Annual Volume 15,000,000 m ³						
57	Delivery Charges	367,583	2.4506	170,676	1.1378	(196,907)	(53.6%)	(53.6%)
58	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%
59	Gas Supply Transportation	290,904	1.9394	-	0.0000	(290,904)	(100.0%)	(100.0%)
60	Gas Supply Commodity	2,355,394	15.7026	2,160,280	14.4019	(195,114)	(8.3%)	(8.3%)
61	Total Bill - Sales Service	5,301,381	35.3425	4,618,456	30.7897	(682,925)	(12.9%)	(22.7%)
62	Total Bill - Bundled Direct Purchase	5,106,267	34.0418	4,618,456	30.7897	(487,811)	(9.6%)	(17.3%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
63	Bundled Direct Purchase Impact						(16.6%)	(74.1%)
	<u>Average Rate 25 to Rate E30</u>	Demand 20,776 m ³ Annual Volume 2,275,000 m ³						
64	Delivery Charges	81,608	3.5871	30,350	1.3340	(51,258)	(62.8%)	(62.8%)
65	Federal Carbon Charge	346,938	15.2500	346,938	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	20,789	0.9138	14,551	0.6396	(6,238)	(30.0%)	(30.0%)
67	Gas Supply Commodity	218,557	9.6069	327,642	14.4019	109,085	49.9%	49.9%
68	Total Bill - Sales Service	667,891	29.3578	719,481	31.6255	51,590	7.7%	16.1%
69	Total Bill - Bundled Direct Purchase	776,976	34.1528	719,481	31.6255	(57,496)	(7.4%)	(13.4%)
70	Bundled Direct Purchase Impact						(12.8%)	(56.2%)
	<u>Small Rate 100 to Rate E22</u>	Demand 100,000 m ³ Annual Volume 27,000,000 m ³						
71	Delivery Charges	339,465	1.2573	243,529	0.9020	(95,936)	(28.3%)	(28.3%)
72	Federal Carbon Charge	4,117,500	15.2500	4,117,500	15.2500	-	0.0%	0.0%
73	Gas Supply Transportation	1,115,631	4.1320	-	0.0000	(1,115,631)	(100.0%)	(100.0%)
74	Gas Supply Commodity	4,239,709	15.7026	3,888,504	14.4019	(351,205)	(8.3%)	(8.3%)
75	Total Bill - Sales Service	9,812,306	36.3419	8,249,533	30.5538	(1,562,773)	(15.9%)	(27.4%)
76	Total Bill - Bundled Direct Purchase	9,461,101	35.0411	8,249,533	30.5538	(1,211,568)	(12.8%)	(22.7%)
77	Bundled Direct Purchase Impact						(2.2%)	(28.3%)
78	Total Bill - Unbundled Direct Purchase	8,345,469	30.9091	8,249,533	30.5538	(95,936)	(1.1%)	(2.3%)
79	Unbundled Direct Purchase Impact						(2.2%)	(28.3%)
	<u>Large Rate 100 to Rate E22</u>	Demand 850,000 m ³ Annual Volume 240,000,000 m ³						
80	Delivery Charges	2,767,122	1.1530	1,599,791	0.6666	(1,167,331)	(42.2%)	(42.2%)
81	Federal Carbon Charge	36,600,000	15.2500	36,600,000	15.2500	-	0.0%	0.0%
82	Gas Supply Transportation	9,482,867	3.9512	-	0.0000	(9,482,867)	(100.0%)	(100.0%)
83	Gas Supply Commodity	37,686,304	15.7026	34,564,479	14.4019	(3,121,824)	(8.3%)	(8.3%)
84	Total Bill - Sales Service	86,536,292	36.0568	72,764,270	30.3184	(13,772,022)	(15.9%)	(27.6%)
85	Total Bill - Bundled Direct Purchase	83,414,468	34.7560	72,764,270	30.3184	(10,650,198)	(12.8%)	(22.7%)
86	Bundled Direct Purchase Impact						(3.0%)	(42.2%)
87	Total Bill - Unbundled Direct Purchase	73,931,601	30.8048	72,764,270	30.3184	(1,167,331)	(1.6%)	(3.1%)
88	Unbundled Direct Purchase Impact						(3.0%)	(42.2%)

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
(2) Bill impacts exclude Rider K and Rider R.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved 1(1)(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate M1 to Rate E01</u>	Demand 20 m ³ Annual Volume 2,200 m ³						
1	Delivery Charges	453	20.5998	507	23.0439	54	11.9%	11.9%
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	-	-	40	1.8032	40	100.0%	100.0%
4	Gas Supply Commodity	357	16.2433	317	14.4019	(41)	(11.3%)	(11.3%)
5	Total Bill - Sales Service	1,146	52.0930	1,199	54.4990	53	4.6%	6.5%
6	Total Bill - Bundled Direct Purchase	1,106	50.2517	1,199	54.4990	93	8.5%	12.1%
7	Bundled Direct Purchase Impact						11.8%	20.6%
	<u>Large Rate M1 to Rate E02</u>	Demand 365 m ³ Annual Volume 40,000 m ³						
8	Delivery Charges	2,658	6.6459	3,306	8.2644	647	24.4%	24.4%
9	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
10	Gas Supply Transportation	-	-	650	1.6259	650	100.0%	100.0%
11	Gas Supply Commodity	6,497	16.2433	5,761	14.4019	(737)	(11.3%)	(11.3%)
12	Total Bill - Sales Service	15,256	38.1392	15,817	39.5422	561	3.7%	6.1%
13	Total Bill - Bundled Direct Purchase	14,519	36.2978	15,817	39.5422	1,298	8.9%	15.4%
14	Bundled Direct Purchase Impact						14.8%	48.8%
	<u>Small Rate M2 to Rate E02</u>	Demand 613 m ³ Annual Volume 60,000 m ³						
15	Delivery Charges	4,933	8.2216	5,295	8.8249	362	7.3%	7.3%
16	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
17	Gas Supply Transportation	-	-	976	1.6259	976	100.0%	100.0%
18	Gas Supply Commodity	9,746	16.2433	8,641	14.4019	(1,105)	(11.3%)	(11.3%)
19	Total Bill - Sales Service	23,829	39.7148	24,062	40.1027	233	1.0%	1.6%
20	Total Bill - Bundled Direct Purchase	22,724	37.8734	24,062	40.1027	1,338	5.9%	9.9%
21	Bundled Direct Purchase Impact						9.5%	27.1%
	<u>Average Rate M2 to Rate E02</u>	Demand 746 m ³ Annual Volume 73,000 m ³						
22	Delivery Charges	5,773	7.9082	6,367	8.7213	594	10.3%	10.3%
23	Federal Carbon Charge	11,133	15.2500	11,133	15.2500	-	0.0%	0.0%
24	Gas Supply Transportation	-	-	1,187	1.6259	1,187	100.0%	100.0%
25	Gas Supply Commodity	11,858	16.2433	10,513	14.4019	(1,344)	(11.3%)	(11.3%)
26	Total Bill - Sales Service	28,763	39.4015	29,199	39.9991	436	1.5%	2.5%
27	Total Bill - Bundled Direct Purchase	27,419	37.5601	29,199	39.9991	1,780	6.5%	10.9%
28	Bundled Direct Purchase Impact						10.5%	30.8%
	<u>Large Rate M2 to Rate E02</u>	Demand 2,556 m ³ Annual Volume 250,000 m ³						
29	Delivery Charges	16,762	6.7047	20,957	8.3826	4,195	25.0%	25.0%
30	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%
31	Gas Supply Transportation	-	-	4,065	1.6259	4,065	100.0%	100.0%
32	Gas Supply Commodity	40,608	16.2433	36,005	14.4019	(4,603)	(11.3%)	(11.3%)
33	Total Bill - Sales Service	95,495	38.1979	99,151	39.6604	3,656	3.8%	6.4%
34	Total Bill - Bundled Direct Purchase	90,891	36.3565	99,151	39.6604	8,260	9.1%	15.7%
35	Bundled Direct Purchase Impact						15.0%	49.3%
	<u>Small Rate M4 to Rate E10</u>	Demand 4,800 m ³ Annual Volume 875,000 m ³						
36	Delivery Charges	58,954	6.7376	44,864	5.1273	(14,090)	(23.9%)	(23.9%)
37	Federal Carbon Charge	133,438	15.2500	133,438	15.2500	-	0.0%	0.0%
38	Gas Supply Transportation	-	-	7,069	0.8078	7,069	100.0%	100.0%
39	Gas Supply Commodity	142,128	16.2433	126,016	14.4019	(16,112)	(11.3%)	(11.3%)
40	Total Bill - Sales Service	334,520	38.2308	311,386	35.5870	(23,133)	(6.9%)	(11.5%)
41	Total Bill - Bundled Direct Purchase	318,407	36.3894	311,386	35.5870	(7,021)	(2.2%)	(3.8%)
42	Bundled Direct Purchase Impact						(3.6%)	(11.9%)
	<u>Large Rate M4 to Rate E10</u>	Demand 50,000 m ³ Annual Volume 12,000,000 m ³						
43	Delivery Charges	472,901	3.9408	346,179	2.8848	(126,722)	(26.8%)	(26.8%)
44	Federal Carbon Charge	1,830,000	15.2500	1,830,000	15.2500	-	0.0%	0.0%
45	Gas Supply Transportation	-	-	96,941	0.8078	96,941	100.0%	100.0%
46	Gas Supply Commodity	1,949,190	16.2433	1,728,224	14.4019	(220,966)	(11.3%)	(11.3%)
47	Total Bill - Sales Service	4,252,091	35.4341	4,001,344	33.3445	(250,747)	(5.9%)	(10.4%)
48	Total Bill - Bundled Direct Purchase	4,031,125	33.5927	4,001,344	33.3445	(29,781)	(0.7%)	(1.4%)
49	Bundled Direct Purchase Impact						(1.3%)	(6.3%)
	<u>Small Rate M5 to Rate E30</u>	Demand 7,500 m ³ Annual Volume 825,000 m ³						
50	Delivery Charges	38,918	4.7173	14,797	1.7935	(24,121)	(62.0%)	(62.0%)
51	Federal Carbon Charge	125,813	15.2500	125,813	15.2500	-	0.0%	0.0%
52	Gas Supply Transportation	-	-	5,277	0.6396	5,277	100.0%	100.0%
53	Gas Supply Commodity	134,007	16.2433	118,815	14.4019	(15,191)	(11.3%)	(11.3%)
54	Total Bill - Sales Service	298,737	36.2106	264,701	32.0850	(34,036)	(11.4%)	(19.7%)
55	Total Bill - Bundled Direct Purchase	283,546	34.3692	264,701	32.0850	(18,844)	(6.6%)	(11.9%)
56	Bundled Direct Purchase Impact						(11.4%)	(48.4%)
	<u>Large Rate M5 to Rate E30</u>	Demand 70,000 m ³ Annual Volume 6,500,000 m ³						
57	Delivery Charges	226,552	3.4854	85,932	1.3220	(140,620)	(62.1%)	(62.1%)
58	Federal Carbon Charge	991,250	15.2500	991,250	15.2500	-	0.0%	0.0%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
59	Gas Supply Transportation	-	-	41,575	0.6396	41,575	100.0%	100.0%
60	Gas Supply Commodity	1,055,811	16.2433	936,121	14.4019	(119,690)	(11.3%)	(11.3%)
61	Total Bill - Sales Service	2,273,613	34.9787	2,054,878	31.6135	(218,735)	(9.6%)	(17.1%)
62	Total Bill - Bundled Direct Purchase	2,153,923	33.1373	2,054,878	31.6135	(99,045)	(4.6%)	(8.5%)
63	Bundled Direct Purchase Impact						(8.1%)	(43.7%)
	<u>Small Rate M7 to Rate E10</u>	Demand 165,000 m ³ Annual Volume 36,000,000 m ³						
64	Delivery Charges	871,721	2.4214	1,006,602	2.7961	134,881	15.5%	15.5%
65	Federal Carbon Charge	5,490,000	15.2500	5,490,000	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	-	-	290,824	0.8078	290,824	100.0%	100.0%
67	Gas Supply Commodity	5,847,570	16.2433	5,184,672	14.4019	(662,898)	(11.3%)	(11.3%)
68	Total Bill - Sales Service	12,209,291	33.9147	11,972,098	33.2558	(237,193)	(1.9%)	(3.5%)
69	Total Bill - Bundled Direct Purchase	11,546,392	32.0733	11,972,098	33.2558	425,705	3.7%	7.0%
70	Bundled Direct Purchase Impact						6.7%	48.8%
	<u>Large Rate M7 to Rate E10</u>	Demand 720,000 m ³ Annual Volume 52,000,000 m ³						
71	Delivery Charges	3,396,434	6.5316	3,909,582	7.5184	513,148	15.1%	15.1%
72	Federal Carbon Charge	7,930,000	15.2500	7,930,000	15.2500	-	0.0%	0.0%
73	Gas Supply Transportation	-	-	420,079	0.8078	420,079	100.0%	100.0%
74	Gas Supply Commodity	8,446,490	16.2433	7,488,970	14.4019	(957,520)	(11.3%)	(11.3%)
75	Total Bill - Sales Service	19,772,924	38.0249	19,748,632	37.9781	(24,293)	(0.1%)	(0.2%)
76	Total Bill - Bundled Direct Purchase	18,815,405	36.1835	19,748,632	37.9781	933,227	5.0%	8.6%
77	Bundled Direct Purchase Impact						8.2%	27.5%
	<u>Small Rate M9 to Rate E62 (3)</u>	Demand 56,439 m ³ Annual Volume 6,950,000 m ³						
78	Delivery Charges	209,336	3.0120	220,338	3.1703	11,001		5.3%
80	Gas Supply Transportation	-	-	56,145	0.8078	56,145		100.0%
79	Gas Supply Commodity	1,128,906	16.2433	1,000,930	14.4019	(127,976)		(11.3%)
81	Total Bill - Sales Service	1,338,242	19.2553	1,277,412	18.3800	(60,830)		(8.7%)
82	Total Bill - Bundled Direct Purchase	1,210,266	17.4139	1,277,412	18.3800	67,147		5.5%
83	Bundled Direct Purchase Impact							32.1%
	<u>Large Rate M9 to Rate E62 (3)</u>	Demand 168,100 m ³ Annual Volume 20,178,000 m ³						
84	Delivery Charges	621,999	3.0826	642,877	3.1860	20,878		3.4%
86	Gas Supply Transportation	-	-	163,007	0.8078	163,007		100.0%
85	Gas Supply Commodity	3,277,563	16.2433	2,906,009	14.4019	(371,555)		(11.3%)
87	Total Bill - Sales Service	3,899,562	19.3258	3,711,892	18.3957	(187,670)		(9.0%)
88	Total Bill - Bundled Direct Purchase	3,528,007	17.4844	3,711,892	18.3957	183,885		5.2%
89	Bundled Direct Purchase Impact							29.6%
	<u>Small Rate T1 to Rate E20</u>	Demand 25,750 m ³ Annual Volume 7,537,000 m ³						
90	Delivery Charges	176,699	2.3444	153,481	2.0364	(23,218)	(13.1%)	(13.1%)
91	Federal Carbon Charge	1,149,393	15.2500	1,149,393	15.2500	-	0.0%	0.0%
92	Gas Supply Commodity	1,224,254	16.2433	1,085,469	14.4019	(138,785)	(11.3%)	(11.3%)
93	Total Bill - Sales Service	2,550,345	33.8377	2,388,342	31.6882	(162,003)	(6.4%)	(11.6%)
94	Total Bill - Bundled Direct Purchase	2,411,560	31.9963	2,388,342	31.6882	(23,218)	(1.0%)	(1.8%)
95	Bundled Direct Purchase Impact						(1.8%)	(13.1%)
	<u>Average Rate T1 to Rate E20</u>	Demand 48,750 m ³ Annual Volume 11,565,938 m ³						
96	Delivery Charges	274,088	2.3698	228,778	1.9780	(45,310)	(16.5%)	(16.5%)
97	Federal Carbon Charge	1,763,806	15.2500	1,763,806	15.2500	-	0.0%	0.0%
98	Gas Supply Commodity	1,878,684	16.2433	1,665,711	14.4019	(212,973)	(11.3%)	(11.3%)
99	Total Bill - Sales Service	3,916,578	33.8630	3,658,295	31.6299	(258,283)	(6.6%)	(12.0%)
100	Total Bill - Bundled Direct Purchase	3,703,604	32.0217	3,658,295	31.6299	(45,310)	(1.2%)	(2.3%)
101	Bundled Direct Purchase Impact						(2.2%)	(16.5%)
	<u>Large Rate T1 to Rate E20</u>	Demand 133,000 m ³ Annual Volume 25,624,080 m ³						
102	Delivery Charges	616,243	2.4049	481,871	1.8805	(134,372)	(21.8%)	(21.8%)
103	Federal Carbon Charge	3,907,672	15.2500	3,907,672	15.2500	-	0.0%	0.0%
104	Gas Supply Commodity	4,162,184	16.2433	3,690,346	14.4019	(471,838)	(11.3%)	(11.3%)
105	Total Bill - Sales Service	8,686,099	33.8982	8,079,889	31.5324	(606,210)	(7.0%)	(12.7%)
106	Total Bill - Bundled Direct Purchase	8,214,261	32.0568	8,079,889	31.5324	(134,372)	(1.6%)	(3.1%)
107	Bundled Direct Purchase Impact						(3.0%)	(21.8%)
	<u>Small Rate T2 to Rate E20</u>	Demand 190,000 m ³ Annual Volume 59,256,000 m ³						
108	Delivery Charges	818,702	1.3816	663,122	1.1191	(155,580)	(19.0%)	(19.0%)
109	Federal Carbon Charge	9,036,540	15.2500	9,036,540	15.2500	-	0.0%	0.0%
110	Gas Supply Commodity	9,625,101	16.2433	8,533,970	14.4019	(1,091,131)	(11.3%)	(11.3%)
111	Total Bill - Sales Service	19,480,343	32.8749	18,233,632	30.7709	(1,246,711)	(6.4%)	(11.9%)
112	Total Bill - Bundled Direct Purchase	18,389,212	31.0335	18,233,632	30.7709	(155,580)	(0.8%)	(1.7%)
113	Bundled Direct Purchase Impact						(1.6%)	(19.0%)
	<u>Average Rate T2 to Rate E20</u>	Demand 669,000 m ³ Annual Volume 197,789,850 m ³						
114	Delivery Charges	2,035,557	1.0292	1,941,528	0.9816	(94,029)	(4.6%)	(4.6%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)		Total Bill Change (\$)	Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)		Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
115	Federal Carbon Charge	30,162,952	15.2500	30,162,952	15.2500	-	0.0%	0.0%
116	Gas Supply Commodity	32,127,501	16.2433	28,485,430	14.4019	(3,642,071)	(11.3%)	(11.3%)
117	Total Bill - Sales Service	64,326,010	32.5224	60,589,910	30.6335	(3,736,100)	(5.8%)	(10.9%)
118	Total Bill - Bundled Direct Purchase	60,683,939	30.6810	60,589,910	30.6335	(94,029)	(0.2%)	(0.3%)
119	Bundled Direct Purchase Impact						(0.3%)	(4.6%)
	<u>Large Rate T2 to Rate E20</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³						
120	Delivery Charges	3,404,458	0.9199	3,381,533	0.9137	(22,925)	(0.7%)	(0.7%)
121	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
122	Gas Supply Commodity	60,114,484	16.2433	53,299,723	14.4019	(6,814,761)	(11.3%)	(11.3%)
123	Total Bill - Sales Service	119,957,515	32.4132	113,119,829	30.5656	(6,837,686)	(5.7%)	(10.8%)
124	Total Bill - Bundled Direct Purchase	113,142,754	30.5718	113,119,829	30.5656	(22,925)	(0.0%)	(0.0%)
125	Bundled Direct Purchase Impact						(0.0%)	(0.7%)
	<u>Large Rate T2 to Rate E24</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³						
126	Delivery Charges	3,404,458	0.9199	1,511,841	0.4085	(1,892,617)	(55.6%)	(55.6%)
127	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
128	Gas Supply Commodity	60,114,484	16.2433	53,299,723	14.4019	(6,814,761)	(11.3%)	(11.3%)
129	Total Bill - Sales Service	119,957,515	32.4132	111,250,137	30.0604	(8,707,378)	(7.3%)	(13.7%)
130	Total Bill - Bundled Direct Purchase	113,142,754	30.5718	111,250,137	30.0604	(1,892,617)	(1.7%)	(3.3%)
131	Bundled Direct Purchase Impact						(3.2%)	(55.6%)
	<u>Large Rate T3 to Rate E64 (3)</u>	Demand 2,350,000 m ³ Annual Volume 272,712,000 m ³						
132	Delivery Charges	6,826,798	2.5033	6,730,975	2.4682	(95,822)		(1.4%)
133	Gas Supply Commodity	44,297,294	16.2433	39,275,618	14.4019	(5,021,676)		(11.3%)
134	Total Bill - Sales Service	51,124,091	18.7466	46,006,593	16.8700	(5,117,498)		(10.0%)
135	Total Bill - Bundled Direct Purchase	46,102,415	16.9052	46,006,593	16.8700	(95,822)		(0.2%)
136	Bundled Direct Purchase Impact							(1.4%)

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.
- (3) Rate M9 and Rate T3 customers are not charged the Federal Carbon Charge.

Summary of Proposed Revenue Change by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/ St. Clair Adjustment
Total Revenue

Line No.	Particulars	Revenue Before Recovery		Proposed Revenue Requirement			Revenue After Recovery				
		Current Approved Revenue (1)	Revenue (Deficiency) / Sufficiency	Allocated Cost	Panhandle/ St. Clair Reallocation	Proposed Revenue Requirement	S&T Margin (2)	Rate Design Adjustments	Proposed Revenue	Revenue-to-Cost Ratio	Revenue Change (%)
		(\$000s)	(\$000s)	(\$000s)	(\$000s)	(\$000s)	(\$000s)	(\$000s)	(\$000s)		
		(a)	(b) = (a - e)	(c)	(d)	(e) = (c + d)	(f)	(g)	(h) = (e + f + g)	(i) = (h / e)	(j) = (h - a) / (a)
In-franchise											
North Service Area											
1	Rate E01	263,114	31,476	231,156	483	231,638	(546)	-	231,092	0.998	(12%)
2	Rate E02	70,905	4,934	65,810	162	65,971	(285)	-	65,687	0.996	(7%)
3	Rate E10	5,599	(528)	6,117	9	6,126	(33)	-	6,094	0.995	9%
4	Rate E20	-	-	-	-	-	-	-	-	-	-
5	Rate E22	16,243	7,779	8,464	-	8,464	-	(46)	8,418	0.995	(48%)
6	Rate E24	6,323	3,623	2,699	-	2,699	(21)	(1)	2,677	0.992	(58%)
7	Rate E30	818	(71)	885	5	889	-	-	889	1.000	9%
8	Rate E34	-	-	-	-	-	-	-	-	-	-
9	Rate E38	2,692	91	2,601	-	2,601	(8)	162	2,755	1.059	2%
10	Rate E62	-	-	-	-	-	-	-	-	-	-
11	Rate E64	-	-	-	-	-	-	-	-	-	-
12	Total North Service Area	365,694	47,304	317,731	658	318,390	(893)	115	317,612	0.998	(13%)
East Service Area											
13	Rate E01	453,097	(27,231)	480,243	85	480,328	(886)	-	479,442	0.998	6%
14	Rate E02	141,781	(42,695)	184,414	36	184,476	(624)	-	183,852	0.997	30%
15	Rate E10	19,373	(10,226)	29,596	4	29,599	(99)	-	29,501	0.997	52%
16	Rate E20	-	-	-	-	-	-	-	-	-	-
17	Rate E22	6,484	2,704	3,780	-	3,780	-	(119)	3,661	0.968	(44%)
18	Rate E24	12,534	5,809	6,725	-	6,725	(59)	(2)	6,665	0.991	(47%)
19	Rate E30	603	(1,605)	2,207	0	2,207	-	196	2,403	1.089	299%
20	Rate E34	386	(495)	881	0	881	(0)	(196)	685	0.777	78%
21	Rate E38	-	-	-	-	-	-	-	-	-	-
22	Rate E62	29,316	(3,839)	33,143	12	33,154	(98)	-	33,056	0.997	13%
23	Rate E64	-	-	-	-	-	-	-	-	-	-
24	Total East Service Area	663,573	(77,579)	741,016	136	741,152	(1,765)	(121)	739,265	0.997	11%
Central Service Area											
25	Rate E01	1,790,025	79,538	1,710,022	465	1,710,487	(5,901)	-	1,704,586	0.997	(5%)
26	Rate E02	718,174	18,853	699,065	255	699,321	(4,660)	-	694,660	0.993	(3%)
27	Rate E10	60,791	(4,028)	64,811	8	64,819	(719)	-	64,100	0.989	5%
28	Rate E20	-	-	-	-	-	-	-	-	-	-
29	Rate E22	-	-	-	-	-	-	-	-	-	-
30	Rate E24	13,320	(431)	13,751	-	13,751	(142)	(5)	13,603	0.989	2%
31	Rate E30	2,189	(1,798)	3,986	1	3,987	-	895	4,882	1.224	123%
32	Rate E34	2,289	(660)	2,949	0	2,949	(2)	(895)	2,051	0.696	(10%)
33	Rate E38	-	-	-	-	-	-	-	-	-	-
34	Rate E62	-	-	-	-	-	-	-	-	-	-
35	Rate E64	-	-	-	-	-	-	-	-	-	-
36	Total Central Service Area	2,586,788	91,476	2,494,583	730	2,495,313	(11,424)	(5)	2,483,883	0.995	(4%)
South Service Area											
37	Rate E01	986,143	(59,264)	1,044,697	710	1,045,407	(2,236)	-	1,043,171	0.998	6%
38	Rate E02	296,600	(14,060)	310,433	226	310,660	(1,364)	-	309,295	0.996	4%
39	Rate E10	81,681	(5,513)	87,430	(236)	87,194	(395)	-	86,799	0.995	6%
40	Rate E20	70,375	3,052	68,787	(1,463)	67,323	(609)	-	66,715	0.991	(5%)
41	Rate E22	-	-	-	-	-	-	-	-	-	-
42	Rate E24	26,185	1,755	25,199	(769)	24,430	(155)	(6)	24,269	0.993	(7%)
43	Rate E30	5,073	2,371	2,701	1	2,702	(2)	(15)	2,685	0.994	(47%)
44	Rate E34	390	(61)	450	1	450	-	15	465	1.033	19%
45	Rate E38	1,661	(103)	1,763	-	1,763	(22)	17	1,759	0.997	6%
46	Rate E62	4,500	68	4,426	6	4,432	(54)	-	4,378	0.988	(3%)
47	Rate E64	8,386	(970)	9,355	-	9,355	(282)	-	9,073	0.970	8%
48	Total South Service Area	1,480,992	(72,725)	1,555,241	(1,524)	1,553,717	(5,119)	12	1,548,609	0.997	5%
49	Total In-franchise	5,097,046	(11,524)	5,108,570	-	5,108,570	(19,201)	-	5,089,369	0.996	0%
Ex-franchise											
50	Rate E60	543	230	314	-	314	25	-	339	1.081	(38%)
51	Rate E70	158,474	23,473	135,000	-	135,000	13,660	-	148,661	1.101	(6%)
52	Rate E72	603	309	295	-	295	352	-	646	2.194	7%
53	Rate E80	424	346	78	-	78	707	-	785	10.040	85%
54	Rate E82	3,561	3,561	-	-	-	3,561	-	3,561	-	0%
55	Total Ex-franchise	163,605	27,918	135,687	-	135,687	18,305	-	153,992	1.135	(6%)
56	Non-Utility Cross Charge	1,209	1,209	-	-	-	896	-	896	-	(26%)
57	Total Enbridge Gas	5,261,860	17,603	5,244,257	-	5,244,257	-	-	5,244,257	1.000	(0%)

Notes:

- (1) Current approved revenue at July 2024 QRAM rates applied to the 2024 Test Year billing unit forecast for each harmonized rate class.
(2) S&T margin allocated to in-franchise rate classes in proportion to D-PTRANS allocation factor.

Summary of Proposed Revenue Change by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/ St. Clair Adjustment
Delivery Revenue

		Revenue Before Recovery		Proposed Revenue Requirement			Revenue After Recovery				
Line No.	Particulars	Current Approved Revenue (1) (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Allocated Cost (\$000s)	Panhandle/ St. Clair Reallocation (\$000s)	Proposed Revenue Requirement (\$000s)	S&T Margin (2) (\$000s)	Rate Design Adjustments (\$000s)	Proposed Revenue (\$000s)	Revenue-to-Cost Ratio	Revenue Change (%)
		(a)	(b) = (a - e)	(c)	(d)	(e) = (c + d)	(f)	(g)	(h) = (e + f + g)	(i) = (h / e)	(j) = (h - a) / (a)
In-franchise											
North Service Area											
1	Rate E01	150,956	26,663	123,810	483	124,293	(546)	-	123,747	0.996	(18%)
2	Rate E02	30,917	6,342	24,414	162	24,575	(285)	-	24,291	0.988	(21%)
3	Rate E10	2,231	226	1,996	9	2,005	(33)	-	1,972	0.984	(12%)
4	Rate E20	-	-	-	-	-	-	-	-	-	-
5	Rate E22	16,230	8,383	7,846	-	7,846	-	(28)	7,818	0.996	(52%)
6	Rate E24	6,307	4,033	2,274	-	2,274	(21)	(1)	2,251	0.990	(64%)
7	Rate E30	236	180	52	5	56	-	-	56	1.000	(76%)
8	Rate E34	-	-	-	-	-	-	-	-	-	-
9	Rate E38	1,236	579	657	-	657	(8)	135	784	1.194	(37%)
10	Rate E62	-	-	-	-	-	-	-	-	-	-
11	Rate E64	-	-	-	-	-	-	-	-	-	-
12	Total North Service Area	208,113	46,407	161,048	658	161,707	(893)	106	160,920	0.995	(23%)
East Service Area											
13	Rate E01	265,478	12,337	253,056	85	253,141	(886)	-	252,255	0.997	(5%)
14	Rate E02	57,011	(226)	57,201	36	57,237	(624)	-	56,613	0.989	(1%)
15	Rate E10	8,866	1,265	7,598	4	7,601	(99)	-	7,503	0.987	(15%)
16	Rate E20	-	-	-	-	-	-	-	-	-	-
17	Rate E22	6,447	2,950	3,497	-	3,497	-	(111)	3,386	0.968	(47%)
18	Rate E24	12,494	6,255	6,240	-	6,240	(59)	(3)	6,179	0.990	(51%)
19	Rate E30	738	412	326	0	326	-	196	522	1.601	(29%)
20	Rate E34	342	(77)	418	0	418	(0)	(196)	222	0.531	(35%)
21	Rate E38	-	-	-	-	-	-	-	-	-	-
22	Rate E62	5,168	1,786	3,370	12	3,382	(98)	-	3,284	0.971	(36%)
23	Rate E64	-	-	-	-	-	-	-	-	-	-
24	Total East Service Area	356,543	24,701	331,706	136	331,842	(1,765)	(114)	329,963	0.994	(7%)
Central Service Area											
25	Rate E01	1,024,899	3,052	1,021,382	465	1,021,847	(5,901)	-	1,015,946	0.994	(1%)
26	Rate E02	282,730	(26,414)	308,888	255	309,144	(4,660)	-	304,484	0.985	8%
27	Rate E10	39,949	(4,837)	44,778	8	44,786	(719)	-	44,067	0.984	10%
28	Rate E20	-	-	-	-	-	-	-	-	-	-
29	Rate E22	-	-	-	-	-	-	-	-	-	-
30	Rate E24	12,827	(252)	13,078	-	13,078	(142)	(6)	12,930	0.989	1%
31	Rate E30	3,295	1,732	1,563	1	1,564	-	895	2,459	1.572	(25%)
32	Rate E34	1,859	(293)	2,151	0	2,152	(2)	(895)	1,254	0.583	(33%)
33	Rate E38	-	-	-	-	-	-	-	-	-	-
34	Rate E62	-	-	-	-	-	-	-	-	-	-
35	Rate E64	-	-	-	-	-	-	-	-	-	-
36	Total Central Service Area	1,365,559	(27,012)	1,391,840	730	1,392,570	(11,424)	(6)	1,381,140	0.992	1%
South Service Area											
37	Rate E01	542,324	(72,969)	614,583	710	615,293	(2,236)	-	613,057	0.996	13%
38	Rate E02	118,564	(13,700)	132,038	226	132,264	(1,364)	-	130,900	0.990	10%
39	Rate E10	64,060	(3,153)	67,449	(236)	67,213	(395)	-	66,818	0.994	4%
40	Rate E20	67,425	9,349	59,540	(1,463)	58,076	(609)	-	57,468	0.990	(15%)
41	Rate E22	-	-	-	-	-	-	-	-	-	-
42	Rate E24	25,296	3,428	22,637	(769)	21,868	(155)	(7)	21,706	0.993	(14%)
43	Rate E30	4,556	2,387	2,168	1	2,169	(2)	(15)	2,152	0.992	(53%)
44	Rate E34	31	(78)	108	1	109	-	15	124	1.138	298%
45	Rate E38	1,450	378	1,072	-	1,072	(22)	20	1,071	0.999	(26%)
46	Rate E62	1,821	134	1,680	6	1,686	(54)	-	1,633	0.968	(10%)
47	Rate E64	8,098	(68)	8,167	-	8,167	(282)	-	7,885	0.965	(3%)
48	Total South Service Area	833,626	(74,291)	909,441	(1,524)	907,917	(5,119)	14	902,812	1.083	8%
49	Total In-franchise	2,763,841	(30,195)	2,794,036	-	2,794,036	(19,201)	-	2,774,834	1.004	0%
Ex-franchise											
50	Rate E60	543	240	303	-	303	25	-	328	1.084	(40%)
51	Rate E70	142,270	27,559	114,711	-	114,711	13,660	-	128,372	1.119	(10%)
52	Rate E72	440	435	4	-	4	352	-	356	88.455	(19%)
53	Rate E80	386	384	2	-	2	707	-	708	400.285	84%
54	Rate E82	3,561	3,561	-	-	-	3,561	-	3,561	-	0%
55	Total Ex-franchise	147,200	32,180	115,020	-	115,020	18,305	-	133,325	1.159	(9%)
56	Non-Utility Cross Charge	1,209	1,209	-	-	-	896	-	896	-	(26%)
57	Total Enbridge Gas	2,912,249	3,193	2,909,056	-	2,909,056	-	-	2,909,056	1.000	(0%)

Notes:
(1) Current approved revenue at July 2024 ORAM rates applied to the 2024 Test Year billing unit forecast for each harmonized rate class.
(2) S&T margin allocated to in-franchise rate classes in proportion to D-PTRANS allocation factor.

Summary of Proposed Revenue Change by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/ St. Clair Adjustment
Gas Supply Revenue

Line No.	Particulars	Revenue Before Recovery		Proposed Revenue Requirement			Revenue After Recovery				
		Current Approved Revenue (1) (\$000s)	Revenue (Deficiency) / Sufficiency (2) (\$000s)	Allocated Cost (\$000s)	Panhandle/ St. Clair Reallocation (\$000s)	Proposed Revenue Requirement (\$000s)	S&T Margin (2) (\$000s)	Rate Design Adjustments (\$000s)	Proposed Revenue (\$000s)	Revenue-to-Cost Ratio	Revenue Change (%)
		(a)	(b) = (a - e)	(c)	(d)	(e) = (c + d)	(f)	(g)	(h) = (e + f + g)	(i) = (h / e)	(j) = (h - a) / (a)
<u>In-franchise</u>											
<u>North Service Area</u>											
1	Rate E01	112,158	4,813	107,345	-	107,345	-	-	107,345	1.000	(4%)
2	Rate E02	39,988	(1,408)	41,396	-	41,396	-	-	41,396	1.000	4%
3	Rate E10	3,367	(754)	4,121	-	4,121	-	-	4,121	1.000	22%
4	Rate E20	-	-	-	-	-	-	-	-	-	-
5	Rate E22	13	(605)	618	-	618	-	(18)	600	0.971	4472%
6	Rate E24	16	(409)	426	-	426	-	-	426	1.000	2545%
7	Rate E30	582	(251)	833	-	833	-	-	833	1.000	43%
8	Rate E34	-	-	-	-	-	-	-	-	-	-
9	Rate E38	1,456	(488)	1,944	-	1,944	-	27	1,971	1.014	35%
10	Rate E62	-	-	-	-	-	-	-	-	-	-
11	Rate E64	-	-	-	-	-	-	-	-	-	-
12	Total North Service Area	157,580	897	156,683	-	156,683	-	9	156,692	1.000	(1%)
<u>East Service Area</u>											
13	Rate E01	187,619	(39,568)	227,188	-	227,188	-	-	227,188	1.000	21%
14	Rate E02	84,770	(42,470)	127,239	-	127,239	-	-	127,239	1.000	50%
15	Rate E10	10,507	(11,491)	21,998	-	21,998	-	-	21,998	1.000	109%
16	Rate E20	-	-	-	-	-	-	-	-	-	-
17	Rate E22	38	(246)	283	-	283	-	(8)	275	0.971	629%
18	Rate E24	40	(446)	486	-	486	-	-	486	1.001	1112%
19	Rate E30	(135)	(2,016)	1,881	-	1,881	-	-	1,881	1.000	100%
20	Rate E34	44	(419)	463	-	463	-	-	463	1.000	950%
21	Rate E38	-	-	-	-	-	-	-	-	-	-
22	Rate E62	24,148	(5,625)	29,773	-	29,773	-	-	29,773	1.000	23%
23	Rate E64	-	-	-	-	-	-	-	-	-	-
24	Total East Service Area	307,030	(102,280)	409,310	-	409,310	-	(8)	409,302	1.000	33%
<u>Central Service Area</u>											
25	Rate E01	765,127	76,486	688,640	-	688,640	-	-	688,640	1.000	(10%)
26	Rate E02	435,444	45,267	390,177	-	390,177	-	-	390,177	1.000	(10%)
27	Rate E10	20,842	809	20,033	-	20,033	-	-	20,033	1.000	(4%)
28	Rate E20	-	-	-	-	-	-	-	-	-	-
29	Rate E22	-	-	-	-	-	-	-	-	-	-
30	Rate E24	493	(179)	672	-	672	-	1	673	1.001	37%
31	Rate E30	(1,106)	(3,529)	2,423	-	2,423	-	-	2,423	1.000	100%
32	Rate E34	430	(367)	797	-	797	-	-	797	1.000	85%
33	Rate E38	-	-	-	-	-	-	-	-	-	-
34	Rate E62	-	-	-	-	-	-	-	-	-	-
35	Rate E64	-	-	-	-	-	-	-	-	-	-
36	Total Central Service Area	1,221,229	118,487	1,102,742	-	1,102,742	-	1	1,102,743	1.000	(10%)
<u>South Service Area</u>											
37	Rate E01	443,819	13,705	430,114	-	430,114	-	-	430,114	1.000	(3%)
38	Rate E02	178,035	(360)	178,395	-	178,395	-	-	178,395	1.000	0%
39	Rate E10	17,621	(2,360)	19,981	-	19,981	-	-	19,981	1.000	13%
40	Rate E20	2,949	(6,297)	9,247	-	9,247	-	-	9,247	1.000	214%
41	Rate E22	-	-	-	-	-	-	-	-	-	-
42	Rate E24	889	(1,673)	2,562	-	2,562	-	1	2,563	1.000	188%
43	Rate E30	517	(16)	533	-	533	-	-	533	1.000	3%
44	Rate E34	359	17	342	-	342	-	-	342	1.000	(5%)
45	Rate E38	211	(481)	691	-	691	-	(3)	688	0.996	227%
46	Rate E62	2,680	(66)	2,745	-	2,745	-	-	2,745	1.000	2%
47	Rate E64	287	(901)	1,189	-	1,189	-	-	1,189	1.000	314%
48	Total South Service Area	647,366	1,566	645,800	-	645,800	-	(2)	645,798	0.998	(0%)
49	Total In-franchise	2,333,206	18,671	2,314,535	-	2,314,535	-	-	2,314,535	0.992	(1%)
<u>Ex-franchise</u>											
50	Rate E60	-	(11)	11	-	11	-	-	11	1.000	-
51	Rate E70	16,203	(4,086)	20,289	-	20,289	-	-	20,289	1.000	25%
52	Rate E72	164	(127)	291	-	291	-	-	291	1.000	77%
53	Rate E80	38	(38)	76	-	76	-	-	76	1.000	99%
54	Rate E82	-	-	-	-	-	-	-	-	-	-
55	Total Ex-franchise	16,405	(4,261)	20,667	-	20,667	-	-	20,667	1.000	26%
56	Non-Utility Cross Charge	-	-	-	-	-	-	-	-	-	-
57	Total Enbridge Gas	2,349,611	14,410	2,335,202	-	2,335,202	-	-	2,335,202	1.000	(1%)

Notes:

- (1) Current approved revenue at July 2024 QRAM rates applied to the 2024 Test Year billing unit forecast for each harmonized rate class.
(2) S&T margin allocated to in-franchise rate classes in proportion to D-PTRANS allocation factor.

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Line No.	Particulars	Billing Units	2024 Forecast Usage	Current Approved			Proposed					
				Revenue (\$000s)	Rates (cents/m ³)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (1) (\$000s)	Rates (cents/m ³)	Revenue-to-Cost Ratios	Rate Change (%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
Rate E02												
Monthly Customer Charge												
32	North	bills	62,525				6,955	(5,136)	1,819	\$29.10	0.262	
33	East	bills	115,468				12,845	(9,485)	3,360	\$29.10	0.262	
34	Central	bills	585,995				65,188	(48,137)	17,051	\$29.10	0.262	
35	South	bills	257,311				28,624	(21,137)	7,487	\$29.10	0.262	
Delivery Commodity Charge												
36	North	10 ³ m ³	296,689				198	-	198	0.0668	1.000	
37	East	10 ³ m ³	685,375				458	-	458	0.0668	1.000	
38	Central	10 ³ m ³	3,843,717				2,569	-	2,569	0.0668	1.000	
39	South	10 ³ m ³	1,745,279				1,167	-	1,167	0.0668	1.000	
Delivery Demand Charge												
40	North	10 ³ m ³ /d	34,892				18,466	4,860	23,326	66.8504	1.263	
41	East	10 ³ m ³ /d	95,905				48,797	8,798	57,595	60.0546	1.180	
42	Central	10 ³ m ³ /d	448,198				245,801	43,580	289,381	64.5654	1.177	
43	South	10 ³ m ³ /d	193,603				103,901	19,773	123,674	63.8799	1.190	
44	Total Delivery		6,571,059				534,969	(6,884)	528,085	8.0365	0.987	
Gas Supply Transportation Charge												
Transportation												
45	North	10 ³ m ³	257,681				11,743	-	11,743	4.5573	1.000	
46	East	10 ³ m ³	668,083				74,965	-	74,965	11.2209	1.000	
47	Central	10 ³ m ³	3,700,513				28,208	-	28,208	0.7623	1.000	
48	South	10 ³ m ³	1,745,279				5,554	-	5,554	0.3182	1.000	
Transportation - Western												
49	North	10 ³ m ³	36,822				2,632	-	2,632	7.1492	1.000	
50	East	10 ³ m ³	15,597				2,154	-	2,154	13.8128	1.000	
51	Central	10 ³ m ³	143,203				4,803	-	4,803	3.3542	1.000	
52	South	10 ³ m ³	-				-	-	-	2.9101	-	
53	Gas Supply Transportation Charge		6,567,178				130,060	-	130,060	1.9805	1.000	
Gas Supply Commodity Charge												
54	North	10 ³ m ³	193,328				25,976	(8)	25,968	13.4319	1.000	
55	East	10 ³ m ³	427,659				45,257	63	45,319	10.5971	1.001	
56	Central	10 ³ m ³	2,400,793				352,751	(103)	352,648	14.6888	1.000	
57	South	10 ³ m ³	1,092,207				171,414	-	171,414	15.6943	1.000	
58	Total Rate E02		6,571,059	1,227,459	18.6798	(32,969)	1,260,428	(6,934)	1,253,494	19.0760	0.994	2%
59	Total Rate E02 - North		296,689	70,905	23.8987	4,934	65,971	(285)	65,687	22.1400	0.996	(7%)
60	Total Rate E02 - East		685,375	141,781	20.6866	(42,695)	184,476	(624)	183,852	26.8250	0.997	30%
61	Total Rate E02 - Central		3,843,717	718,174	18.6844	18,853	699,321	(4,660)	694,660	18.0726	0.993	(3%)
62	Total Rate E02 - South		1,745,279	296,600	16.9944	(14,060)	310,660	(1,364)	309,295	17.7218	0.996	4%

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Current Approved						Proposed						
Line		Billing	2024	Revenue	Rates	Revenue	Revenue	Revenue	Revenue	Rates	Revenue-	Rate
No.	Particulars	Units	Forecast	(\$000s)	(cents/m ³)	(Deficiency) / Sufficiency (\$000s)	Requirement (\$000s)	(Deficiency) / Sufficiency (\$000s)	(1) (\$000s)	(cents/m ³)	to-Cost Ratios	Change (%)
			Usage	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
			(a)									
Rate E10												
Monthly Customer Charge												
63	North	bills	144				360	(288)	72	\$500.00	0.200	
64	East	bills	792				1,980	(1,584)	396	\$500.00	0.200	
65	Central	bills	4,800				11,999	(9,599)	2,400	\$500.00	0.200	
66	South	bills	3,444				8,609	(6,887)	1,722	\$500.00	0.200	
Delivery Commodity Charge												
67	North	10³m³	52,931				35	-	35	0.0668	1.000	
68	East	10³m³	265,469				177	-	177	0.0668	1.000	
69	Central	10³m³	1,294,509				865	-	865	0.0668	1.000	
70	South	10³m³	1,311,595				877	-	877	0.0668	1.000	
Delivery Demand Charge - North												
71	up to 20,000 m³	10³m³/d	2,592				1,066	154	1,220	47.0609		
72	over 20,000 m³	10³m³/d	1,710				711	102	813	47.5478		
73	Delivery Demand Charge - North		4,302				1,777	256	2,033	47.2545	1.144	
Delivery Demand Charge - East												
74	up to 20,000 m³	10³m³/d	9,212				3,914	888	4,801	52.1181		
75	over 20,000 m³	10³m³/d	8,131				2,623	591	3,214	39.5268		
76	Delivery Demand Charge - East		17,344				6,537	1,478	8,015	46.2149	1.226	
Delivery Demand Charge - Central												
77	up to 20,000 m³	10³m³/d	45,374				19,955	5,330	25,285	55.7252		
78	over 20,000 m³	10³m³/d	36,174				13,342	3,553	16,896	46.7079		
79	Delivery Demand Charge - Central		81,548				33,298	8,883	42,181	51.7253	1.267	
Delivery Demand Charge - South												
80	up to 20,000 m³	10³m³/d	54,696				35,562	3,895	39,457	72.1386		
81	over 20,000 m³	10³m³/d	64,413				23,956	2,597	26,553	41.2229		
82	Delivery Demand Charge - South		119,109				59,518	6,492	66,010	55.4196	1.109	
83	Total Delivery		2,924,503				126,032	(1,249)	124,784	4.2668	0.990	
Gas Supply Transportation Charge												
Transportation												
84	North	10³m³	23,704				768	-	768	3.2383	1.000	
85	East	10³m³	264,480				16,023	-	16,023	6.0583	1.000	
86	Central	10³m³	1,284,318				6,896	-	6,896	0.5369	1.000	
87	South	10³m³	1,311,595				3,577	-	3,577	0.2727	1.000	
Transportation - Western												
88	North	10³m³	29,227				1,704	-	1,704	5.8302	1.000	
89	East	10³m³	989				86	-	86	8.6502	1.000	
90	Central	10³m³	10,191				319	-	319	3.1288	1.000	
91	South	10³m³	-				-	-	-	2.8646	-	
92	Gas Supply Transportation Charge		2,924,503				29,372	-	29,372	1.0043	1.000	
Gas Supply Commodity Charge												
93	North	10³m³	11,031				1,482	-	1,482	13.4319	1.000	
94	East	10³m³	45,330				4,797	7	4,804	10.5971	1.001	
95	Central	10³m³	77,875				11,442	(3)	11,439	14.6888	1.000	
96	South	10³m³	93,110				14,613	-	14,613	15.6943	1.000	

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

		Current Approved				Proposed						
Line		Billing	2024	Revenue	Rates	Revenue	Revenue	Revenue	Revenue	Rates	Revenue-	Rate
No.	Particulars	Units	Forecast	(\$000s)	(cents/m ³)	(Deficiency) / Sufficiency (\$000s)	Requirement (\$000s)	(Deficiency) / Sufficiency (\$000s)	(1) (\$000s)	(cents/m ³)	to-Cost Ratios	Change (%)
			Usage	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
			(a)									
97	Total Rate E10		2,924,503	167,443	5.7255	(20,295)	187,738	(1,245)	186,493	6.3769	0.993	11%
98	Total Rate E10 - North		52,931	5,599	10.5770	(528)	6,126	(33)	6,094	11.5122	0.995	9%
99	Total Rate E10 - East		265,469	19,373	7.2976	(10,226)	29,599	(99)	29,501	11.1128	0.997	52%
100	Total Rate E10 - Central		1,294,509	60,791	4.6961	(4,028)	64,819	(719)	64,100	4.9517	0.989	5%
101	Total Rate E10 - South		1,311,595	81,681	6.2276	(5,513)	87,194	(395)	86,799	6.6178	0.995	6%
Rate E20												
Transportation												
102	Monthly Customer Charge	bills	960				5,702	(2,822)	2,880	\$3,000.00	0.505	
103	Transportation Commodity	10³m³	3,996,534				-	-	-	-	-	
104	Customer Supplied Fuel - Transportation						4,316	-	4,316	0.755%		
	Transportation Demand Charge - Firm											
105	up to 30,000 m³	10³m³/d	26,927				9,539	(52)	9,486	35.2288		
106	next 120,000 m³	10³m³/d	50,942				12,087	(135)	11,952	23.4610		
107	over 150,000 m³	10³m³/d	136,172				26,820	(395)	26,424	19.4052		
108	Transportation Demand Charge - Firm		214,042				48,445	(583)	47,862	22.3611	0.988	
109	Transportation Demand Charge - IT	10³m³/d	34,997				334	-	334	0.9557	1.000	
110	Pre-authorized Interruptible	10³m³	13,096				-	4	4	0.0314		
111	Central Transportation Charge	10³m³	-									
112	Total Transportation		4,009,630				58,798	(3,401)	55,397	1.3816	0.942	
Storage												
113	Space Demand	GJ/d/mo.	102,195,366				1,749	(221)	1,528	0.015	0.874	
	Firm Injection/Withdrawal Right							-	-			
114	Union provides deliverability inventory	GJ/d/mo.	2,690,346				4,557	2,366	6,923	2.573	1.519	
115	Customer provides deliverability inventory	GJ/d/mo.	910,476				1,542	639	2,181	2.395	1.414	
116	Firm incremental injection	GJ/d/mo.	12,000				20	8	29	2.395	1.414	
117	Injection/Withdrawal Commodity (Customer Provides)	GJ	22,553,385				-	-	-	-	-	
118	Customer Supplied Fuel - Storage						658	-	658	0.799%		
119	Total Storage		4,009,630				8,526	2,792	11,318	0.2823	1.328	
120	Total Rate E20		4,009,630	70,375	1.7551	3,052	67,323	(609)	66,715	1.6639	0.991	-5%

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

		Current Approved				Proposed						
Line No.	Particulars	Billing Units	2024 Forecast Usage (a)	Revenue (\$000s) (b)	Rates (cents/m³) (c)	Revenue (Deficiency) / Sufficiency (\$000s) (d) = (b - e)	Revenue Requirement (\$000s) (e)	Revenue (Deficiency) / Sufficiency (\$000s) (f) = (g - e)	Revenue (1) (\$000s) (g)	Rates (cents/m³) (h)	Revenue-to-Cost Ratios (i) = (g / e)	Rate Change (%) (j) = (h - c) / (c)
Rate E22 - Unbundled												
Monthly Customer Charge												
121	North	bills	456				1,351	(667)	684	\$1,500.00	0.506	
122	East	bills	132				391	(193)	198	\$1,500.00	0.506	
Transportation Commodity												
123	North	10³m³	673,314				450	-	450	0.0668	1.000	
124	East	10³m³	308,239				206	-	206	0.0668	1.000	
Transportation Demand Charge - Firm - North												
125	up to 30,000 m³	10³m³/d	10,254				2,416	242	2,657	25.9152		
126	over 30,000 m³	10³m³/d	32,681				3,917	379	4,296	13.1460		
127	Transportation Demand Charge - Firm - North		42,935				6,333	621	6,954	16.1956	1.098	
Transportation Demand Charge - Firm - East												
128	up to 30,000 m³	10³m³/d	3,059				772	21	793	25.9152		
129	over 30,000 m³	10³m³/d	16,712				2,144	53	2,197	13.1460		
130	Transportation Demand Charge - Firm - East		19,771				2,916	74	2,990	15.1217	1.025	
Transportation Demand Charge - IT												
131	North	10³m³/d	37,579				330	-	330	0.8794	1.000	
132	East	10³m³/d	30,358				267	-	267	0.8794	1.000	
			67,936									
133	Pre-authorized Interruptible	10³m³	-				-	-	-	0.0958		
134	Total Rate E22		981,552	22,727	2.3154	10,483	12,244	(165)	12,079	1.2306	0.986	(47%)
135	Total Rate E20 - North		673,314	16,243	2.4124	7,779	8,464	(46)	8,418	1.2503	0.9946	(48%)
136	Total Rate E20 - East		308,239	6,484	2.1037	2,704	3,780	(119)	3,661	1.1876	0.9684	(44%)

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Line No.	Particulars	Billing Units	2024 Forecast Usage	Current Approved		Revenue (Deficiency) / Sufficiency		Proposed		Revenue (1)		Revenue-to-Cost Ratios	Rate Change (%)
				Revenue (\$000s)	Rates (cents/m ³)	Revenue (\$000s)	(d) = (b - e)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (1) (\$000s)	Rates (cents/m ³)		
			(a)	(b)	(c)	(d) = (b - e)		(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
Rate E24													
Monthly Customer Charge													
137	North	bills	12					167	-	167	\$13,878.48	1.000	
138	East	bills	24					333	-	333	\$13,878.48	1.000	
139	Central	bills	48					666	-	666	\$13,878.48	1.000	
140	South	bills	84					1,166	-	1,166	\$13,878.48	1.000	
Transportation Commodity													
141	North	10 ³ m ³	545,675					29	-	29	0.0053	1.000	
142	East	10 ³ m ³	464,055					25	-	25	0.0053	1.000	
143	Central	10 ³ m ³	824,971					44	-	44	0.0053	1.000	
144	South	10 ³ m ³	1,427,303					76	-	76	0.0053	1.000	
Customer Supplied Fuel - Transportation													
145	North							330	-	330	0.425%		
146	East							281	-	281	0.425%		
147	Central							191	-	191	0.425%		
148	South							864	-	864	0.425%		
Transportation Demand (Firm)													
149	North	10 ³ m ³ /d	16,800					1,943	(22)	1,920	11.4309	0.989	
150	East	10 ³ m ³ /d	45,720					5,287	(61)	5,226	11.4309	0.989	
151	Central	10 ³ m ³ /d	111,124					12,850	(147)	12,702	11.4309	0.989	
152	South	10 ³ m ³ /d	121,211					14,016	(161)	13,856	11.4309	0.989	
Transportation Demand (IT)													
153	North	10 ³ m ³ /d	31,704					230	-	230	0.7270	1.000	
154	East	10 ³ m ³ /d	109,999					800	-	800	0.7270	1.000	
155	Central	10 ³ m ³ /d	-					-	-	-	0.7270	-	
156	South	10 ³ m ³ /d	21,954					160	-	160	0.7270	1.000	
157	Pre-authorized Interruptible	10 ³ m ³	-					-	-	-	0.0292		
158	South Transportation Demand	10 ³ m ³ /d	121,211					7,566	-	7,566	6.2419	1.000	
159	South Transportation CSF		1,427,303					582	-	582	0.286%	1.000	
160	Total Rate E24		3,262,003	58,362	1.7891	10,757		47,605	(391)	47,214	1.4474	0.992	(19%)
161	Total Rate E24 - North		545,675	6,323	1.1587	3,623		2,699	(22)	2,677	0.4906	0.992	(58%)
162	Total Rate E24 - East		464,055	12,534	2.7010	5,809		6,725	(61)	6,665	1.4362	0.991	(47%)
163	Total Rate E24 - Central		824,971	13,320	1.6146	(431)		13,751	(147)	13,603	1.6489	0.989	2%
164	Total Rate E24 - South		1,427,303	26,185	1.8346	1,755		24,430	(161)	24,269	1.7004	0.993	(7%)

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

		Current Approved					Proposed						
Line No.	Particulars	Billing Units	2024 Forecast Usage (a)	Revenue (\$000s) (b)	Rates (cents/m ³) (c)	Revenue (Deficiency) / Sufficiency (\$000s) (d) = (b - e)	Revenue Requirement (\$000s) (e)	Revenue (Deficiency) / Sufficiency (\$000s) (f) = (g - e)	Revenue (1) (\$000s) (g)	Rates (cents/m ³) (h)	Revenue-to-Cost Ratios (i) = (g / e)	Rate Change (%) (j) = (h - c) / (c)	
Rate E30													
Monthly Customer Charge													
165	North	bills	-				-	-	-	\$500.00	-		
166	East	bills	48				145	(121)	24	\$500.00	0.166		
167	Central	bills	144				434	(362)	72	\$500.00	0.166		
168	South	bills	432				1,301	(1,085)	216	\$500.00	0.166		
Delivery Commodity													
169	North	10 ³ m ³	5,488				4	-	4	0.0668	1.000		
170	East	10 ³ m ³	38,112				25	-	25	0.0668	1.000		
171	Central	10 ³ m ³	301,070				201	-	201	0.0668	1.000		
172	South	10 ³ m ³	129,360				86	-	86	0.0668	1.000		
Delivery Demand (Interruptible)													
173	North	10 ³ m ³ /d	1,631				54	-	54	3.2813	1.000		
174	East	10 ³ m ³ /d	6,968				278	317	594	8.5260	2.140		
175	Central	10 ³ m ³ /d	30,650				1,139	1,257	2,396	7.8171	2.103		
176	South	10 ³ m ³ /d	21,710				848	1,080	1,928	8.8793	2.273		
Delivery Demand (Firm)													
177	North	10 ³ m ³ /d	-				-	-	-	66.8504	-		
178	East	10 ³ m ³ /d	-				-	-	-	60.0546	-		
179	Central	10 ³ m ³ /d	-				-	-	-	64.5654	-		
180	South	10 ³ m ³ /d	17				23	(12)	11	63.8799	0.475		
181	Total Delivery		474,030				4,537	1,074	5,611	1.1837	1.237		
Gas Supply Transportation Charge													
Transportation													
182	North	10 ³ m ³	5,488				95	-	95	1.7240	1.000		
183	East	10 ³ m ³	38,112				1,737	-	1,737	4.5572	1.000		
184	Central	10 ³ m ³	301,070				1,341	-	1,341	0.4454	1.000		
185	South	10 ³ m ³	129,360				152	-	152	0.1173	1.000		
Transportation - Western													
186	North	10 ³ m ³	-				-	-	-	4.3159	-		
187	East	10 ³ m ³	-				-	-	-	7.1491	-		
188	Central	10 ³ m ³	-				-	-	-	3.0373	-		
189	South	10 ³ m ³	-				-	-	-	2.7092	-		
190	Gas Supply Transportation Charge		474,030				3,324	-	3,324	0.7012	1.000		
Gas Supply Commodity Charge													
191	North	10 ³ m ³	5,488				737	-	737	13.4319	1.000		
192	East	10 ³ m ³	214				23	-	23	10.5971	1.001		
193	Central	10 ³ m ³	5,934				872	-	872	14.6888	1.000		
194	South	10 ³ m ³	1,860				292	-	292	15.6943	1.000		
195	Total Rate E30		474,030	8,683	1.8317	(1,102)	9,785	1,074	10,858	2.2907	1.110	25%	
196	Total Rate E30 - North		5,488	818	14.9104	(71)	889	-	888.97	16.1976	1.000	9%	
197	Total Rate E30 - East		38,112	603	1.5810	(1,605)	2,207	196	2,403	6.3055	1.089	299%	
198	Total Rate E30 - Central		301,070	2,189	0.7271	(1,798)	3,987	895	4,882	1.6216	1.225	123%	
199	Total Rate E30 - South		129,360	5,073	3.9214	2,371	2,702	(17)	2,685	2.0754	0.994	(47%)	

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Line No.	Particulars	Billing Units	2024 Forecast Usage	Current Approved			Proposed					
				Revenue (\$000s)	Rates (cents/m ³)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue Requirement (\$000s)	Revenue (Deficiency) / Sufficiency (\$000s)	Revenue (1) (\$000s)	Rates (cents/m ³)	Revenue-to-Cost Ratios	Rate Change (%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
Rate E34												
Monthly Customer Charge												
201	North	bills	-				-	-	-	\$500.00	-	
202	East	bills	96				261	(213)	48	\$500.00	0.184	
203	Central	bills	396				1,078	(880)	198	\$500.00	0.184	
204	South	bills	-				-	-	-	\$500.00	-	
Delivery Commodity												
205	North	10 ³ m ³	-				-	-	-	0.0668	-	
206	East	10 ³ m ³	8,462				6	-	6	0.0668	1.000	
207	Central	10 ³ m ³	44,185				30	-	30	0.0668	1.000	
208	South	10 ³ m ³	2,174				1	-	1	0.0668	1.000	
Delivery Demand												
209	North	10 ³ m ³ /d	-				-	-	-	4.6875	-	
210	East	10 ³ m ³ /d	1,600				177	17	195	12.1596	1.097	
211	Central	10 ³ m ³ /d	9,454				1,071	(18)	1,054	11.1451	0.984	
212	South	10 ³ m ³ /d	952				105	15	120	12.6273	1.143	
213	Total Delivery		54,821				2,729	(1,078)	1,651	3.0118	0.605	
Gas Supply Transportation Charge												
Transportation												
214	North	10 ³ m ³	-				-	-	-	1.7162	-	
215	East	10 ³ m ³	8,462				385	-	385	4.5494	1.000	
216	Central	10 ³ m ³	44,185				197	-	197	0.4454	1.000	
217	South	10 ³ m ³	2,174				3	-	3	0.1170	1.000	
Transportation - Western												
219	North	10 ³ m ³	-				-	-	-	2.5919	-	
220	East	10 ³ m ³	-				-	-	-	7.1413	-	
221	Central	10 ³ m ³	-				-	-	-	3.0373	-	
222	South	10 ³ m ³	-				-	-	-	2.7089	-	
223	Gas Supply Transportation Charge		54,821				584	-	584	1.0658	1.000	
Gas Supply Commodity Charge												
224	North	10 ³ m ³	-				-	-	-	13.4319	-	
225	East	10 ³ m ³	489				52	-	52	10.5971	1.001	
226	Central	10 ³ m ³	3,902				573	-	573	14.6888	1.000	
227	South	10 ³ m ³	2,174				341	-	341	15.6943	1.000	
228	Total Rate E34		54,821	3,064	5.5896	(1,216)	4,280	(1,078)	3,202	5.8402	0.748	4%
229	Total Rate E34 - North		-	-	-	-	-	-	-	-	-	-
230	Total Rate E34 - East		8,462	386	4.5574	(495)	881	(196)	685	8.0958	0.778	78%
231	Total Rate E34 - Central		44,185	2,289	5.1806	(660)	2,949	(897)	2,051	4.6422	0.696	(10%)
232	Total Rate E34 - South		2,174	390	17.9182	(61)	450	15	465	21.4077	1.033	19%

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Line No.	Particulars	Billing Units	2024 Forecast Usage (a)	Current Approved			Proposed					Rate Change (%) (j)
				Revenue (\$000s) (b)	Rates (cents/m ³) (c)	Revenue (Deficiency) / Sufficiency (\$000s) (d) = (b - e)	Revenue Requirement (\$000s) (e)	Revenue (Deficiency) / Sufficiency (\$000s) (f) = (g - e)	Revenue (1) (\$000s) (g)	Rates (cents/m ³) (h)	Revenue-to-Cost Ratios (i) = (g / e)	
	Rate E38 Storage											
	Space Demand											
233	North	GJ/d/mo.	11,791,272				213	(37)	176	0.015	0.827	
234	South	GJ/d/mo.	29,220,408				509	(73)	437	0.015	0.858	
	Firm Injection/Withdrawal Right											
	Union provides deliverability inventory											
235	North	GJ/d/mo.	141,504				331	33	364	2.573	1.100	
236	South	GJ/d/mo.	381,888				915	68	983	2.573	1.074	
237	Customer provides deliverability inventory	GJ/d/mo.	-				-	-	-	2.395	-	
238	Firm incremental injection	GJ/d/mo.	-				-	-	-	2.395	-	
239	Injection/Withdrawal Commodity (Customer Provides)	GJ	12,157,001				-	-	-	-	-	
	Customer Supplied Fuel - Storage											
240	North		522,359				15	-	15	0.008	1.002	
241	South		11,634,642				339	-	339	0.008	1.000	
	Transportation Demand											
242	North	GJ/d/mo.	141,504				2,019	158	2,176	15.379	1.078	
243	South	GJ/d/mo.	-				-	-	-	-	-	
	Transportation Commodity											
244	North	GJ	522,359				23	-	23	0.045	0.999	
245	South	GJ	-				-	-	-	-	-	
246	Total Rate E38		12,157,001	4,353	0.358	(12)	4,365	149	4,514	0.371	1.034	4%
247	Total Rate E38 - North		522,359	2,692	5.154	91	2,601	154	2,755	5.275	1.059	2%
248	Total Rate E38 - South		11,634,642	1,661	0.143	(103)	1,763	(4)	1,759	0.151	0.997	6%

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Current Approved						Proposed						
Line		Billing	2024	Revenue	Rates	Revenue	Revenue	Revenue	Rates	Revenue-	Rate	
No.	Particulars	Units	Forecast	(\$000s)	(cents/m ³)	(Deficiency) / Sufficiency (\$000s)	Requirement (\$000s)	(Deficiency) / Sufficiency (\$000s)	(1) (\$000s)	(cents/m ³)	-to-Cost Ratios (l) = (g / e)	Change (j) = (h - c) / (c)
			Usage (a)	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)		(%)
Rate E62												
Monthly Customer Charge												
249	North	bills	-				-	-	-	\$500.00	-	
250	East	bills	12				39	(33)	6	\$500.00	0.155	
251	Central	bills	-				-	-	-	\$500.00	-	
252	South	bills	48				155	(131)	24	\$500.00	0.155	
Delivery Commodity												
253	North	10 ³ m ³	-				-	-	-	0.0668	-	
254	East	10 ³ m ³	188,852				126	-	126	0.0668	1.000	
255	Central	10 ³ m ³	-				-	-	-	0.0668	-	
256	South	10 ³ m ³	90,073				60	-	60	0.0668	1.000	
Delivery Demand												
257	North	10 ³ m ³ /d	-				-	-	-	-	-	
258	East	10 ³ m ³ /d	15,025				4,042	(86)	3,956	26.3336	0.979	
259	Central	10 ³ m ³ /d	-				-	-	-	-	-	
260	South	10 ³ m ³ /d	6,040				1,556	77	1,633	27.0318	1.050	
261	Total Delivery		278,926				5,978	(172)	5,806	2.0815	0.971	
Gas Supply Transportation Charge												
Transportation												
262	North	10 ³ m ³	-				-	-	-	-	-	
263	East	10 ³ m ³	188,850				14,099	-	14,099	7.4659	1.000	
264	Central	10 ³ m ³	-				-	-	-	-	-	
265	South	10 ³ m ³	90,073				182	-	182	0.2023	1.000	
Transportation - Western												
267	North	10 ³ m ³	-				-	-	-	2.5919	-	
268	East	10 ³ m ³	2				0	-	0	10.0578	1.000	
269	Central	10 ³ m ³	-				-	-	-	2.5919	-	
270	South	10 ³ m ³	-				-	-	-	2.7942	-	
271	Gas Supply Transportation Charge		278,926				14,282	-	14,282	5.1203	1.000	
Gas Supply Commodity Charge												
272	North	10 ³ m ³	-				-	-	-	13.4319	-	
273	East	10 ³ m ³	140,306				14,848	21	14,868	10.5971	1.001	
274	Central	10 ³ m ³	-				-	-	-	14.6888	-	
275	South	10 ³ m ³	15,795				2,479	(0)	2,479	15.6943	1.000	
276	Total Rate E62		278,926	33,816	12.1237	(3,770)	37,586	(151)	37,435	13.4211	0.996	11%
277	Total Rate E62- North		-	-	-	-	-	-	-	-	-	-
278	Total Rate E62 - East		188,852	29,316	15.5231	(3,839)	33,154	(98)	33,056	17.5039	0.997	13%
279	Total Rate E62 - Central		-	-	-	-	-	-	-	-	-	-
280	Total Rate E62 - South		90,073	4,500	4.9963	68	4,432	(54)	4,378	4.8608	0.988	(3%)

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution with Panhandle/St. Clair Adjustment
In-franchise

Current Approved						Proposed						
Line		Billing	2024 Forecast	Revenue	Rates	Revenue (Deficiency) / Sufficiency	Revenue Requirement	Revenue (Deficiency) / Sufficiency	Revenue (1)	Rates	Revenue-to-Cost	Rate Change
No.	Particulars	Units	Usage	(\$000s)	(cents/m ³)	(\$000s)	(\$000s)	(\$000s)	(\$000s)	(cents/m ³)	Ratios	(%)
			(a)	(b)	(c)	(d) = (b - e)	(e)	(f) = (g - e)	(g)	(h)	(i) = (g / e)	(j) = (h - c) / (c)
Rate E64												
Transportation												
281	Monthly Customer Charge	bills	12				345	-	345	\$28,710.31		
282	Transportation Commodity	10 ³ m ³	249,200				-	-	-	-		
283	Customer Supplied Fuel - Transportation						268	(0)	268	0.755%	0.999	
284	Transportation Demand Charge - Firm	10 ³ m ³ /d	28,200				6,337	(195)	6,142	21.7798		
285	Total Transportation		249,200				6,950	(195)	6,754	2.7104	0.972	
Storage												
286	Space Demand	GJ/d/mo.	38,472,252				662	(87)	575	0.015		
	Firm Injection/Withdrawal Right											
287	Union provides deliverability inventory	GJ/d/mo.	-				-	-	-	2.573		
288	Customer provides deliverability inventory	GJ/d/mo.	649,668				1,556	-	1,556	2.395		
289	Firm incremental injection	GJ/d/mo.	-				-	-	-	2.395		
290	Injection/Withdrawal Commodity (Customer Provides)	GJ	6,433,274				-	-	-	-		
291	Customer Supplied Fuel - Storage		-				188	(0)	188	0.799%	1.000	
292	Total Storage		249,200				2,406	(87)	2,319	0.9305	0.964	
293	Total Rate E64		249,200	8,386	3.3650	(970)	9,355	(282)	9,073	3.6409	0.970	8%
294	Total In-franchise			5,097,046		(11,524)	5,108,570	(19,201)	5,089,369			
295	Total In-franchise - North			365,694		47,304	318,390	(778)	317,612			
296	Total In-franchise - East			663,573		(77,579)	741,152	(1,887)	739,265			
297	Total In-franchise - Central			2,586,788		91,476	2,495,313	(11,429)	2,483,883			
298	Total In-franchise - South			1,480,992		(72,725)	1,553,717	(5,107)	1,548,609			

Notes:

(1) OGVG - Sept 10 - Attachment 5, column (h).

Derivation of Proposed Rates and Revenue by Rate Class - Four Rate Zones - With One Rate Zone Distribution
Ex-franchise

Line No.	Particulars	Billing Units	2024 Forecast Usage (a)	Current Approved			Proposed					
				Revenue (\$000s) (b)	Rates (cents/m ³) (c)	Revenue (Deficiency) / Sufficiency (\$000s) (d) = (b - e)	Revenue Requirement (\$000s) (e)	Revenue (Deficiency) / Sufficiency (\$000s) (f) = (g - e)	Revenue (1) (\$000s) (g)	Rates (cents/m ³) (h)	Revenue-to-Cost Ratios (i) = (g / e)	Rate Change (%) (j) = (h - c) / (c)
1	Rate E60											
	Monthly Fixed Charge	bills	12				-	25	25	\$2,112.14		
2	Demand:											
	Transportation	GJ/d/mo	8,863				314	-	314	2.951	1.000	
3	Total Rate E60		8,863	543	6.1313	230	314	25	339	3.8269	1.081	(38%)
	Rate E70											
	Demand:											
	Firm Transportation - Easterly Dawn Parkway											
4	Dawn to Parkway	GJ/d/mo	1,867,861				84,664	(11,427)	73,238	3.267	0.865	
5	- F24-T	GJ/d/mo	451,429				276	-	276	0.051	1.000	
6	Dawn to Kirkwall	GJ/d/mo	49,500				1,565	(213)	1,352	2.276	0.864	
7	- F24-T	GJ/d/mo	49,500				30	-	30	0.051	1.000	
8	Kirkwall to Parkway	GJ/d/mo	383,739				7,026	(836)	6,190	1.344	0.881	
9	Dawn to Owen Sound Line	GJ/d/mo	8,863				215	-	215	2.024	1.000	
	Firm Transportation - Westerly Dawn Parkway											
10	Parkway to Dawn/Kirkwall	GJ/d/mo	1,047,191				-	11,249	11,249	0.895		
11	Kirkwall to Dawn	GJ/d/mo	63,329				-	974	974	1.282		
12	E70-X (between Dawn, Kirkwall and Parkway)	GJ/d/mo	54,513				2,471	252	2,723	4.163	1.102	
	Firm Transportation - Other Paths											
13	To Dawn from St.Clair, Bluewater, and Ojibway	GJ/d/mo	36,927				-	509	509	1.149		
14	From Dawn to St.Clair, Bluewater, and Ojibway	GJ/d/mo	-				-	-	-	4.193		
15	Parkway to Albion King's North	GJ/d/mo	1,210,000				18,380	-	18,380	1.266	1.000	
16	Dawn to Dawn-Vector	GJ/d/mo	203,626				-	34	34	0.014		
17	- F24-T	GJ/d/mo	110,781				68	-	68	0.051	1.000	
18	Dawn to Dawn-TCPL	GJ/d/mo	500,000				-	141	141	0.021		
19	Short-term Transportation	GJ	45,665,000				17	12,797	12,814	-	759.654	
20	Corunna (ANR) to Dawn	GJ/d/mo	91,095				-	179	179	0.164		
21	Total Demand		51,793,354	142,270	0.2747	27,559	114,711	13,660	128,372	0.2479	1.119	(10%)
	Commodity											
22	Easterly - Providing Own Fuel	GJ	402,163,120				14,280	(0)	14,280	-	1.000	
23	Westerly - Providing Own Fuel	GJ	222,367,416				3,993	(0)	3,993	-	1.000	
24	Short-term Transportation - Utility Providing Fuel	GJ					2,016	(0)	2,016	-	1.000	
25	Total Commodity		624,530,536	16,203	0.0026	(4,086)	20,289	(0)	20,289	0.0032	1.000	25%
26	Total Rate E70		676,323,890	158,474	0.0234	23,473	135,000	13,660	148,661	0.0220	1.101	(6%)

Derivation of Proposed Rates and Revenue by Rate Class												
Ex-franchise												

Notes:
(1) OGVG - Sept 10 - Attachment 5, column (h).

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate 1 to Rate E01 Central</u>	Demand 24 m ³ Annual Volume 2,400 m ³						
1	Delivery Charges	552	22.9924	535	22.2920	(17)	(3.0%)	(3.0%)
2	Federal Carbon Charge	366	15.2500	366	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	117	4.8806	21	0.8924	(96)	(81.7%)	(81.7%)
4	Gas Supply Commodity	252	10.4826	353	14.6888	101	40.1%	40.1%
5	Total Bill - Sales Service	1,287	53.6056	1,275	53.1231	(12)	(0.9%)	(1.3%)
6	Total Bill - Bundled Direct Purchase WTS	1,387	57.8119	1,337	55.7150	(50)	(3.6%)	(4.9%)
7	Bundled Direct Purchase Impact WTS						(4.9%)	(7.5%)
8	Total Bill - Bundled Direct Purchase DTS	1,293	53.8713	1,275	53.1231	(18)	(1.4%)	(1.9%)
9	Bundled Direct Purchase Impact DTS						(1.9%)	(3.1%)
	<u>Small Rate 1 to Rate E01 East</u>	Demand 24 m ³ Annual Volume 2,400 m ³						
10	Delivery Charges	552	22.9924	522	21.7355	(30)	(5.5%)	(5.5%)
11	Federal Carbon Charge	366	15.2500	366	15.2500	-	0.0%	0.0%
12	Gas Supply Transportation	117	4.8806	249	10.3808	132	112.7%	112.7%
13	Gas Supply Commodity	252	10.4826	254	10.5971	3	1.1%	1.1%
14	Total Bill - Sales Service	1,287	53.6056	1,391	57.9634	105	8.1%	11.4%
15	Total Bill - Bundled Direct Purchase WTS	1,289	53.7201	1,453	60.5553	164	12.7%	17.8%
16	Bundled Direct Purchase Impact WTS						15.9%	24.5%
17	Total Bill - Bundled Direct Purchase DTS	1,195	49.7795	1,391	57.9634	196	16.4%	23.7%
18	Bundled Direct Purchase Impact DTS						20.9%	34.2%
	<u>Large Rate 1 to Rate E01 Central</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
19	Delivery Charges	821	16.2702	740	14.6602	(81)	(9.9%)	(9.9%)
20	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
21	Gas Supply Transportation	246	4.8806	45	0.8924	(201)	(81.7%)	(81.7%)
22	Gas Supply Commodity	529	10.4826	741	14.6888	212	40.1%	40.1%
23	Total Bill - Sales Service	2,367	46.8834	2,296	45.4914	(70)	(3.0%)	(4.4%)
24	Total Bill - Bundled Direct Purchase WTS	2,579	51.0896	2,427	48.0833	(152)	(5.9%)	(8.4%)
25	Bundled Direct Purchase Impact WTS						(8.3%)	(14.2%)
26	Total Bill - Bundled Direct Purchase DTS	2,380	47.1490	2,296	45.4914	(84)	(3.5%)	(5.2%)
27	Bundled Direct Purchase Impact DTS						(5.1%)	(9.6%)
	<u>Large Rate 1 to Rate E01 East</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
28	Delivery Charges	821	16.2702	712	14.1037	(109)	(13.3%)	(13.3%)
29	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
30	Gas Supply Transportation	246	4.8806	524	10.3808	278	112.7%	112.7%
31	Gas Supply Commodity	529	10.4826	535	10.5971	6	1.1%	1.1%
32	Total Bill - Sales Service	2,367	46.8834	2,541	50.3316	174	7.4%	10.9%
33	Total Bill - Bundled Direct Purchase WTS	2,372	46.9979	2,672	52.9236	299	12.6%	18.7%
34	Bundled Direct Purchase Impact WTS						16.3%	28.0%
35	Total Bill - Bundled Direct Purchase DTS	2,174	43.0573	2,541	50.3316	367	16.9%	26.2%
36	Bundled Direct Purchase Impact DTS						22.4%	42.3%
	<u>Small Rate 6 to Rate E01 Central</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
37	Delivery Charges	1,524	30.1901	740	14.6602	(784)	(51.4%)	(51.4%)
38	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
39	Gas Supply Transportation	246	4.8806	45	0.8900	(201)	(81.7%)	(81.7%)
40	Gas Supply Commodity	530	10.5065	741	14.6888	211	39.8%	39.8%
41	Total Bill - Sales Service	3,071	60.8272	2,296	45.4914	(774)	(25.2%)	(33.6%)
42	Total Bill - Bundled Direct Purchase WTS	3,282	65.0095	2,427	48.0833	(854)	(26.0%)	(34.0%)
43	Bundled Direct Purchase Impact WTS						(33.6%)	(48.3%)
44	Total Bill - Bundled Direct Purchase DTS	3,083	61.0689	2,296	45.4914	(786)	(25.5%)	(34.0%)
45	Bundled Direct Purchase Impact DTS						(33.6%)	(50.0%)
	<u>Small Rate 6 to Rate E01 East</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
46	Delivery Charges	1,524	30.1901	712	14.1037	(812)	(53.3%)	(53.3%)
47	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
48	Gas Supply Transportation	246	4.8806	524	10.3800	278	112.7%	112.7%
49	Gas Supply Commodity	530	10.5065	535	10.5971	5	0.9%	0.9%
50	Total Bill - Sales Service	3,071	60.8272	2,541	50.3316	(530)	(17.3%)	(23.0%)
51	Total Bill - Bundled Direct Purchase WTS	3,075	60.9178	2,672	52.9236	(404)	(13.1%)	(17.5%)
52	Bundled Direct Purchase Impact WTS						(15.9%)	(22.8%)
53	Total Bill - Bundled Direct Purchase DTS	2,876	56.9772	2,541	50.3316	(335)	(11.7%)	(15.9%)
54	Bundled Direct Purchase Impact DTS						(14.3%)	(21.3%)
	<u>Average Rate 6 to Rate E02 Central</u>	Demand 206 m ³ Annual Volume 22,606 m ³						
55	Delivery Charges	3,046	13.4745	1,967	8.7014	(1,079)	(35.4%)	(35.4%)
56	Federal Carbon Charge	3,447	15.2500	3,447	15.2500	-	0.0%	0.0%
57	Gas Supply Transportation	1,103	4.8806	172	0.7600	(931)	(84.4%)	(84.4%)
58	Gas Supply Commodity	2,375	10.5065	3,321	14.6888	945	39.8%	39.8%
59	Total Bill - Sales Service	9,972	44.1116	8,907	39.4025	(1,065)	(10.7%)	(16.3%)
60	Total Bill - Bundled Direct Purchase WTS	10,917	48.2939	9,493	41.9944	(1,424)	(13.0%)	(19.1%)
61	Bundled Direct Purchase Impact WTS						(18.7%)	(34.3%)
62	Total Bill - Bundled Direct Purchase DTS	10,026	44.3533	8,907	39.4025	(1,119)	(11.2%)	(17.0%)
63	Bundled Direct Purchase Impact DTS						(16.7%)	(34.3%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 6 to Rate E02 East</u>	Demand 206 m ³ Annual Volume 22,606 m ³						
64	Delivery Charges	3,046	13.4745	1,855	8.2071	(1,191)	(39.1%)	(39.1%)
65	Federal Carbon Charge	3,447	15.2500	3,447	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	1,103	4.8806	2,537	11.2200	1,433	129.9%	129.9%
67	Gas Supply Commodity	2,375	10.5065	2,396	10.5971	20	0.9%	0.9%
68	Total Bill - Sales Service	9,972	44.1116	10,235	45.2750	263	2.6%	4.0%
69	Total Bill - Bundled Direct Purchase WTS	9,992	44.2021	10,821	47.8669	828	8.3%	12.7%
70	Bundled Direct Purchase Impact WTS						10.9%	20.0%
71	Total Bill - Bundled Direct Purchase DTS	9,102	40.2615	10,235	45.2750	1,133	12.5%	20.0%
72	Bundled Direct Purchase Impact DTS						16.9%	34.8%
	<u>Large Rate 6 to Rate E02 Central</u>	Demand 3,097 m ³ Annual Volume 339,124 m ³						
73	Delivery Charges	23,794	7.0162	24,620	7.2598	826	3.5%	3.5%
74	Federal Carbon Charge	51,716	15.2500	51,716	15.2500	-	0.0%	0.0%
75	Gas Supply Transportation	16,551	4.8806	2,585	0.7623	(13,966)	(84.4%)	(84.4%)
76	Gas Supply Commodity	35,630	10.5065	49,813	14.6888	14,183	39.8%	39.8%
77	Total Bill - Sales Service	127,692	37.6533	128,734	37.9608	1,043	0.8%	1.4%
78	Total Bill - Bundled Direct Purchase WTS	141,875	41.8357	137,524	40.5528	(4,351)	(3.1%)	(4.8%)
79	Bundled Direct Purchase Impact WTS						(4.7%)	(10.8%)
80	Total Bill - Bundled Direct Purchase DTS	128,511	37.8951	128,734	37.9608	223	0.2%	0.3%
81	Bundled Direct Purchase Impact DTS						0.3%	0.8%
	<u>Large Rate 6 to Rate E02 East</u>	Demand 3,097 m ³ Annual Volume 339,124 m ³						
82	Delivery Charges	23,794	7.0162	22,943	6.7654	(851)	(3.6%)	(3.6%)
83	Federal Carbon Charge	51,716	15.2500	51,716	15.2500	-	0.0%	0.0%
84	Gas Supply Transportation	16,551	4.8806	38,053	11.2209	21,501	129.9%	129.9%
85	Gas Supply Commodity	35,630	10.5065	35,937	10.5971	307	0.9%	0.9%
86	Total Bill - Sales Service	127,692	37.6533	148,650	43.8334	20,958	16.4%	27.6%
87	Total Bill - Bundled Direct Purchase WTS	127,999	37.7439	157,439	46.4253	29,441	23.0%	38.6%
88	Bundled Direct Purchase Impact WTS						32.0%	73.0%
89	Total Bill - Bundled Direct Purchase DTS	114,635	33.8033	148,650	43.8334	34,014	29.7%	54.1%
90	Bundled Direct Purchase Impact DTS						43.2%	126.1%
	<u>Small Rate 100 to Rate E10 Central</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
91	Delivery Charges	25,578	7.5410	26,290	7.7507	711	2.8%	2.8%
92	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
93	Gas Supply Transportation	16,554	4.8806	1,821	0.5369	(14,733)	(89.0%)	(89.0%)
94	Gas Supply Commodity	35,637	10.5065	49,823	14.6888	14,186	39.8%	39.8%
95	Total Bill - Sales Service	129,495	38.1781	129,660	38.2265	164	0.1%	0.2%
96	Total Bill - Bundled Direct Purchase WTS	143,681	42.3604	138,451	40.8184	(5,230)	(3.6%)	(5.7%)
97	Bundled Direct Purchase Impact WTS						(5.6%)	(12.4%)
98	Total Bill - Bundled Direct Purchase DTS	130,315	38.4198	129,660	38.2265	(656)	(0.5%)	(0.8%)
99	Bundled Direct Purchase Impact DTS						(0.8%)	(2.3%)
	<u>Small Rate 100 to Rate E10 East</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
100	Delivery Charges	25,578	7.5410	24,994	7.3688	(584)	(2.3%)	(2.3%)
101	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
102	Gas Supply Transportation	16,554	4.8806	20,549	6.0583	3,995	24.1%	24.1%
103	Gas Supply Commodity	35,637	10.5065	35,944	10.5971	307	0.9%	0.9%
104	Total Bill - Sales Service	129,495	38.1781	133,213	39.2741	3,718	2.9%	4.8%
105	Total Bill - Bundled Direct Purchase WTS	129,803	38.2687	142,005	41.8660	12,202	9.4%	15.6%
106	Bundled Direct Purchase Impact WTS						13.0%	29.0%
107	Total Bill - Bundled Direct Purchase DTS	116,437	34.3281	133,213	39.2741	16,776	14.4%	25.9%
108	Bundled Direct Purchase Impact DTS						20.8%	58.3%
	<u>Average Rate 100 to Rate E10 Central</u>	Demand 15,000 m ³ Annual Volume 598,567 m ³						
109	Delivery Charges	91,322	15.2567	106,791	17.8411	15,469	16.9%	16.9%
110	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
111	Gas Supply Transportation	29,214	4.8806	3,214	0.5369	(26,000)	(89.0%)	(89.0%)
112	Gas Supply Commodity	62,888	10.5065	87,922	14.6888	25,034	39.8%	39.8%
113	Total Bill - Sales Service	274,705	45.8938	289,209	48.3169	14,503	5.3%	7.9%
114	Total Bill - Bundled Direct Purchase WTS	299,739	50.0762	304,723	50.9088	4,984	1.7%	2.4%
115	Bundled Direct Purchase Impact WTS						2.4%	4.1%
116	Total Bill - Bundled Direct Purchase DTS	276,152	46.1356	289,209	48.3169	13,057	4.7%	7.1%
117	Bundled Direct Purchase Impact DTS						6.9%	13.5%
	<u>Average Rate 100 to Rate E10 East</u>	Demand 15,000 m ³ Annual Volume 598,567 m ³						
118	Delivery Charges	91,322	15.2567	100,298	16.7564	8,976	9.8%	9.8%
119	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
120	Gas Supply Transportation	29,214	4.8806	36,263	6.0583	7,049	24.1%	24.1%
121	Gas Supply Commodity	62,888	10.5065	63,431	10.5971	542	0.9%	0.9%
122	Total Bill - Sales Service	274,705	45.8938	291,273	48.6618	16,568	6.0%	9.0%
123	Total Bill - Bundled Direct Purchase WTS	275,248	45.9844	306,788	51.2537	31,540	11.5%	17.1%
124	Bundled Direct Purchase Impact WTS						14.9%	26.2%
125	Total Bill - Bundled Direct Purchase DTS	251,660	42.0438	291,273	48.6618	39,613	15.7%	24.7%
126	Bundled Direct Purchase Impact DTS						21.0%	40.9%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

EB-2024-0166 - Current Approved (1)(2)				EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
Line		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
No.	Particulars	(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Large Rate 100 to Rate E10 Central</u>	Demand 30,000 m ³ Annual Volume 1,500,000 m ³						
127	Delivery Charges	189,323	12.6215	197,007	13.1338	7,684	4.1%	4.1%
128	Federal Carbon Charge	228,750	15.2500	228,750	15.2500	-	0.0%	0.0%
129	Gas Supply Transportation	73,209	4.8806	8,054	0.5369	(65,155)	(89.0%)	(89.0%)
130	Gas Supply Commodity	157,598	10.5065	220,332	14.6888	62,735	39.8%	39.8%
131	Total Bill - Sales Service	648,879	43.2586	654,143	43.6096	5,264	0.8%	1.3%
132	Total Bill - Bundled Direct Purchase WTS	711,614	47.4409	693,022	46.2015	(18,592)	(2.6%)	(3.9%)
133	Bundled Direct Purchase Impact WTS						(3.8%)	(7.1%)
134	Total Bill - Bundled Direct Purchase DTS	652,505	43.5003	654,143	43.6096	1,639	0.3%	0.4%
135	Bundled Direct Purchase Impact DTS						0.4%	0.8%
	<u>Large Rate 100 to Rate E10 East</u>	Demand 30,000 m ³ Annual Volume 1,500,000 m ³						
136	Delivery Charges	189,323	12.6215	179,733	11.9822	(9,590)	(5.1%)	(5.1%)
137	Federal Carbon Charge	228,750	15.2500	228,750	15.2500	-	0.0%	0.0%
138	Gas Supply Transportation	73,209	4.8806	90,874	6.0583	17,665	24.1%	24.1%
139	Gas Supply Commodity	157,598	10.5065	158,956	10.5971	1,359	0.9%	0.9%
140	Total Bill - Sales Service	648,879	43.2586	658,313	43.8875	9,434	1.5%	2.2%
141	Total Bill - Bundled Direct Purchase WTS	650,238	43.3492	697,192	46.4795	46,954	7.2%	11.1%
142	Bundled Direct Purchase Impact WTS						9.6%	17.9%
143	Total Bill - Bundled Direct Purchase DTS	591,129	39.4086	658,313	43.8875	67,184	11.4%	18.5%
144	Bundled Direct Purchase Impact DTS						15.5%	33.0%
	<u>Small Rate 110 to Rate E10 Central</u>	Demand 3,292 m ³ Annual Volume 598,568 m ³						
145	Delivery Charges	25,839	4.3168	28,499	4.7613	2,660	10.3%	10.3%
146	Federal Carbon Charge	91,282	15.2500	91,282	15.2500	-	0.0%	0.0%
147	Gas Supply Transportation	29,214	4.8806	3,214	0.5369	(26,000)	(89.0%)	(89.0%)
148	Gas Supply Commodity	62,511	10.4435	87,923	14.6888	25,411	40.7%	40.7%
149	Total Bill - Sales Service	208,846	34.8909	210,917	35.2370	2,072	1.0%	1.8%
150	Total Bill - Bundled Direct Purchase WTS	234,257	39.1362	226,432	37.8289	(7,825)	(3.3%)	(5.5%)
151	Bundled Direct Purchase Impact WTS						(5.3%)	(14.2%)
152	Total Bill - Bundled Direct Purchase DTS	210,670	35.1956	210,917	35.2370	248	0.1%	0.2%
153	Bundled Direct Purchase Impact DTS						0.2%	0.8%
	<u>Small Rate 110 to Rate E10 East</u>	Demand 3,292 m ³ Annual Volume 598,568 m ³						
154	Delivery Charges	25,839	4.3168	26,989	4.5089	1,150	4.4%	4.4%
155	Federal Carbon Charge	91,282	15.2500	91,282	15.2500	-	0.0%	0.0%
156	Gas Supply Transportation	29,214	4.8806	36,263	6.0583	7,049	24.1%	24.1%
157	Gas Supply Commodity	62,511	10.4435	63,431	10.5971	919	1.5%	1.5%
158	Total Bill - Sales Service	208,846	34.8909	217,964	36.4143	9,118	4.4%	7.8%
159	Total Bill - Bundled Direct Purchase WTS	209,765	35.0445	233,478	39.0062	23,713	11.3%	20.0%
160	Bundled Direct Purchase Impact WTS						16.2%	43.1%
161	Total Bill - Bundled Direct Purchase DTS	186,178	31.1039	217,964	36.4143	31,786	17.1%	33.5%
162	Bundled Direct Purchase Impact DTS						25.9%	101.0%
	<u>Average Rate 110 to Rate E10 Central</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
163	Delivery Charges	248,847	2.4944	239,830	2.4040	(9,017)	(3.6%)	(3.6%)
164	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
165	Gas Supply Transportation	486,895	4.8806	53,566	0.5369	(433,329)	(89.0%)	(89.0%)
166	Gas Supply Commodity	1,041,856	10.4435	1,465,373	14.6888	423,517	40.7%	40.7%
167	Total Bill - Sales Service	3,298,956	33.0685	3,280,127	32.8798	(18,828)	(0.6%)	(1.1%)
168	Total Bill - Bundled Direct Purchase WTS	3,722,473	37.3138	3,538,699	35.4717	(183,774)	(4.9%)	(8.3%)
169	Bundled Direct Purchase Impact WTS						(8.1%)	(25.0%)
170	Total Bill - Bundled Direct Purchase DTS	3,329,354	33.3732	3,280,127	32.8798	(49,227)	(1.5%)	(2.7%)
171	Bundled Direct Purchase Impact DTS						(2.6%)	(14.4%)
	<u>Average Rate 110 to Rate E10 East</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
172	Delivery Charges	248,847	2.4944	215,603	2.1612	(33,244)	(13.4%)	(13.4%)
173	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
174	Gas Supply Transportation	486,895	4.8806	604,382	6.0583	117,487	24.1%	24.1%
175	Gas Supply Commodity	1,041,856	10.4435	1,057,177	10.5971	15,321	1.5%	1.5%
176	Total Bill - Sales Service	3,298,956	33.0685	3,398,520	34.0665	99,564	3.0%	5.6%
177	Total Bill - Bundled Direct Purchase WTS	3,314,277	33.2221	3,657,091	36.6585	342,815	10.3%	19.1%
178	Bundled Direct Purchase Impact WTS						15.2%	46.6%
179	Total Bill - Bundled Direct Purchase DTS	2,921,158	29.2815	3,398,520	34.0665	477,362	16.3%	34.1%
180	Bundled Direct Purchase Impact DTS						25.6%	139.3%
	<u>Large Rate 110 to Rate E10 Central</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
181	Delivery Charges	302,287	3.0301	337,681	3.3849	35,394	11.7%	11.7%
182	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
183	Gas Supply Transportation	486,895	4.8806	53,566	0.5369	(433,329)	(89.0%)	(89.0%)
184	Gas Supply Commodity	1,041,856	10.4435	1,465,373	14.6888	423,517	40.7%	40.7%
185	Total Bill - Sales Service	3,352,397	33.6042	3,377,979	33.8606	25,582	0.8%	1.4%
186	Total Bill - Bundled Direct Purchase WTS	3,775,914	37.8495	3,636,551	36.4526	(139,363)	(3.7%)	(6.2%)
187	Bundled Direct Purchase Impact WTS						(6.0%)	(17.7%)
188	Total Bill - Bundled Direct Purchase DTS	3,382,795	33.9089	3,377,979	33.8606	(4,816)	(0.1%)	(0.3%)
189	Bundled Direct Purchase Impact DTS						(0.3%)	(1.2%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Large Rate 110 to Rate E10 East</u>	Demand 53,871 m ³ Annual Volume 9,976,121m ³						
190	Delivery Charges	302,287	3.0301	298,410	2.9912	(3,878)	(1.3%)	(1.3%)
191	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
192	Gas Supply Transportation	486,895	4.8806	604,382	6.0583	117,487	24.1%	24.1%
193	Gas Supply Commodity	1,041,856	10.4435	1,057,177	10.5971	15,321	1.5%	1.5%
194	Total Bill - Sales Service	3,352,397	33.6042	3,481,327	34.8966	128,930	3.8%	7.0%
195	Total Bill - Bundled Direct Purchase WTS	3,367,718	33.7578	3,739,899	37.4885	372,181	11.1%	20.2%
196	Bundled Direct Purchase Impact WTS						16.1%	47.2%
197	Total Bill - Bundled Direct Purchase DTS	2,974,599	29.8172	3,481,327	34.8966	506,729	17.0%	34.9%
198	Bundled Direct Purchase Impact DTS						26.4%	127.9%
	<u>Small Rate 115 to Rate E10 Central</u>	Demand 15,300 m ³ Annual Volume 4,471,609 m ³						
199	Delivery Charges	86,590	1.9364	111,940	2.5033	25,350	29.3%	29.3%
200	Federal Carbon Charge	681,920	15.2500	681,920	15.2500	-	0.0%	0.0%
201	Gas Supply Transportation	218,241	4.8806	24,010	0.5369	(194,231)	(89.0%)	(89.0%)
202	Gas Supply Commodity	466,992	10.4435	656,826	14.6888	189,834	40.7%	40.7%
203	Total Bill - Sales Service	1,453,744	32.5105	1,474,696	32.9791	20,952	1.4%	2.7%
204	Total Bill - Bundled Direct Purchase WTS	1,643,578	36.7558	1,590,596	35.5710	(52,981)	(3.2%)	(5.5%)
205	Bundled Direct Purchase Impact WTS						(5.4%)	(17.4%)
206	Total Bill - Bundled Direct Purchase DTS	1,467,370	32.8152	1,474,696	32.9791	7,327	0.5%	0.9%
207	Bundled Direct Purchase Impact DTS						0.9%	5.7%
	<u>Small Rate 115 to Rate E10 East</u>	Demand 15,300 m ³ Annual Volume 4,471,609 m ³						
208	Delivery Charges	86,590	1.9364	105,317	2.3552	18,727	21.6%	21.6%
209	Federal Carbon Charge	681,920	15.2500	681,920	15.2500	-	0.0%	0.0%
210	Gas Supply Transportation	218,241	4.8806	270,903	6.0583	52,661	24.1%	24.1%
211	Gas Supply Commodity	466,992	10.4435	473,860	10.5971	6,867	1.5%	1.5%
212	Total Bill - Sales Service	1,453,744	32.5105	1,532,000	34.2606	78,256	5.4%	10.1%
213	Total Bill - Bundled Direct Purchase WTS	1,460,611	32.6641	1,647,900	36.8525	187,289	12.8%	24.1%
214	Bundled Direct Purchase Impact WTS						19.0%	61.4%
215	Total Bill - Bundled Direct Purchase DTS	1,284,403	28.7235	1,532,000	34.2606	247,597	19.3%	41.1%
216	Bundled Direct Purchase Impact DTS						30.5%	192.5%
	<u>Large Rate 115 to Rate E10 Central</u>	Demand 238,928 m ³ Annual Volume 69,832,850 m ³						
217	Delivery Charges	1,168,703	1.6736	1,423,488	2.0384	254,785	21.8%	21.8%
218	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
219	Gas Supply Transportation	3,408,262	4.8806	374,962	0.5369	(3,033,300)	(89.0%)	(89.0%)
220	Gas Supply Commodity	7,292,994	10.4435	10,257,615	14.6888	2,964,621	40.7%	40.7%
221	Total Bill - Sales Service	22,519,468	32.2477	22,705,574	32.5142	186,106	0.8%	1.6%
222	Total Bill - Bundled Direct Purchase WTS	25,484,089	36.4930	24,515,576	35.1061	(968,514)	(3.8%)	(6.5%)
223	Bundled Direct Purchase Impact WTS						(6.4%)	(21.2%)
224	Total Bill - Bundled Direct Purchase DTS	22,732,256	32.5524	22,705,574	32.5142	(26,682)	(0.1%)	(0.2%)
225	Bundled Direct Purchase Impact DTS						(0.2%)	(1.5%)
	<u>Large Rate 115 to Rate E10 East</u>	Demand 238,928 m ³ Annual Volume 69,832,850 m ³						
226	Delivery Charges	1,168,703	1.6736	1,226,174	1.7559	57,471	4.9%	4.9%
227	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
228	Gas Supply Transportation	3,408,262	4.8806	4,230,673	6.0583	822,411	24.1%	24.1%
229	Gas Supply Commodity	7,292,994	10.4435	7,400,240	10.5971	107,246	1.5%	1.5%
230	Total Bill - Sales Service	22,519,468	32.2477	23,506,597	33.6612	987,128	4.4%	8.3%
231	Total Bill - Bundled Direct Purchase WTS	22,626,715	32.4012	25,316,598	36.2531	2,689,884	11.9%	22.5%
232	Bundled Direct Purchase Impact WTS						17.7%	58.8%
233	Total Bill - Bundled Direct Purchase DTS	19,874,881	28.4606	23,506,597	33.6612	3,631,715	18.3%	39.4%
234	Bundled Direct Purchase Impact DTS						29.1%	199.0%
	<u>Average Rate 125 to Rate E24</u>	Demand 2,315,000 m ³ Annual Volume 206,000,000 m ³						
235	Delivery Charges	3,236,010	1.5709	3,509,791	1.7038	273,780	8.5%	8.5%
236	Federal Carbon Charge	31,415,000	15.2500	31,415,000	15.2500	-	0.0%	0.0%
237	Gas Supply Commodity	21,513,610	10.4435	30,258,948	14.6888	8,745,338	40.7%	40.7%
238	Total Bill - Sales Service	56,164,620	27.2644	65,183,739	31.6426	9,019,119	16.1%	36.4%
239	Total Bill - Unbundled Direct Purchase	64,909,958	31.5097	65,183,739	31.6426	273,780	0.4%	0.8%
240	Unbundled Direct Purchase Impact							
	<u>Average Rate 135 to Rate E34 Central</u>	Demand 8,180 m ³ Annual Volume 598,567 m ³						
241	Delivery Charges	22,648	3.7837	14,144	2.3629	(8,504)	(37.5%)	(37.5%)
242	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
243	Gas Supply Transportation	24,171	4.0381	2,666	0.4454	(21,505)	(89.0%)	(89.0%)
244	Gas Supply Commodity	62,559	10.4514	87,922	14.6888	25,364	40.5%	40.5%
245	Total Bill - Sales Service	200,659	33.5232	196,013	32.7471	(4,645)	(2.3%)	(4.2%)
246	Total Bill - Bundled Direct Purchase WTS	226,023	37.7606	211,528	35.3390	(14,495)	(6.4%)	(10.8%)
247	Bundled Direct Purchase Impact WTS						(10.5%)	(31.0%)
248	Total Bill - Bundled Direct Purchase DTS	202,435	33.8200	196,013	32.7471	(6,422)	(3.2%)	(5.8%)
249	Bundled Direct Purchase Impact DTS						(5.6%)	(27.6%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 135 to Rate E34 East</u>	Demand 8,180 m ³ Annual Volume 598,567 m ³						
250	Delivery Charges	22,648	3.7837	14,841	2.4794	(7,807)	(34.5%)	(34.5%)
251	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
252	Gas Supply Transportation	24,171	4.0381	27,231	4.5494	3,060	12.7%	12.7%
253	Gas Supply Commodity	62,559	10.4514	63,431	10.5971	872	1.4%	1.4%
254	Total Bill - Sales Service	200,659	33.5232	196,784	32.8758	(3,875)	(1.9%)	(3.5%)
255	Total Bill - Bundled Direct Purchase WTS	201,531	33.6689	212,298	35.4677	10,767	5.3%	9.8%
256	Bundled Direct Purchase Impact WTS						7.8%	23.0%
257	Total Bill - Bundled Direct Purchase DTS	177,944	29.7283	196,784	32.8758	18,840	10.6%	21.7%
258	Bundled Direct Purchase Impact DTS						16.5%	81.1%
	<u>Small Rate 145 to Rate E30 Central</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
259	Delivery Charges	15,264	4.5002	9,083	2.6778	(6,181)	(40.5%)	(40.5%)
260	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
261	Gas Supply Transportation	14,696	4.3327	1,511	0.4454	(13,185)	(89.7%)	(89.7%)
262	Gas Supply Commodity	35,437	10.4475	49,823	14.6888	14,386	40.6%	40.6%
263	Total Bill - Sales Service	117,123	34.5304	112,142	33.0620	(4,981)	(4.3%)	(7.6%)
264	Total Bill - Bundled Direct Purchase WTS	131,509	38.7717	120,934	35.6539	(10,575)	(8.0%)	(13.3%)
265	Bundled Direct Purchase Impact WTS						(12.9%)	(35.3%)
266	Total Bill - Bundled Direct Purchase DTS	118,143	34.8311	112,142	33.0620	(6,001)	(5.1%)	(9.0%)
267	Bundled Direct Purchase Impact DTS						(8.8%)	(36.2%)
	<u>Small Rate 145 to Rate E30 East</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
268	Delivery Charges	15,264	4.5002	9,337	2.7529	(5,927)	(38.8%)	(38.8%)
269	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
270	Gas Supply Transportation	14,696	4.3327	15,457	4.5572	761	5.2%	5.2%
271	Gas Supply Commodity	35,437	10.4475	35,944	10.5971	507	1.4%	1.4%
272	Total Bill - Sales Service	117,123	34.5304	112,465	33.1571	(4,658)	(4.0%)	(7.1%)
273	Total Bill - Bundled Direct Purchase WTS	117,630	34.6800	121,256	35.7490	3,626	3.1%	5.5%
274	Bundled Direct Purchase Impact WTS						4.4%	12.1%
275	Total Bill - Bundled Direct Purchase DTS	104,264	30.7394	112,465	33.1571	8,201	7.9%	15.6%
276	Bundled Direct Purchase Impact DTS						12.0%	49.4%
	<u>Large Rate 145 to Rate E30 Central</u>	Demand 4,489 m ³ Annual Volume 598,567 m ³						
277	Delivery Charges	24,781	4.1401	10,697	1.7870	(14,084)	(56.8%)	(56.8%)
278	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
279	Gas Supply Transportation	25,934	4.3327	2,666	0.4454	(23,268)	(89.7%)	(89.7%)
280	Gas Supply Commodity	62,535	10.4475	87,922	14.6888	25,387	40.6%	40.6%
281	Total Bill - Sales Service	204,532	34.1702	192,566	32.1712	(11,965)	(5.9%)	(10.6%)
282	Total Bill - Bundled Direct Purchase WTS	229,919	38.4115	208,080	34.7631	(21,838)	(9.5%)	(15.8%)
283	Bundled Direct Purchase Impact WTS						(15.4%)	(43.1%)
284	Total Bill - Bundled Direct Purchase DTS	206,332	34.4709	192,566	32.1712	(13,765)	(6.7%)	(12.0%)
285	Bundled Direct Purchase Impact DTS						(11.6%)	(50.7%)
	<u>Large Rate 145 to Rate E30 East</u>	Demand 4,489 m ³ Annual Volume 598,567 m ³						
286	Delivery Charges	24,781	4.1401	11,078	1.8508	(13,703)	(55.3%)	(55.3%)
287	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
288	Gas Supply Transportation	25,934	4.3327	27,278	4.5572	1,344	5.2%	5.2%
289	Gas Supply Commodity	62,535	10.4475	63,431	10.5971	895	1.4%	1.4%
290	Total Bill - Sales Service	204,532	34.1702	193,068	32.2551	(11,463)	(5.6%)	(10.1%)
291	Total Bill - Bundled Direct Purchase WTS	205,427	34.3198	208,582	34.8470	3,155	1.5%	2.8%
292	Bundled Direct Purchase Impact WTS						2.2%	6.2%
293	Total Bill - Bundled Direct Purchase DTS	181,840	30.3792	193,068	32.2551	11,228	6.2%	12.4%
294	Bundled Direct Purchase Impact DTS						9.5%	41.4%
	<u>Small Rate 170 to Rate E30 Central</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
295	Delivery Charges	89,198	0.8941	48,253	0.4837	(40,945)	(45.9%)	(45.9%)
296	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
297	Gas Supply Transportation	366,634	3.6751	44,429	0.4454	(322,205)	(87.9%)	(87.9%)
298	Gas Supply Commodity	1,041,856	10.4435	1,465,373	14.6888	423,517	40.7%	40.7%
299	Total Bill - Sales Service	3,019,047	30.2627	3,079,413	30.8678	60,367	2.0%	4.0%
300	Total Bill - Bundled Direct Purchase WTS	3,442,564	34.5080	3,337,985	33.4597	(104,579)	(3.0%)	(5.4%)
301	Bundled Direct Purchase Impact WTS						(5.3%)	(22.9%)
302	Total Bill - Bundled Direct Purchase DTS	3,049,445	30.5674	3,079,413	30.8678	29,968	1.0%	2.0%
303	Bundled Direct Purchase Impact DTS						1.9%	47.8%
	<u>Small Rate 170 to Rate E30 East</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
304	Delivery Charges	89,198	0.8941	51,350	0.5147	(37,848)	(42.4%)	(42.4%)
305	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
306	Gas Supply Transportation	366,634	3.6751	454,627	4.5572	87,992	24.0%	24.0%
307	Gas Supply Commodity	1,041,856	10.4435	1,057,177	10.5971	15,321	1.5%	1.5%
308	Total Bill - Sales Service	3,019,047	30.2627	3,084,512	30.9190	65,465	2.2%	4.4%
309	Total Bill - Bundled Direct Purchase WTS	3,034,368	30.4163	3,343,084	33.5109	308,716	10.2%	20.4%
310	Bundled Direct Purchase Impact WTS						15.6%	67.7%
311	Total Bill - Bundled Direct Purchase DTS	2,641,249	26.4757	3,084,512	30.9190	443,263	16.8%	39.6%
312	Bundled Direct Purchase Impact DTS						28.0%	706.8%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 170 to Rate E30 Central</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
313	Delivery Charges	98,868	0.9910	64,629	0.6478	(34,239)	(34.6%)	(34.6%)
314	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
315	Gas Supply Transportation	366,634	3.6751	44,429	0.4454	(322,205)	(87.9%)	(87.9%)
316	Gas Supply Commodity	1,041,856	10.4435	1,465,373	14.6888	423,517	40.7%	40.7%
317	Total Bill - Sales Service	3,028,717	30.3597	3,095,790	31.0320	67,073	2.2%	4.4%
318	Total Bill - Bundled Direct Purchase WTS	3,452,234	34.6050	3,354,362	33.6239	(97,872)	(2.8%)	(5.1%)
319	Bundled Direct Purchase Impact WTS						(4.9%)	(21.0%)
320	Total Bill - Bundled Direct Purchase DTS	3,059,115	30.6644	3,095,790	31.0320	36,675	1.2%	2.4%
321	Bundled Direct Purchase Impact DTS						2.3%	50.7%
	<u>Average Rate 170 to Rate E30 East</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
322	Delivery Charges	98,868	0.9910	69,212	0.6938	(29,656)	(30.0%)	(30.0%)
323	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
324	Gas Supply Transportation	366,634	3.6751	454,627	4.5572	87,992	24.0%	24.0%
325	Gas Supply Commodity	1,041,856	10.4435	1,057,177	10.5971	15,321	1.5%	1.5%
326	Total Bill - Sales Service	3,028,717	30.3597	3,102,374	31.0980	73,657	2.4%	4.9%
327	Total Bill - Bundled Direct Purchase WTS	3,044,038	30.5132	3,360,946	33.6899	316,908	10.4%	20.8%
328	Bundled Direct Purchase Impact WTS						16.0%	68.1%
329	Total Bill - Bundled Direct Purchase DTS	2,650,919	26.5726	3,102,374	31.0980	451,455	17.0%	40.0%
330	Bundled Direct Purchase Impact DTS						28.3%	623.7%
	<u>Large Rate 170 to Rate E30 Central</u>	Demand 255,089 m ³ Annual Volume 69,832,850 m ³						
331	Delivery Charges	601,902	0.8619	301,953	0.4324	(299,948)	(49.8%)	(49.8%)
332	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
333	Gas Supply Transportation	2,566,441	3.6751	311,003	0.4454	(2,255,438)	(87.9%)	(87.9%)
334	Gas Supply Commodity	7,292,994	10.4435	10,257,615	14.6888	2,964,621	40.7%	40.7%
335	Total Bill - Sales Service	21,110,846	30.2305	21,520,081	30.8166	409,235	1.9%	3.9%
336	Total Bill - Bundled Direct Purchase WTS	24,075,467	34.4758	23,330,083	33.4085	(745,385)	(3.1%)	(5.6%)
337	Bundled Direct Purchase Impact WTS						(5.4%)	(23.5%)
338	Total Bill - Bundled Direct Purchase DTS	21,323,634	30.5352	21,520,081	30.8166	196,447	0.9%	1.8%
339	Bundled Direct Purchase Impact DTS						1.8%	47.2%
	<u>Large Rate 170 to Rate E30 East</u>	Demand 255,089 m ³ Annual Volume 69,832,850 m ³						
340	Delivery Charges	601,902	0.8619	323,653	0.4635	(278,249)	(46.2%)	(46.2%)
341	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
342	Gas Supply Transportation	2,566,441	3.6751	3,182,388	4.5572	615,946	24.0%	24.0%
343	Gas Supply Commodity	7,292,994	10.4435	7,400,240	10.5971	107,246	1.5%	1.5%
344	Total Bill - Sales Service	21,110,846	30.2305	21,555,790	30.8677	444,943	2.1%	4.3%
345	Total Bill - Bundled Direct Purchase WTS	21,218,093	30.3841	23,365,791	33.4596	2,147,699	10.1%	20.3%
346	Bundled Direct Purchase Impact WTS						15.5%	67.8%
347	Total Bill - Bundled Direct Purchase DTS	18,466,259	26.4435	21,555,790	30.8677	3,089,531	16.7%	39.5%
348	Bundled Direct Purchase Impact DTS						27.9%	741.8%
	<u>Average Rate 200 to Rate E62 East (3)</u>	Demand 1,252,000 m ³ Annual Volume 140,305,600 m ³						
349	Delivery Charges	6,325,521	4.5084	4,076,206	2.9052	(2,249,315)	(35.6%)	(35.6%)
350	Gas Supply Transportation	6,587,243	4.6949	10,475,012	7.4659	3,887,769	59.0%	59.0%
351	Gas Supply Commodity	14,652,675	10.4434	14,868,290	10.5971	215,615	1.5%	1.5%
352	Total Bill - Sales Service	27,565,439	19.6467	29,419,508	20.9682	1,854,070	6.7%	6.7%
353	Total Bill - Bundled Direct Purchase WTS	27,781,054	19.8004	33,056,097	23.5601	5,275,043	19.0%	19.0%
354	Bundled Direct Purchase Impact WTS						40.9%	40.9%
355	Total Bill - Bundled Direct Purchase DTS	22,252,171	15.8598	29,419,508	20.9682	7,167,337	32.2%	32.2%
356	Bundled Direct Purchase Impact DTS						97.1%	97.1%

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.
- (3) Rate 200 customers are not charged the Federal Carbon Charge.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
Union North Rate Zone

		EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
Line No.	Particulars	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
<u>Small Rate 01 to Rate E01 North</u>		Demand 20 m ³ Annual Volume 2,200 m ³						
1	Delivery Charges	544	24.7128	496	22.5622	(47)	(8.7%)	(8.7%)
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	173	7.8681	100	4.5623	(73)	(42.0%)	(42.0%)
4	Gas Supply Commodity	355	16.1346	296	13.4319	(59)	(16.8%)	(16.8%)
5	Total Bill - Sales Service	1,407	63.9655	1,228	55.8063	(180)	(12.8%)	(16.7%)
6	Total Bill - Bundled Direct Purchase	1,348	61.2627	1,228	55.8063	(120)	(8.9%)	(11.9%)
7	Bundled Direct Purchase Impact						(11.4%)	(16.7%)
<u>Small Rate 01 to Rate E01 East</u>		Demand 20 m ³ Annual Volume 2,200 m ³						
8	Delivery Charges	544	24.7128	491	22.3326	(52)	(9.6%)	(9.6%)
9	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
10	Gas Supply Transportation	173	7.8681	228	10.3808	55	31.9%	31.9%
11	Gas Supply Commodity	355	16.1346	233	10.5971	(122)	(34.3%)	(34.3%)
12	Total Bill - Sales Service	1,407	63.9655	1,288	58.5605	(119)	(8.4%)	(11.1%)
13	Total Bill - Bundled Direct Purchase	1,285	58.4279	1,288	58.5605	3	0.2%	0.3%
14	Bundled Direct Purchase Impact						0.3%	0.4%
<u>Large Rate 01 to Rate E02 North</u>		Demand 365 m ³ Annual Volume 40,000 m ³						
15	Delivery Charges	4,148	10.3691	3,306	8.2651	(842)	(20.3%)	(20.3%)
16	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
17	Gas Supply Transportation	3,147	7.8681	1,823	4.5573	(1,324)	(42.1%)	(42.1%)
18	Gas Supply Commodity	6,454	16.1346	5,373	13.4319	(1,081)	(16.8%)	(16.8%)
19	Total Bill - Sales Service	19,849	49.6218	16,602	41.5043	(3,247)	(16.4%)	(23.6%)
20	Total Bill - Bundled Direct Purchase	18,768	46.9191	16,602	41.5043	(2,166)	(11.5%)	(17.1%)
21	Bundled Direct Purchase Impact						(16.2%)	(29.7%)
<u>Large Rate 01 to Rate E02 East</u>		Demand 365 m ³ Annual Volume 40,000 m ³						
22	Delivery Charges	4,148	10.3691	3,009	7.5219	(1,139)	(27.5%)	(27.5%)
23	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
24	Gas Supply Transportation	3,147	7.8681	4,488	11.2209	1,341	42.6%	42.6%
25	Gas Supply Commodity	6,454	16.1346	4,239	10.5971	(2,215)	(34.3%)	(34.3%)
26	Total Bill - Sales Service	19,849	49.6218	17,836	44.5898	(2,013)	(10.1%)	(14.6%)
27	Total Bill - Bundled Direct Purchase	17,634	44.0843	17,836	44.5898	202	1.1%	1.8%
28	Bundled Direct Purchase Impact						1.5%	2.8%
<u>Small Rate 10 to Rate E02 North</u>		Demand 548 m ³ Annual Volume 60,000 m ³						
29	Delivery Charges	5,865	9.7744	4,797	7.9951	(1,068)	(18.2%)	(18.2%)
30	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
31	Gas Supply Transportation	3,726	6.2100	2,734	4.5573	(992)	(26.6%)	(26.6%)
32	Gas Supply Commodity	9,681	16.1346	8,059	13.4319	(1,622)	(16.8%)	(16.8%)
33	Total Bill - Sales Service	28,421	47.3690	24,741	41.2343	(3,681)	(13.0%)	(19.1%)
34	Total Bill - Bundled Direct Purchase	26,800	44.6662	24,741	41.2343	(2,059)	(7.7%)	(11.7%)
35	Bundled Direct Purchase Impact						(11.0%)	(21.5%)
<u>Small Rate 10 to Rate E02 East</u>		Demand 548 m ³ Annual Volume 60,000 m ³						
36	Delivery Charges	5,865	9.7744	4,350	7.2497	(1,515)	(25.8%)	(25.8%)
37	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
38	Gas Supply Transportation	3,726	6.2100	6,733	11.2209	3,007	80.7%	80.7%
39	Gas Supply Commodity	9,681	16.1346	6,358	10.5971	(3,323)	(34.3%)	(34.3%)
40	Total Bill - Sales Service	28,421	47.3690	26,591	44.3177	(1,831)	(6.4%)	(9.5%)
41	Total Bill - Bundled Direct Purchase	25,099	41.8314	26,591	44.3177	1,492	5.9%	9.4%
42	Bundled Direct Purchase Impact						8.0%	15.6%
<u>Average Rate 10 to Rate E02 North</u>		Demand 850 m ³ Annual Volume 93,000 m ³						
43	Delivery Charges	8,330	8.9572	7,243	7.7886	(1,087)	(13.0%)	(13.0%)
44	Federal Carbon Charge	14,183	15.2500	14,183	15.2500	-	0.0%	0.0%
45	Gas Supply Transportation	5,775	6.2100	4,238	4.5573	(1,537)	(26.6%)	(26.6%)
46	Gas Supply Commodity	15,005	16.1346	12,492	13.4319	(2,514)	(16.8%)	(16.8%)
47	Total Bill - Sales Service	43,293	46.5518	38,156	41.0278	(5,137)	(11.9%)	(17.6%)
48	Total Bill - Bundled Direct Purchase	40,780	43.8490	38,156	41.0278	(2,624)	(6.4%)	(9.9%)
49	Bundled Direct Purchase Impact						(9.3%)	(18.6%)
<u>Average Rate 10 to Rate E02 East</u>		Demand 850 m ³ Annual Volume 93,000 m ³						
50	Delivery Charges	8,330	8.95718174	6,550	7.0432	(1,780)	(21.4%)	(21.4%)
51	Federal Carbon Charge	14,183	15.2500	14,183	15.2500	-	0.0%	0.0%
52	Gas Supply Transportation	5,775	6.2100	10,435	11.2209	4,660	80.7%	80.7%
53	Gas Supply Commodity	15,005	16.1346	9,855	10.5971	(5,150)	(34.3%)	(34.3%)
54	Total Bill	43,293	46.5518	41,023	44.1112	(2,270)	(5.2%)	(7.8%)
55	Sales Service Impact	38,143	41.0143	41,023	44.1112	2,880	7.6%	12.0%
56	Bundled Direct Purchase Impact						10.2%	20.4%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Large Rate 10 to Rate E02 North</u>	Demand 2,285 m ³ Annual Volume 250,000 m ³						
57	Delivery Charges	19,249	7.6998	18,882	7.5528	(367)	(1.9%)	(1.9%)
58	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%
59	Gas Supply Transportation	15,525	6.2100	11,393	4.5573	(4,132)	(26.6%)	(26.6%)
60	Gas Supply Commodity	40,337	16.1346	33,580	13.4319	(6,757)	(16.8%)	(16.8%)
61	Total Bill	113,236	45.2944	101,980	40.7920	(11,256)	(9.9%)	(15.0%)
62	Sales Service Impact	106,479	42.5916	101,980	40.7920	(4,499)	(4.2%)	(6.6%)
63	Bundled Direct Purchase Impact						(6.2%)	(12.9%)
	<u>Large Rate 10 to Rate E02 East</u>	Demand 2,285 m ³ Annual Volume 250,000 m ³						
64	Delivery Charges	19,249	7.6998	17,019	6.8074	(2,231)	(11.6%)	(11.6%)
65	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	15,525	6.2100	28,052	11.2209	12,527	80.7%	80.7%
67	Gas Supply Commodity	40,337	16.1346	26,493	10.5971	(13,844)	(34.3%)	(34.3%)
68	Total Bill	113,236	45.2944	109,689	43.8754	(3,547)	(3.1%)	(4.7%)
69	Sales Service Impact	99,392	39.7568	109,689	43.8754	10,296	10.4%	16.8%
70	Bundled Direct Purchase Impact						14.1%	29.6%
	<u>Small Rate 20 to Rate E10 North</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³						
71	Delivery Charges	94,661	3.1554	87,497	2.9166	(7,164)	(7.6%)	(7.6%)
72	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%
73	Gas Supply Transportation	67,878	2.2626	97,148	3.2383	29,270	43.1%	43.1%
74	Gas Supply Commodity	471,079	15.7026	402,956	13.4319	(68,123)	(14.5%)	(14.5%)
75	Total Bill - Sales Service	1,091,117	36.3706	1,045,101	34.8367	(46,017)	(4.2%)	(7.3%)
76	Total Bill - Bundled Direct Purchase	1,022,994	34.0998	1,045,101	34.8367	22,106	2.2%	3.9%
77	Bundled Direct Purchase Impact						3.6%	13.6%
	<u>Small Rate 20 to Rate E10 East</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³						
78	Delivery Charges	94,661	3.1554	95,993	3.1998	1,332	1.4%	1.4%
79	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%
80	Gas Supply Transportation	67,878	2.2626	181,749	6.0583	113,871	167.8%	167.8%
81	Gas Supply Commodity	471,079	15.7026	317,912	10.5971	(153,167)	(32.5%)	(32.5%)
82	Total Bill - Sales Service	1,091,117	36.3706	1,053,154	35.1051	(37,964)	(3.5%)	(6.0%)
83	Total Bill - Bundled Direct Purchase	937,951	31.2650	1,053,154	35.1051	115,203	12.3%	24.0%
84	Bundled Direct Purchase Impact						16.6%	26.5%
	<u>Large Rate 20 to Rate E10 North</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³						
85	Delivery Charges	367,583	2.4506	359,347	2.3956	(8,235)	(2.2%)	(2.2%)
86	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%
87	Gas Supply Transportation	290,904	1.9394	485,740	3.2383	194,835	67.0%	67.0%
88	Gas Supply Commodity	2,355,394	15.7026	2,014,779	13.4319	(340,615)	(14.5%)	(14.5%)
89	Total Bill - Sales Service	5,301,381	35.3425	5,147,366	34.3158	(154,015)	(2.9%)	(5.1%)
90	Total Bill - Bundled Direct Purchase	4,960,766	33.0718	5,147,366	34.3158	186,600	3.8%	7.0%
91	Bundled Direct Purchase Impact						6.3%	28.3%
	<u>Large Rate 20 to Rate E10 East</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³						
92	Delivery Charges	367,583	2.4506	332,984	2.2199	(34,598)	(9.4%)	(9.4%)
93	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%
94	Gas Supply Transportation	290,904	1.9394	908,743	6.0583	617,838	212.4%	212.4%
95	Gas Supply Commodity	2,355,394	15.7026	1,589,561	10.5971	(765,833)	(32.5%)	(32.5%)
96	Total Bill - Sales Service	5,301,381	35.3425	5,118,788	34.1253	(182,593)	(3.4%)	(6.1%)
97	Total Bill - Bundled Direct Purchase	4,535,548	30.2370	5,118,788	34.1253	583,240	12.9%	25.9%
98	Bundled Direct Purchase Impact						19.8%	88.6%
	<u>Small Rate 20 to Rate E22</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³						
99	Delivery Charges	94,661	3.1554	63,971	2.1324	(30,689)	(32.4%)	(32.4%)
100	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%
101	Gas Supply Transportation	67,878	2.2626	-	0.0000	(67,878)	(100.0%)	(100.0%)
102	Gas Supply Commodity	471,079	15.7026	402,956	13.4319	(68,123)	(14.5%)	(14.5%)
103	Total Bill - Sales Service	1,091,117	36.3706	924,427	30.8142	(166,690)	(15.3%)	(26.3%)
104	Total Bill - Bundled Direct Purchase	1,022,994	34.0998	924,427	30.8142	(98,567)	(9.6%)	(17.4%)
105	Bundled Direct Purchase Impact					(98,567)	(15.9%)	(60.6%)
	<u>Large Rate 20 to Rate E22</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³						
106	Delivery Charges	367,583	2.4506	170,791	1.1386	(196,792)	(53.5%)	(53.5%)
107	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%
108	Gas Supply Transportation	290,904	1.9394	-	0.0000	(290,904)	(100.0%)	(100.0%)
109	Gas Supply Commodity	2,355,394	15.7026	2,014,779	13.4319	(340,615)	(14.5%)	(14.5%)
110	Total Bill - Sales Service	5,301,381	35.3425	4,473,070	29.8205	(828,311)	(15.6%)	(27.5%)
111	Total Bill - Bundled Direct Purchase	4,960,766	33.0718	4,473,070	29.8205	(487,696)	(9.8%)	(18.2%)
112	Bundled Direct Purchase Impact					(487,696)	(16.6%)	(74.1%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 25 to Rate E30 North</u>	Demand 20,776 m ³ Annual Volume 2,275,000 m ³						
113	Delivery Charges	81,608	3.5871	16,027	0.7045	(65,581)	(80.4%)	(80.4%)
114	Federal Carbon Charge	346,938	15.2500	346,938	15.2500	-	0.0%	0.0%
115	Gas Supply Transportation	20,789	0.9138	39,220	1.7240	18,431	88.7%	88.7%
116	Gas Supply Commodity	233,467	10.2623	305,575	13.4319	72,108	30.9%	30.9%
117	Total Bill - Sales Service	682,801	30.0132	707,759	31.1103	24,959	3.7%	7.4%
118	Total Bill - Bundled Direct Purchase	754,909	33.1828	707,759	31.1103	(47,150)	(6.2%)	(11.6%)
119	Bundled Direct Purchase Impact						(10.5%)	(46.0%)
	<u>Average Rate 25 to Rate E30 East</u>	Demand 20,776 m ³ Annual Volume 2,275,000 m ³						
120	Delivery Charges	81,608	3.5871	29,103	1.2792	(52,505)	(64.3%)	(64.3%)
121	Federal Carbon Charge	346,938	15.2500	346,938	15.2500	-	0.0%	0.0%
122	Gas Supply Transportation	20,789	0.9138	103,675	4.5572	82,886	398.7%	398.7%
123	Gas Supply Commodity	233,467	10.2623	241,083	10.5971	7,617	3.3%	3.3%
124	Total Bill - Sales Service	682,801	30.0132	720,799	31.6835	37,998	5.6%	11.3%
125	Total Bill - Bundled Direct Purchase	690,418	30.3480	720,799	31.6835	30,381	4.4%	8.8%
126	Bundled Direct Purchase Impact						6.8%	29.7%
	<u>Small Rate 100 to Rate E22</u>	Demand 100,000 m ³ Annual Volume 27,000,000 m ³						
127	Delivery Charges	339,465	1.2573	243,628	0.9023	(95,837)	(28.2%)	(28.2%)
128	Federal Carbon Charge	4,117,500	15.2500	4,117,500	15.2500	-	0.0%	0.0%
129	Gas Supply Transportation	1,115,631	4.1320	-	0.0000	(1,115,631)	(100.0%)	(100.0%)
130	Gas Supply Commodity	4,239,709	15.7026	3,826,603	13.4319	(613,106)	(14.5%)	(14.5%)
131	Total Bill - Sales Service	9,812,306	36.3419	7,987,731	29.5842	(1,824,575)	(18.6%)	(32.0%)
132	Total Bill - Bundled Direct Purchase	9,199,200	3.8330	7,987,731	3.3282	(1,211,469)	(13.2%)	(23.8%)
133	Bundled Direct Purchase Impact						(21.7%)	(83.3%)
132	Total Bill - Unbundled Direct Purchase	8,083,568	29.9391	7,987,731	29.5842	(95,837)	(1.2%)	(2.4%)
134	Unbundled Direct Purchase Impact						(2.2%)	(28.2%)
	<u>Large Rate 100 to Rate E22</u>	Demand 850,000 m ³ Annual Volume 240,000,000 m ³						
135	Delivery Charges	2,767,122	1.1530	1,599,595	0.6665	(1,167,528)	(42.2%)	(42.2%)
136	Federal Carbon Charge	36,600,000	15.2500	36,600,000	15.2500	-	0.0%	0.0%
137	Gas Supply Transportation	9,482,867	3.9512	-	0.0000	(9,482,867)	(100.0%)	(100.0%)
138	Gas Supply Commodity	37,686,304	15.7026	32,236,471	13.4319	(5,449,832)	(14.5%)	(14.5%)
139	Total Bill - Sales Service	86,536,292	36.0568	70,436,066	29.3484	(16,100,226)	(18.6%)	(32.2%)
140	Total Bill - Bundled Direct Purchase	81,086,460	33.7860	70,436,066	29.3484	(10,650,394)	(13.1%)	(23.9%)
141	Bundled Direct Purchase Impact						(21.8%)	(86.9%)
142	Total Bill - Unbundled Direct Purchase	71,603,594	29.8348	70,436,066	29.3484	(1,167,528)	(1.6%)	(3.3%)
143	Unbundled Direct Purchase Impact						(3.0%)	(42.2%)

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.
- (3) Gas Supply charges based on Union North East Zone.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate M1 to Rate E01 South</u>	Demand 20 m ³ Annual Volume 2,200 m ³						
1	Delivery Charges	453	20.5998	500	22.7073	46	10.2%	10.2%
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	-	-	7	0.3206	7	100.0%	100.0%
4	Gas Supply Commodity	357	16.2433	345	15.6943	(12)	(3.4%)	(3.4%)
5	Total Bill - Sales Service	1,146	52.0930	1,187	53.9722	41	3.6%	5.1%
6	Total Bill - Bundled Direct Purchase	1,134	51.5441	1,187	53.9722	53	4.7%	6.7%
7	Bundled Direct Purchase Impact						6.8%	11.8%
	<u>Large Rate M1 to Rate E02 South</u>	Demand 365 m ³ Annual Volume 40,000 m ³						
8	Delivery Charges	2,658	6.6459	3,176	7.9402	518	19.5%	19.5%
9	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
10	Gas Supply Transportation	-	-	127	0.3182	127	100.0%	100.0%
11	Gas Supply Commodity	6,497	16.2433	6,278	15.6943	(220)	(3.4%)	(3.4%)
12	Total Bill - Sales Service	15,256	38.1392	15,681	39.2027	425	2.8%	4.6%
13	Total Bill - Bundled Direct Purchase	15,036	37.5902	15,681	39.2027	645	4.3%	7.2%
14	Bundled Direct Purchase Impact						7.4%	24.3%
	<u>Small Rate M2 to Rate E02 South</u>	Demand 613 m ³ Annual Volume 60,000 m ³						
15	Delivery Charges	4,933	8.2216	5,100	8.5002	167	3.4%	3.4%
16	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
17	Gas Supply Transportation	-	-	191	0.3182	191	100.0%	100.0%
18	Gas Supply Commodity	9,746	16.2433	9,417	15.6943	(329)	(3.4%)	(3.4%)
19	Total Bill - Sales Service	23,829	39.7148	23,858	39.7627	29	0.1%	0.2%
20	Total Bill - Bundled Direct Purchase	23,500	39.1659	23,858	39.7627	358	1.5%	2.5%
21	Bundled Direct Purchase Impact						2.5%	7.3%
	<u>Average Rate M2 to Rate E02 South</u>	Demand 746 m ³ Annual Volume 73,000 m ³						
22	Delivery Charges	5,773	7.9082	6,129	8.3965	356	6.2%	6.2%
23	Federal Carbon Charge	11,133	15.2500	11,133	15.2500	-	0.0%	0.0%
24	Gas Supply Transportation	-	-	232	0.3182	232	100.0%	100.0%
25	Gas Supply Commodity	11,858	16.2433	11,457	15.6943	(401)	(3.4%)	(3.4%)
26	Total Bill - Sales Service	28,763	39.4015	28,951	39.6590	188	0.7%	1.1%
27	Total Bill - Bundled Direct Purchase	28,362	38.8525	28,951	39.6590	589	2.1%	3.4%
28	Bundled Direct Purchase Impact						3.5%	10.2%
	<u>Large Rate M2 to Rate E02 South</u>	Demand 2,556 m ³ Annual Volume 250,000 m ³						
29	Delivery Charges	16,762	6.7047	20,145	8.0579	3,383	20.2%	20.2%
30	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%
31	Gas Supply Transportation	-	-	796	0.3182	796	100.0%	100.0%
32	Gas Supply Commodity	40,608	16.2433	39,236	15.6943	(1,372)	(3.4%)	(3.4%)
33	Total Bill - Sales Service	95,495	38.1979	98,301	39.3204	2,806	2.9%	4.9%
34	Total Bill - Bundled Direct Purchase	94,122	37.6490	98,301	39.3204	4,179	4.4%	7.5%
35	Bundled Direct Purchase Impact						7.6%	24.9%
	<u>Small Rate M4 to Rate E10 South</u>	Demand 4,800 m ³ Annual Volume 875,000 m ³						
36	Delivery Charges	58,954	6.7376	48,262	5.5156	(10,692)	(18.1%)	(18.1%)
37	Federal Carbon Charge	133,438	15.2500	133,438	15.2500	-	0.0%	0.0%
38	Gas Supply Transportation	-	-	2,386	0.2727	2,386	100.0%	100.0%
39	Gas Supply Commodity	142,128	16.2433	137,325	15.6943	(4,803)	(3.4%)	(3.4%)
40	Total Bill - Sales Service	334,520	38.2308	321,411	36.7327	(13,109)	(3.9%)	(6.5%)
41	Total Bill - Bundled Direct Purchase	329,716	37.6819	321,411	36.7327	(8,305)	(2.5%)	(4.2%)
42	Bundled Direct Purchase Impact						(4.3%)	(14.1%)
	<u>Large Rate M4 to Rate E10 South</u>	Demand 50,000 m ³ Annual Volume 12,000,000 m ³						
43	Delivery Charges	472,901	3.9408	337,273	2.8106	(135,628)	(28.7%)	(28.7%)
44	Federal Carbon Charge	1,830,000	15.2500	1,830,000	15.2500	-	0.0%	0.0%
45	Gas Supply Transportation	-	-	32,727	0.2727	32,727	100.0%	100.0%
46	Gas Supply Commodity	1,949,190	16.2433	1,883,316	15.6943	(65,874)	(3.4%)	(3.4%)
47	Total Bill - Sales Service	4,252,091	35.4341	4,083,316	34.0276	(168,775)	(4.0%)	(7.0%)
48	Total Bill - Bundled Direct Purchase	4,186,217	34.8851	4,083,316	34.0276	(102,901)	(2.5%)	(4.4%)
49	Bundled Direct Purchase Impact						(4.5%)	(21.8%)
	<u>Small Rate M5 to Rate E30 South</u>	Demand 7,500 m ³ Annual Volume 825,000 m ³						
50	Delivery Charges	38,918	4.7173	14,661	1.7771	(24,257)	(62.3%)	(62.3%)
51	Federal Carbon Charge	125,813	15.2500	125,813	15.2500	-	0.0%	0.0%
52	Gas Supply Transportation	-	-	968	0.1173	968	100.0%	100.0%
53	Gas Supply Commodity	134,007	16.2433	129,478	15.6943	(4,529)	(3.4%)	(3.4%)
54	Total Bill - Sales Service	298,737	36.2106	270,919	32.8387	(27,818)	(9.3%)	(16.1%)
55	Total Bill - Bundled Direct Purchase	294,208	35.6616	270,919	32.8387	(23,289)	(7.9%)	(13.8%)
56	Bundled Direct Purchase Impact						(14.1%)	(59.8%)
	<u>Large Rate M5 to Rate E30 South</u>	Demand 70,000 m ³ Annual Volume 6,500,000 m ³						
57	Delivery Charges	226,552	3.4854	85,860	1.3209	(140,691)	(62.1%)	(62.1%)
58	Federal Carbon Charge	991,250	15.2500	991,250	15.2500	-	0.0%	0.0%
59	Gas Supply Transportation	-	-	7,627	0.1173	7,627	100.0%	100.0%
60	Gas Supply Commodity	1,055,811	16.2433	1,020,130	15.6943	(35,682)	(3.4%)	(3.4%)
61	Total Bill - Sales Service	2,273,613	34.9787	2,104,867	32.3826	(168,746)	(7.4%)	(13.2%)
62	Total Bill - Bundled Direct Purchase	2,237,931	34.4297	2,104,867	32.3826	(133,064)	(5.9%)	(10.7%)
63	Bundled Direct Purchase Impact						(10.9%)	(58.7%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate M7 to Rate E10 South</u>	Demand 165,000 m ³ Annual Volume 36,000,000 m ³						
64	Delivery Charges	871,721	2.4214	925,624	2.5712	53,904	6.2%	6.2%
65	Federal Carbon Charge	5,490,000	15.2500	5,490,000	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	-	-	98,180	0.2727	98,180	100.0%	100.0%
67	Gas Supply Commodity	5,847,570	16.2433	5,649,949	15.6943	(197,621)	(3.4%)	(3.4%)
68	Total Bill - Sales Service	12,209,291	33.9147	12,163,753	33.7882	(45,538)	(0.4%)	(0.7%)
69	Total Bill - Bundled Direct Purchase	12,011,669	33.3657	12,163,753	33.7882	152,084	1.3%	2.3%
70	Bundled Direct Purchase Impact						2.4%	17.4%
	<u>Large Rate M7 to Rate E10 South</u>	Demand 720,000 m ³ Annual Volume 52,000,000 m ³						
71	Delivery Charges	3,396,434	6.5316	3,684,055	7.0847	287,621	8.5%	8.5%
72	Federal Carbon Charge	7,930,000	15.2500	7,930,000	15.2500	-	0.0%	0.0%
73	Gas Supply Transportation	-	-	141,816	0.2727	141,816	100.0%	100.0%
74	Gas Supply Commodity	8,446,490	16.2433	8,161,037	15.6943	(285,453)	(3.4%)	(3.4%)
75	Total Bill - Sales Service	19,772,924	38.0249	19,916,908	38.3017	143,984	0.7%	1.2%
76	Total Bill - Bundled Direct Purchase	19,487,471	37.4759	19,916,908	38.3017	429,437	2.2%	3.7%
77	Bundled Direct Purchase Impact						3.8%	12.6%
	<u>Small Rate M9 to Rate E62 South (3)</u>	Demand 56,439 m ³ Annual Volume 6,950,000 m ³						
78	Delivery Charges	209,336	3.0120	194,717	2.8017	(14,619)		(7.0%)
79	Gas Supply Transportation	-	-	14,062	0.2023	14,062		100.0%
80	Gas Supply Commodity	1,128,906	16.2433	1,090,754	15.6943	(38,152)		(3.4%)
81	Total Bill - Sales Service	1,338,242	19.2553	1,299,533	18.6983	(38,709)		(2.9%)
82	Total Bill - Bundled Direct Purchase	1,300,090	18.7063	1,299,533	18.6983	(557)		(0.0%)
83	Bundled Direct Purchase Impact							(0.3%)
	<u>Large Rate M9 to Rate E62 South (3)</u>	Demand 168,100 m ³ Annual Volume 20,178,000 m ³						
84	Delivery Charges	621,999	3.0826	567,659	2.8133	(54,339)		(8.7%)
85	Gas Supply Transportation	-	-	40,826	0.2023	40,826		100.0%
86	Gas Supply Commodity	3,277,563	16.2433	3,166,796	15.6943	(110,767)		(3.4%)
87	Total Bill - Sales Service	3,899,562	19.3258	3,775,282	18.7099	(124,280)		(3.2%)
88	Total Bill - Bundled Direct Purchase	3,788,795	18.7769	3,775,282	18.7099	(13,513)		(0.4%)
89	Bundled Direct Purchase Impact							(2.2%)
	<u>Small Rate T1 to Rate E20 South</u>	Demand 25,750 m ³ Annual Volume 7,537,000 m ³						
90	Delivery Charges	176,699	2.3444	154,774	2.0535	(21,924)	(12.4%)	(12.4%)
91	Federal Carbon Charge	1,149,393	15.2500	1,149,393	15.2500	-	0.0%	0.0%
92	Gas Supply Commodity	1,224,254	16.2433	1,182,880	15.6943	(41,374)	(3.4%)	(3.4%)
93	Total Bill - Sales Service	2,550,345	33.8377	2,487,046	32.9978	(63,299)	(2.5%)	(4.5%)
94	Total Bill - Bundled Direct Purchase	2,508,971	33.2887	2,487,046	32.9978	(21,924)	(0.9%)	(1.6%)
95	Bundled Direct Purchase Impact						(1.7%)	(12.4%)
	<u>Average Rate T1 to Rate E20 South</u>	Demand 48,750 m ³ Annual Volume 11,565,938 m ³						
96	Delivery Charges	274,088	2.3698	230,829	1.9958	(43,258)	(15.8%)	(15.8%)
97	Federal Carbon Charge	1,763,806	15.2500	1,763,806	15.2500	-	0.0%	0.0%
98	Gas Supply Commodity	1,878,684	16.2433	1,815,193	15.6943	(63,491)	(3.4%)	(3.4%)
99	Total Bill - Sales Service	3,916,578	33.8630	3,809,828	32.9401	(106,749)	(2.7%)	(5.0%)
100	Total Bill - Bundled Direct Purchase	3,853,087	33.3141	3,809,828	32.9401	(43,258)	(1.1%)	(2.1%)
101	Bundled Direct Purchase Impact						(2.1%)	(15.8%)
	<u>Large Rate T1 to Rate E20 South</u>	Demand 133,000 m ³ Annual Volume 25,624,080 m ³						
102	Delivery Charges	616,243	2.4049	486,518	1.8987	(129,725)	(21.1%)	(21.1%)
103	Federal Carbon Charge	3,907,672	15.2500	3,907,672	15.2500	-	0.0%	0.0%
104	Gas Supply Commodity	4,162,184	16.2433	4,021,521	15.6943	(140,663)	(3.4%)	(3.4%)
105	Total Bill - Sales Service	8,686,099	33.8982	8,415,711	32.8430	(270,388)	(3.1%)	(5.7%)
106	Total Bill - Bundled Direct Purchase	8,545,436	33.3492	8,415,711	32.8430	(129,725)	(1.5%)	(2.8%)
107	Bundled Direct Purchase Impact						(2.9%)	(21.1%)
	<u>Small Rate T2 to Rate E20 South</u>	Demand 190,000 m ³ Annual Volume 59,256,000 m ³						
108	Delivery Charges	818,702	1.3816	671,776	1.1337	(146,926)	(17.9%)	(17.9%)
109	Federal Carbon Charge	9,036,540	15.2500	9,036,540	15.2500	-	0.0%	0.0%
110	Gas Supply Commodity	9,625,101	16.2433	9,299,816	15.6943	(325,285)	(3.4%)	(3.4%)
111	Total Bill - Sales Service	19,480,343	32.8749	19,008,132	32.0780	(472,211)	(2.4%)	(4.5%)
112	Total Bill - Bundled Direct Purchase	19,155,058	32.3259	19,008,132	32.0780	(146,926)	(0.8%)	(1.5%)
113	Bundled Direct Purchase Impact						(1.5%)	(17.9%)
	<u>Average Rate T2 to Rate E20 South</u>	Demand 669,000 m ³ Annual Volume 197,789,850 m ³						
114	Delivery Charges	2,035,557	1.0292	1,969,469	0.9957	(66,088)	(3.2%)	(3.2%)
115	Federal Carbon Charge	30,162,952	15.2500	30,162,952	15.2500	-	0.0%	0.0%
116	Gas Supply Commodity	32,127,501	16.2433	31,041,738	15.6943	(1,085,764)	(3.4%)	(3.4%)
117	Total Bill - Sales Service	64,326,010	32.5224	63,174,158	31.9400	(1,151,852)	(1.8%)	(3.4%)
118	Total Bill - Bundled Direct Purchase	63,240,247	31.9735	63,174,158	31.9400	(66,088)	(0.1%)	(0.2%)
119	Bundled Direct Purchase Impact						(0.2%)	(3.2%)
	<u>Large Rate T2 to Rate E20 South</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³						
120	Delivery Charges	3,404,458	0.9199	3,432,678	0.9275	28,220	0.8%	0.8%
121	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
122	Gas Supply Commodity	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
123	Total Bill - Sales Service	119,957,515	32.4132	117,954,138	31.8718	(2,003,377)	(1.7%)	(3.2%)
124	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	117,954,138	31.8718	28,220	0.0%	0.0%
125	Bundled Direct Purchase Impact						0.0%	0.8%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Four Rate Zones - With One Rate Zone Distribution
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Large Rate T2 to Rate E24 South</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³						
126	Delivery Charges	3,404,458	0.9199	1,546,614	0.4179	(1,857,844)	(54.6%)	(54.6%)
127	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
128	Gas Supply Commodity	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
129	Total Bill - Sales Service	119,957,515	32.4132	116,068,074	31.3622	(3,889,441)	(3.2%)	(6.1%)
130	Total Bill - Unbundled Direct Purchase	117,925,918	31.8642	116,068,074	31.3622	(1,857,844)	(1.6%)	(3.0%)
131	Unbundled Direct Purchase Impact						(3.1%)	(54.6%)
	<u>Large Rate T3 to Rate E64 South (3)</u>	Demand 2,350,000 m ³ Annual Volume 272,712,000 m ³						
132	Delivery Charges	6,826,798	2.5033	6,845,254	2.5101	18,456		0.3%
133	Gas Supply Commodity	44,297,294	16.2433	42,800,246	15.6943	(1,497,047)		(3.4%)
134	Total Bill - Sales Service	51,124,091	18.7466	49,645,500	18.2044	(1,478,591)		(2.9%)
135	Total Bill - Bundled Direct Purchase	49,627,044	18.1976	49,645,500	18.2044	18,456		0.0%
136	Bundled Direct Purchase Impact							0.3%

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.
- (3) Rate M9 and Rate T3 customers are not charged the Federal Carbon Charge.

Bill Impact Comparison for Rate E10 and Rate E20 - One Rate Zone - Proposed with Panhandle/St. Clair Split

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$) (e) = (c - a)	Total Bill Impact (%) (f) = (e / a)
			Total Bill (\$)	Unit Rate (1) (cents/m³)	Total Bill (\$)	Unit Rate (1) (2) (cents/m³)		
			(a)	(b)	(c)	(d)		
<u>Small M7 Greenhouse - Rate E10 to E20</u>								
Demand 60,000 m³ Annual Volume 11,486,789 m³								
Delivery Charges								
1	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
2	Monthly Demand Charge							
Rate E10								
3	First 20,000 m³	20,000	151,551	63.1462				
4	All over 20,000 m³	40,000	205,940	42.9042				
Rate E20								
5	First 30,000 m³	30,000			126,172	35.0478		
6	Next 120,000 m³	30,000			84,023	23.3397		
7	All over 150,000 m³	-			-	19.3044		
8	Total Demand Charge	60,000	357,491		210,195		(147,296)	(41.2%)
9	Delivery Commodity Charge	11,486,789	31,069	0.2705	-	-	(31,069)	
10	Transportation Fuel Ratio				12,353	0.754%	12,353	
11	Facility Carbon Charge	11,486,789	1,643	0.0143	1,643	0.0143	-	
12	Total Delivery Charges		396,202		260,190		(136,012)	(34.3%)
Storage								
13	Space Demand (\$/GJ)	18,448			3,307	0.015	3,307	
14	Firm Injection/Withdrawal Right (\$/GJ) (3)	553			17,091	2.573	17,091	
15	Injection/Withdrawal Commodity (\$/GJ)	36,896			-	-	-	
16	Storage Fuel Ratio				1,076	0.799%	1,076	
17	Storage Total		-		21,475		21,475	100.0%
18	Gas Supply Transportation	11,486,789	92,795	0.8078			(92,795)	
19	Gas Supply Commodity	11,486,789	1,654,312	14.4019	1,654,312	14.4019	-	
20	Total Bill - Bundled Direct Purchase (4)		2,143,310		1,935,977		(207,332)	(9.7%)
21	Bundled Direct Purchase Impact		488,998		281,665		(207,332)	(42.4%)

Bill Impact Comparison for Rate E10 and Rate E20 - One Rate Zone - Proposed with Panhandle/St. Clair Split

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$)	Total Bill Impact (%)
			Total Bill (\$)	Unit Rate (1) (cents/m³)	Total Bill (\$)	Unit Rate (1) (2) (cents/m³)		
			(a)	(b)	(c)	(d)		
<u>Median M7 Greenhouse - Rate E10 to E20</u>								
Demand 74,424 m³ Annual Volume 12,847,667 m³								
Delivery Charges								
22	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
23	Monthly Demand Charge							
Rate E10								
24	First 20,000 m³	20,000	151,551	63.1462				
25	All over 20,000 m³	54,424	280,202	42.9042				
Rate E20								
26	First 30,000 m³	30,000			126,172	35.0478		
27	Next 120,000 m³	44,424			124,421	23.3397		
28	All over 150,000 m³	-			-	19.3044		
29	Total Demand Charge	74,424	431,753		250,593		(181,159)	(42.0%)
30	Delivery Commodity Charge	12,847,667	34,750	0.2705	-	-	(34,750)	
31	Transportation Fuel Ratio				13,816	0.754%	13,816	
32	Facility Carbon Charge	12,847,667	1,837	0.0143	1,837	0.0143	-	
33	Total Delivery Charges		474,340		302,247		(172,093)	(36.3%)
Storage								
34	Space Demand (\$/GJ)	20,634			3,699	0.015	3,699	
35	Firm Injection/Withdrawal Right (\$/GJ) (3)	619			19,116	2.573	19,116	
36	Injection/Withdrawal Commodity (\$/GJ)	41,267			-	-	-	
37	Storage Fuel Ratio				1,204	0.799%	1,204	
38	Storage Total		-		24,019		24,019	100.0%
39	Gas Supply Transportation	12,847,667	103,789	0.8078			(103,789)	
40	Gas Supply Commodity	12,847,667	1,850,304	14.4019	1,850,304	14.4019	-	
41	Total Bill - Bundled Direct Purchase (4)		2,428,433		2,152,551		(275,882)	(11.4%)
42	Bundled Direct Purchase Impact		578,129		302,247		(275,882)	(47.7%)

Bill Impact Comparison for Rate E10 and Rate E20 - One Rate Zone - Proposed with Panhandle/St. Clair Split

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$) (e) = (c - a)	Total Bill Impact (%) (f) = (e / a)
			Total Bill (\$)	Unit Rate (1) (cents/m³)	Total Bill (\$)	Unit Rate (1) (2) (cents/m³)		
			(a)	(b)	(c)	(d)		
<u>Large M7 Greenhouse - Rate E10 to E20</u>								
Demand 210,485 m³ Annual Volume 24,553,946 m³								
Delivery Charges								
43	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
44	Monthly Demand Charge							
Rate E10								
45	First 20,000 m³	20,000	151,551	63.1462				
46	All over 20,000 m³	190,485	980,712	42.9042				
Rate E20								
47	First 30,000 m³	30,000			126,172	35.0478		
48	Next 120,000 m³	120,000			336,092	23.3397		
49	All over 150,000 m³	60,485			140,115	19.3044		
50	Total Demand Charge	210,485	1,132,263		602,379		(529,883)	(46.8%)
51	Delivery Commodity Charge	24,553,946	66,412	0.2705	-	-	(66,412)	
52	Transportation Fuel Ratio				26,405	0.754%	26,405	
53	Facility Carbon Charge	24,553,946	3,511	0.0143	3,511	0.0143	-	
54	Total Delivery Charges		1,208,186		668,296		(539,890)	(44.7%)
Storage								
55	Space Demand (\$/GJ)	39,434			7,070	0.015	7,070	
56	Firm Injection/Withdrawal Right (\$/GJ) (3)	1,183			36,534	2.573	36,534	
57	Injection/Withdrawal Commodity (\$/GJ)	78,869			-	-	-	
58	Storage Fuel Ratio				2,301	0.799%	2,301	
59	Storage Total		-		45,904		45,904	100.0%
60	Gas Supply Transportation	24,553,946	198,357	0.8078			(198,357)	
61	Gas Supply Commodity	24,553,946	3,536,226	14.4019	3,536,226	14.4019	-	
62	Total Bill - Bundled Direct Purchase (4)		4,942,770		4,204,522		(738,248)	(14.9%)
63	Bundled Direct Purchase Impact		1,406,543		668,296		(738,248)	(52.5%)

Notes:

- (1) Assuming Rate E20 South service area customer and therefore excludes central transportation charge as proposed for Rate E20.
- (2) Firm injection/withdrawal rights utility provides deliverability inventory.
- (3) Total bill impact calculations for direct purchase customers include an assumed gas supply commodity charge.

Bill Impact Comparison for Rate E10 and Rate E20 - Four Rate Zones One Distribution with Panhandle/St.Clair Split (South)

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$)	Total Bill Impact (%)
			Total Bill (\$)	Unit Rate (1) (cents/m ³)	Total Bill (\$)	Unit Rate (1) (cents/m ³)		
			(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)
<u>Small M7 Greenhouse - Rate E10 to E20</u>								
Demand 60,000 m ³ Annual Volume 11,486,789 m ³								
Delivery Charges								
1	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
2	Monthly Demand Charge							
Rate E10								
3	First 20,000 m ³	20,000	173,133	72.1386				
4	All over 20,000 m ³	40,000	197,870	41.2229				
Rate E20								
5	First 30,000 m ³	30,000			126,824	35.2288		
6	Next 120,000 m ³	30,000			84,460	23.4610		
7	All over 150,000 m ³	-			-	19.4052		
8	Total Demand Charge	60,000	371,003		211,283		(159,719)	(43.1%)
9	Delivery Commodity Charge	11,486,789	7,678	0.0668			(7,678)	
10	Transportation Fuel Ratio				12,365	0.755%	12,365	
11	Facility Carbon Charge	11,486,789	1,643	0.0143	1,643	0.0143	-	
12	Total Delivery Charges		386,324		261,290		(125,033)	(32.4%)
Storage								
13	Space Demand (\$/GJ)	18,448			3,309	0.015	3,309	
14	Firm Injection/Withdrawal Right (\$/GJ) (2)	553			17,090	2.573	17,090	
15	Injection/Withdrawal Commodity (\$/GJ)	36,896			-	-		
16	Storage Fuel Ratio				1,076	0.799%	1,076	
17	Storage Total		-		21,476		21,476	100.0%
18	Gas Supply Transportation	11,486,789	31,327	0.2727			(31,327)	
19	Gas Supply Commodity	11,486,789	1,802,771	15.6943	1,802,771	15.6943	-	
20	Total Bill - Bundled Direct Purchase (3)		2,220,422		2,064,062		(156,360)	(7.0%)
21	Bundled Direct Purchase Impact		417,651		261,290		(156,360)	(37.4%)

Bill Impact Comparison for Rate E10 and Rate E20 - Four Rate Zones One Distribution with Panhandle/St.Clair Split (South)

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$)	Total Bill Impact (%)
			Total Bill (\$)	Unit Rate (1) (cents/m ³)	Total Bill (\$)	Unit Rate (1) (cents/m ³)		
			(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)
<u>Median M7 Greenhouse - Rate E10 to E20</u>								
Demand 74,424 m ³ Annual Volume 12,847,667 m ³								
Delivery Charges								
22	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
23	Monthly Demand Charge							
Rate E10								
24	First 20,000 m ³	20,000	173,133	72.1386				
25	All over 20,000 m ³	54,424	269,222	41.2229				
Rate E20								
26	First 30,000 m ³	30,000			126,824	35.2288		
27	Next 120,000 m ³	44,424			125,068	23.4610		
28	All over 150,000 m ³	-			-	19.4052		
29	Total Demand Charge	74,424	442,355		251,891		(190,463)	(43.1%)
30	Delivery Commodity Charge	12,847,667	8,588	0.0668	-	-	(8,588)	
31	Transportation Fuel Ratio				13,829	0.755%	13,829	
32	Facility Carbon Charge	12,847,667	1,837	0.0143	1,837	0.0143	-	
33	Total Delivery Charges		458,780		303,558		(155,222)	(33.8%)
Storage								
34	Space Demand (\$/GJ)	20,634			3,701	0.015	3,701	
35	Firm Injection/Withdrawal Right (\$/GJ) (2)	619			19,115	2.573	19,115	
36	Injection/Withdrawal Commodity (\$/GJ)	41,267			-	-	-	
37	Storage Fuel Ratio				1,204	0.799%	1,204	
38	Storage Total		-		24,020		24,020	100.0%
39	Gas Supply Transportation	12,847,667	35,038	0.2727			(35,038)	
40	Gas Supply Commodity	12,847,667	2,016,352	15.6943	2,016,352	15.6943	-	
41	Total Bill - Bundled Direct Purchase (3)		2,510,170		2,343,930		(166,241)	(6.6%)
42	Bundled Direct Purchase Impact		493,818		327,578		(166,241)	(33.7%)

Bill Impact Comparison for Rate E10 and Rate E20 - Four Rate Zones One Distribution with Panhandle/St.Clair Split (South)

Line No.	Particulars	Usage	Rate E10		Rate E20		Total Bill Impact (\$)	Total Bill Impact (%)
			Total Bill (\$)	Unit Rate (1) (cents/m ³)	Total Bill (\$)	Unit Rate (1) (cents/m ³)		
			(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)
<u>Large M7 Greenhouse - Rate E10 to E20</u>								
Demand 210,485 m ³ Annual Volume 24,553,946 m ³								
Delivery Charges								
43	Monthly Customer Charge	12	6,000	\$500.00	36,000	\$3,000.00	30,000	500.0%
44	Monthly Demand Charge							
Rate E10								
45	First 20,000 m ³	20,000	173,133	72.1386				
46	All over 20,000 m ³	190,485	942,282	41.2229				
Rate E20								
47	First 30,000 m ³	30,000			126,824	35.2288		
48	Next 120,000 m ³	120,000			337,838	23.4610		
49	All over 150,000 m ³	60,485			140,847	19.4052		
50	Total Demand Charge	210,485	1,115,415		605,509		(509,906)	(45.7%)
51	Delivery Commodity Charge	24,553,946	16,413	0.0668	-	-	(16,413)	
52	Transportation Fuel Ratio				26,430	0.755%	26,430	
53	Facility Carbon Charge	24,553,946	3,511	0.0143	3,511	0.0143	-	
54	Total Delivery Charges		1,141,339		671,450		(469,889)	(41.2%)
Storage								
55	Space Demand (\$/GJ)	39,434			7,074	0.015	7,074	
56	Firm Injection/Withdrawal Right (\$/GJ) (2)	1,183			36,531	2.573	36,531	
57	Injection/Withdrawal Commodity (\$/GJ)	78,869			-	-	-	
58	Storage Fuel Ratio				2,301	0.799%	2,301	
59	Storage Total		-		45,906		45,906	100.0%
60	Gas Supply Transportation	24,553,946	66,964	0.2727			(66,964)	
61	Gas Supply Commodity	24,553,946	3,853,571	15.6943	3,853,571	15.6943	-	
62	Total Bill - Bundled Direct Purchase (3)		5,061,874		4,525,021		(536,853)	(10.6%)
63	Bundled Direct Purchase Impact		1,208,303		671,450		(536,853)	(44.4%)

Notes:

- (1) Firm injection/withdrawal rights utility provides deliverability inventory.
- (2) Total bill impact calculations for direct purchase customers include an assumed gas supply commodity charge.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question 1:

If possible, the customer count for the number of E01 customers and E02 customers in GFN's community

Response:

Enbridge Gas was able to identify 29 customers under Rate 01 in the Ginoogaming First Nation (GFN) community in the Union North West rate zone. Enbridge Gas is not able to provide the mapping between Rate E01 and Rate E02 for those 29 customers without additional analysis to determine their individual design day demands and expects that the majority of customers would map to Rate E01.

Question 2:

An update to ADR-1, Question 1(as amended to include new categories) to include the average impact on E02 customers in the GFN community

Response:

Enbridge Gas is unable to provide an average impact based specifically on customers within the GFN community, however the impacts for Rate E02 customers provided in Attachment 1 would be representative of any impact that could be experienced by a Rate E02 customer in the GFN community.

Question 3:

An update to ADR-1 (as amended to include new categories) that lists Rate 10 small and Rate 1 large customers

Response:

Please see Attachment 1.

Question 4:

New scenarios in an updated ADR-1 setting out a current rate zone scenario

Response:

Please see Attachment 1.

Please note that the current rate zone alternative presented in Attachment 1 is based on the current rate classes, consistent with the evidence filed in Phase 3 Exhibit 8, Tab 2, Schedule 15. The other scenarios provided in Attachment 1 are based on the alternative volumetric general service rate design provided in Exhibit JT1.53 and Exhibit JT1.54 not the proposed Straight Fixed Variable with Demand (SFVD) rate design. The alternative volumetric general service rate design may impact the rate class continuity with contract rate classes, and result in consequences on customer choice and revenue impacts. Depending upon the nature of a rate design change, other adjustments may be appropriate.

Enbridge Gas Inc.
Bill Impacts for Rate 01 and Rate 10 North West - Alternative Volumetric Rate Design for all Rate Zone Alternatives

Line No.	Particulars	Harmonized Rate Class	Annual Volume (m ³)	Total Bill		2024 Total Bill Impact (\$)	2024 Total Bill Impact (%)
				Current Approved (\$)	2024 Proposed (1) (\$)		
		(a)	(b)	(c)	(d)	(e) = (d - c)	(f) = (e / c)
<u>One Rate Zone - Proposed</u>							
• 1	Rate 01 - Small	Rate E01	2,200	908	875	(32)	(3.5%)
2	Rate 01 - Large	Rate E02	40,000	10,763	9,909	(854)	(7.9%)
3	Rate 10 - Small	Rate E02	60,000	15,253	14,689	(564)	(3.7%)
4	Rate 10 - Average	Rate E02	93,000	22,882	22,575	(307)	(1.3%)
<u>One Rate Zone - No Regional Adjustments</u>							
1	Rate 01 - Small	Rate E01	2,200	908	868	(39)	(4.3%)
2	Rate 01 - Large	Rate E02	40,000	10,763	9,840	(923)	(8.6%)
3	Rate 10 - Small	Rate E02	60,000	15,253	14,585	(668)	(4.4%)
4	Rate 10 - Average	Rate E02	93,000	22,882	22,415	(468)	(2.0%)
<u>One Rate Zone - As Filed in Phase 1</u>							
1	Rate 01 - Small	Rate E01	2,200	908	873	(34)	(3.8%)
2	Rate 01 - Large	Rate E02	40,000	10,763	9,931	(832)	(7.7%)
3	Rate 10 - Small	Rate E02	60,000	15,253	14,722	(531)	(3.5%)
4	Rate 10 - Average	Rate E02	93,000	22,882	22,627	(255)	(1.1%)
<u>Two Rate Zones - One Rate Zone Distribution</u>							
1	Rate 01 - Small	Rate E01	2,200	908	939	31	3.4%
2	Rate 01 - Large	Rate E02	40,000	10,763	11,927	1,164	10.8%
3	Rate 10 - Small	Rate E02	60,000	15,253	17,716	2,463	16.1%
4	Rate 10 - Average	Rate E02	93,000	22,882	27,268	4,385	19.2%
<u>Two Rate Zones</u>							
1	Rate 01 - Small	Rate E01	2,200	908	993	85	9.4%
2	Rate 01 - Large	Rate E02	40,000	10,763	12,171	1,409	13.1%
3	Rate 10 - Small	Rate E02	60,000	15,253	18,083	2,830	18.6%
4	Rate 10 - Average	Rate E02	93,000	22,882	27,836	4,954	21.6%
<u>Four Rate Zones - One Rate Zone Distribution</u>							
1	Rate 01 - Small	Rate E01	2,200	908	891	(17)	(1.8%)
2	Rate 01 - Large	Rate E02	40,000	10,763	10,721	(42)	(0.4%)
3	Rate 10 - Small	Rate E02	60,000	15,253	15,907	654	4.3%
4	Rate 10 - Average	Rate E02	93,000	22,882	24,464	1,581	6.9%
<u>Current Rate Zones</u>							
1	Rate 01 - Small	Rate E01	2,200	908	943	35	3.9%
2	Rate 01 - Large	Rate E02	40,000	10,763	11,390	627	5.8%
3	Rate 10 - Small	Rate E02	60,000	15,253	16,218	965	6.3%
4	Rate 10 - Average	Rate E02	93,000	22,882	24,405	1,523	6.7%

Notes:

(1) Bill impacts exclude Rider K and Rider R.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

In IRR 1.7.1 - Kitchener-4, a question on load balancing – transportation, EGI confirmed that they do not allocate Load balancing - transportation to DP customers. Also, EGI confirmed the semi-unbundled customers are required to manage their own load balancing. Can you please clarify and provide a rationale for the Load Balancing - Commodity (NETFROMSTOR allocation factor) charges that are charged to T1,T2,T3 or E64 under gas cost revenue requirements as shown in:

One rate zone proposed: Exhibit 7, Tab 3, Sch 1, Att 8 and Att 10 and,

Current rate zone: Exhibit 7, Tab 3, Sch 7, att 8 page 6 and att 10 page 6

Response:

Enbridge Gas meets the storage requirements of customers, including Rate T1, Rate T2, Rate T3 (or Rate E64), through a combination of cost-based storage, market-based storage and through the load balancing gas supply purchases. The load balancing commodity costs are incurred by contracting for peaking services and purchasing incremental gas supply over the winter period to meet seasonal and design day demands for customers. As such, Enbridge Gas allocates load balancing commodity costs to customers with storage requirements to meet above average day demands.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question 1:

- 1) In P3/E8/T4/S3, EGI proposed pool consolidation centred around the premise of “*all bundled DP customers will have a combination of Dawn, Parkway and/or ECDA points of receipt for their supply.*” We would like to understand if the existing pool consolidations available in Union North and EGD rate zones would be maintained if:
- a) Empress receipt point is maintained
 - b) Empress receipt point is maintained, and a three-rate zone model is adopted

Please confirm or clarify EGI's views on pool consolidation in these respective scenarios.

Response:

Pool consolidation differs between the EGD and Union North rate zone today.

In the EGD rate zone:

- Dawn (DTS) pools may include accounts in the ECDA and EEDA because both delivery areas are in the same rate zone and all DCQ is delivered at the Dawn point of receipt;
- Western (WTS) pools may include accounts in the ECDA and EEDA because they are in the same rate zone and all DCQ is delivered at the Empress point of receipt; and
- Ontario (OTS) pools distinguish between accounts in the ECDA and EEDA as the Ontario DCQ point of receipt differs based on the delivery area – there are no pools with an Ontario point of receipt in the EEDA today.

In the Union North rate zone, there is no pool consolidation across delivery areas within a rate zone.

Under the harmonization proposal, to consolidate pools, the accounts must be in the same rate zone and be subject to the same gas supply transportation rates based on their DCQ points of receipt.

- a) If Empress is maintained with a single rate zone, pools with an Empress point of receipt could be consolidated across all delivery areas within the single rate zone. Pools with an Empress point of receipt could not be consolidated with pools with a combination of Dawn and Parkway/ECDA points of receipt because the rates and cost recovery would differ.
- b) If Empress is maintained with three rate zones (South, Central/East, and North), the pools cannot be combined across rate zones as the rates would differ. As such, pools with:
- Empress DCQ point of receipt could be consolidated across delivery areas within each rate zone;
 - Dawn DCQ point of receipt could be consolidated across delivery areas within each rate zone;
 - ECDA DCQ point of receipt could be consolidated as they are today in the Central service area; and
 - South pools with Dawn and Parkway receipts points could be consolidated as they are today.

Question 2:

What are the implications of moving to a three-rate zone model on EGI's proposals for Balancing Transaction Pricing?
Please clarify the drivers behind any change to the proposals.

Response:

Balancing transaction charges are cost-based and recognize the transportation difference between the Empress point of receipt and other points of receipt. The proposed balancing transaction charges are provided in Rider A at Exhibit 8, Tab 2, Schedule 7, Attachment 1. Please also see Phase 3 Exhibit 8, Tab 4, Schedule 3, pages 46 to 48 for a description of the proposed balancing transaction pricing.

If there are three rate zones, the balancing transaction pricing as proposed would continue as it recognizes the differences in cost recovery, assuming no additional changes to the proposed rate design for gas supply commodity charges and gas supply transportation charges.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

1. Please confirm if the load balancing - commodity charges for semi-unbundled customers are a result of the new cost allocation study or a continuation of legacy cost allocation studies. Please provide background information on the allocation of these costs and the historical approved CA studies related to load balancing.
2. Please confirm that semi-unbundled customers are required to manage their own load balancing.
3. Please confirm that semi-unbundled customers use their DCQ, storage space and injection/withdraw rights to manage their load balancing activities.
4. Please confirm the semi-unbundled customers can nominate incremental gas on peak days based on their demand requirements to ensure that they do not overrun any of their contract parameters.
5. Please confirm that semi-unbundled customers are subject to charges and contractual remedies (penalties) if they fail to deliver their DCQ, overrun their storage space or overrun their withdrawal rights.
6. Please confirm that semi-unbundled customers are allocated costs for their storage space and storage deliverability based on their usage/demand and contract parameters
7. We are unable to understand why semi-unbundled customers who:
 - a) pay for their storage space and storage deliverability (injection/withdraw rights),
 - b) use their storage space and the withdrawal right along with incremental gas to manage their load during peak demand days (load balancing),
 - c) their storage deliverability is reduced when storage balance is below 20%, and,

- d) they are penalized if they overrun any contract parameter (storage space or storage deliverability)
8. Are allocated load balancing-commodity on top of the storage space and storage deliverability costs and penalties. Please expand on your justification to cover the concerns covered in these questions.

Response:

1. Not Confirmed. The allocation of load balancing commodity costs to semi-unbundled customers results from the utility amalgamation.

Prior to amalgamation, Union had sufficient cost-based storage to meet storage requirements of in-franchise customers on a stand-alone basis. Upon amalgamation, Enbridge Gas integrated its storage operation (Dawn and Tecumseh) and operates it as one facility. The integrated storage operation does not have sufficient cost-based storage to meet the storage requirements of all in-franchise customers on a combined basis for the EGD and Union rate zones. As a result, to meet the in-franchise storage requirements, Enbridge Gas uses a combination of cost-based storage, market-based storage and load balancing gas supply purchases (also referred to as load balancing commodity in the Cost Allocation Study). The costs to provide storage service were included in the 2024 Test Year Forecast and approved in Phase 2¹ of the 2024 Rebasing proceeding.

The load balancing commodity costs are incurred by contracting for peaking services and purchasing incremental gas supply over the winter period to meet seasonal and design day demands for customers. Load balancing commodity costs are essentially a storage cost in that they are used to provide storage service in lieu of building additional storage facilities or buying additional market-based storage.

- 2-6. Confirmed (all parts).
- 7-8. The load balancing commodity costs are separately identified in the Cost Allocation Study. As there is insufficient cost-based and market-based storage to provide storage service to in-franchise customers, Enbridge Gas incurs these additional costs for load balancing commodity to provide the storage service. Said differently, the amount of cost-based and market-based storage costs allocated to Rate T3 (or

¹ EB-2024-0111.

Rate E64) in the Cost Allocation Study is not enough to meet their contract parameters without the inclusion of the load balancing commodity costs. The combined underpinning costs to provide storage service are common for all in-franchise customers that take storage service and as such, all customers² who take regulated cost-based storage service are allocated a portion of these costs.

² Including distributors taking in-franchise services with access to cost-based based storage.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

Please provide corrected rate/bill impacts for EGI's single rate zone (with regional adjustments) proposal at the level of detail (i.e. different size customers within existing rate classes and individual bill components) provided in Exhibit P3.8.2.9, Attachment 10. This will provide the ability to compare those details to the 3 rate zone (single distribution rate with regional adjustments) updated rate/bill impact details.

Could EGI provide a version of P3.8.2.9, Attachment 10, updated for two corrections, i.e.:

1. The M2 correction.
2. The T2 break point correction.

Two supplementary requests:

1. On the updated Ex. P3.8.2.9, Attachment 10, if you could include a column indicating the further impact, where applicable, of separate allocation of Panhandle costs based on Panhandle system demands, that would provide all of the relevant 1 rate zone proposal figures in one place.
2. Could you provide a similarly adjusted (for Panhandle cost separation impacts) version of the 3 rate zone alternative, with all of the relevant 3 rate zones scenario figures in one place.

Response:

Please see Attachment 1 for the typical bill impacts for the One Rate Zone – Proposed rate zone alternative, including the impacts of the alternative cost allocation approach that separates the demand costs of the Panhandle System and St. Clair System and the resulting incremental change by rate class.

Please see Attachment 2 for the typical bill impacts for the Three Rate Zones alternative, including the impacts of the alternative cost allocation approach that separates the demand costs of the Panhandle System and St. Clair System and the resulting incremental change by rate class.

Both attachments include the correction to average Rate M2 customers and the revised allocation of costs to Rate E20 firm transportation demand blocks.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed EGD Rate Zone									
		EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		Bill Impact - Panhandle and St. Clair Split	
Line No.	Particulars	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Including Federal Carbon Change (%)	Excluding Federal Carbon Change (%)	Excluding Federal Carbon Change (%)	Total Bill Change (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)
									(i) = (h - g)
Small Rate 1 to Rate E01									
Demand 24 m ³ Annual Volume 2,400 m ³									
1	Delivery Charges	552	22.9924	538	22.4365	(13)	(2.4%)	(2.2%)	0.2%
2	Federal Carbon Charge	366	15.2500	366	15.2500	-	0.0%	0.0%	0.0%
3	Gas Supply Transportation	117	4.8806	43	1.8032	(74)	(63.1%)	(63.1%)	0.0%
4	Gas Supply Commodity	252	10.4826	346	14.4019	94	37.4%	37.4%	0.0%
5	Total Bill - Sales Service	1,287	53.6056	1,293	53.8916	7	0.5%	0.7%	0.1%
6	Total Bill - Bundled Direct Purchase WTS	1,381	57.5249	1,356	56.4835	(25)	(1.8%)	(2.5%)	0.1%
7	Bundled Direct Purchase Impact WTS						(2.8%)	(3.5%)	0.2%
8	Total Bill - Bundled Direct Purchase DTS	1,286	53.5843	1,293	53.8916	7	0.6%	0.8%	0.1%
9	Bundled Direct Purchase Impact DTS						0.8%	1.3%	0.2%
Large Rate 1 to Rate E01									
Demand 51 m ³ Annual Volume 5,048 m ³									
10	Delivery Charges	821	16.2702	747	14.8047	(74)	(9.0%)	(8.7%)	0.3%
11	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%	0.0%
12	Gas Supply Transportation	246	4.8806	91	1.8032	(155)	(63.1%)	(63.1%)	0.0%
13	Gas Supply Commodity	529	10.4826	727	14.4019	198	37.4%	37.4%	0.0%
14	Total Bill - Sales Service	2,367	46.8834	2,335	46.2598	(31)	(1.3%)	(2.0%)	0.2%
15	Total Bill - Bundled Direct Purchase WTS	2,565	50.8026	2,466	48.8517	(98)	(3.8%)	(5.5%)	0.2%
16	Bundled Direct Purchase Impact WTS						(5.4%)	(9.2%)	0.3%
17	Total Bill - Bundled Direct Purchase DTS	2,366	46.8620	2,335	46.2598	(30)	(1.3%)	(1.7%)	0.2%
18	Bundled Direct Purchase Impact DTS						(1.9%)	(3.5%)	0.3%
Small Rate 6 to Rate E01									
Demand 51 m ³ Annual Volume 5,048 m ³									
19	Delivery Charges	1,524	30.1901	747	14.8047	(777)	(51.0%)	(50.8%)	0.2%
20	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%	0.0%
21	Gas Supply Transportation	246	4.8806	91	1.8000	(155)	(63.1%)	(63.1%)	0.0%
22	Gas Supply Commodity	530	10.5065	727	14.4019	197	37.1%	37.1%	0.0%
23	Total Bill - Sales Service	3,071	60.8272	2,335	46.2598	(735)	(23.9%)	(32.0%)	0.1%
24	Total Bill - Bundled Direct Purchase WTS	3,267	64.7226	2,466	48.8517	(801)	(24.5%)	(32.0%)	0.1%
25	Bundled Direct Purchase Impact WTS						(31.5%)	(45.1%)	0.2%
26	Total Bill - Bundled Direct Purchase DTS	3,068	60.7820	2,335	46.2598	(733)	(23.9%)	(31.8%)	0.1%
27	Bundled Direct Purchase Impact DTS						(31.3%)	(46.6%)	0.2%
Average Rate 6 to Rate E02									
Demand 206 m ³ Annual Volume 22,606 m ³									
28	Delivery Charges	3,046	13.4745	2,014	8.9086	(1,032)	(33.9%)	(33.9%)	0.3%
29	Federal Carbon Charge	3,447	15.2500	3,447	15.2500	-	0.0%	0.0%	0.0%
30	Gas Supply Transportation	1,103	4.8806	368	1.6300	(736)	(66.7%)	(66.7%)	0.0%
31	Gas Supply Commodity	2,375	10.5065	3,256	14.4019	881	37.1%	37.1%	0.0%
32	Total Bill - Sales Service	9,972	44.1116	9,085	40.1964	(887)	(8.9%)	(13.8%)	0.1%
33	Total Bill - Bundled Direct Purchase WTS	10,852	48.0069	9,670	191.5702	(1,182)	(10.9%)	(15.8%)	0.1%
34	Bundled Direct Purchase Impact WTS						(15.6%)	(28.9%)	0.2%
35	Total Bill - Bundled Direct Purchase DTS	9,962	44.0663	9,085	179.9631	(877)	(8.8%)	(13.5%)	0.1%
36	Bundled Direct Purchase Impact DTS						(13.1%)	(26.6%)	0.3%
Large Rate 6 to Rate E02									
Demand 3,097 m ³ Annual Volume 339,124 m ³									
37	Delivery Charges	23,794	7.0162	25,322	7.4670	1,529	6.4%	6.4%	0.6%
38	Federal Carbon Charge	51,716	15.2500	51,716	15.2500	-	0.0%	0.0%	0.0%
39	Gas Supply Transportation	16,551	4.8806	5,514	1.6259	(11,037)	(66.7%)	(66.7%)	0.0%
40	Gas Supply Commodity	35,630	10.5065	48,849	14.4019	13,219	37.1%	37.1%	0.0%
41	Total Bill - Sales Service	127,692	37.6533	131,393	38.7448	3,701	2.9%	4.9%	0.2%
42	Total Bill - Bundled Direct Purchase WTS	140,902	41.5487	140,183	41.3367	(719)	(0.5%)	(0.8%)	0.2%
43	Bundled Direct Purchase Impact WTS						(0.8%)	(1.4%)	0.4%
44	Total Bill - Bundled Direct Purchase DTS	127,538	37.6081	131,393	38.7448	3,855	3.0%	5.1%	0.2%
45	Bundled Direct Purchase Impact DTS						4.9%	14.3%	0.5%
Small Rate 100 to Rate E10									
Demand 2,993 m ³ Annual Volume 339,188 m ³									
46	Delivery Charges	25,578	7.5410	28,218	8.3193	2,640	10.3%	15.9%	5.6%
47	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%	0.0%
48	Gas Supply Transportation	16,554	4.8806	2,740	0.8078	(13,814)	(83.4%)	(83.4%)	0.0%
49	Gas Supply Commodity	35,637	10.5065	48,849	14.4019	13,212	37.1%	37.1%	0.0%
50	Total Bill - Sales Service	129,495	38.1781	131,534	38.7790	2,038	1.6%	4.5%	1.8%
51	Total Bill - Bundled Direct Purchase WTS	142,708	42.0734	140,325	41.3709	(2,383)	(1.7%)	(2.6%)	0.0%
52	Bundled Direct Purchase Impact WTS						(5.7%)	(2.3%)	3.4%
53	Total Bill - Bundled Direct Purchase DTS	129,342	38.1328	131,534	38.7790	2,192	1.7%	4.7%	1.8%
54	Bundled Direct Purchase Impact DTS						2.7%	7.6%	5.0%
Average Rate 100 to Rate E10									
Demand 15,000 m ³ Annual Volume 598,567 m ³									
55	Delivery Charges	91,322	15.2567	114,214	19.0813	22,892	25.1%	32.9%	7.8%
56	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%	0.0%
57	Gas Supply Transportation	29,214	4.8806	4,835	0.8078	(24,378)	(83.4%)	(83.4%)	0.0%
58	Gas Supply Commodity	62,888	10.5065	86,205	14.4019	23,316	37.1%	37.1%	0.0%
59	Total Bill - Sales Service	274,705	45.8938	296,536	49.5410	21,831	7.9%	15.8%	3.9%
60	Total Bill - Bundled Direct Purchase WTS	298,022	49.7892	312,050	52.1329	14,028	4.7%	10.2%	3.5%
61	Bundled Direct Purchase Impact WTS						6.6%	17.6%	5.9%
62	Total Bill - Bundled Direct Purchase DTS	274,435	45.8486	296,536	49.5410	22,101	8.1%	16.1%	3.9%
63	Bundled Direct Purchase Impact DTS						11.7%	22.8%	7.4%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed EGD Rate Zone											
		EB-2024-0166 - Current Approved (1)(2)			EB-2025-0064 - 2024 Proposed (2)			Bill Impact		Bill Impact - Parhandle and St. Clair Split	
Line		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill	Including Federal Carbon Charge	Excluding Federal Carbon Charge	Excluding Federal Carbon Charge	Total Bill Change	
No.	Particulars	(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)	(%)	(%)	
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)	(i) = (h - g)	
Large Rate 100 to Rate E10											
Demand 30,000 m ³ Annual Volume 1,500,000 m ³											
64	Delivery Charges	189,323	12.6215	200,588	13.3726	11,265	6.0%	6.0%	12.7%	6.7%	
65	Federal Carbon Charge	228,750	15.2500	228,750	15.2500	-	0.0%	0.0%	0.0%	0.0%	
66	Gas Supply Transportation	73,209	4.8806	12,118	0.8078	(61,091)	(83.4%)	(83.4%)	(83.4%)	0.0%	
67	Gas Supply Commodity	157,598	10.5055	216,028	14.4019	58,430	37.1%	37.1%	37.1%	0.0%	
68	Total Bill - Sales Service	648,879	43.2586	657,484	43.8323	8,605	1.3%	2.0%	5.1%	3.0%	
									0.0%	0.0%	
69	Total Bill - Bundled Direct Purchase WTS	707,310	47.1540	696,362	46.4242	(10,947)	(1.5%)	(2.3%)	0.4%	2.7%	
70	Bundled Direct Purchase Impact WTS								(2.3%)	4.8%	
71	Total Bill - Bundled Direct Purchase DTS	648,201	43.2134	657,484	43.8323	9,283	1.4%	2.2%	5.2%	3.0%	
72	Bundled Direct Purchase Impact DTS							2.1%	4.6%	10.8%	
									6.3%		
Small Rate 110 to Rate E10											
Demand 3,292 m ³ Annual Volume 598,568 m ³											
73	Delivery Charges	25,839	4.3168	31,080	5.1924	5,241	20.3%	20.3%	26.4%	6.1%	
74	Federal Carbon Charge	91,282	15.2500	91,282	15.2500	-	0.0%	0.0%	0.0%	0.0%	
75	Gas Supply Transportation	29,214	4.8806	4,835	0.8078	(24,378)	(83.4%)	(83.4%)	(83.4%)	0.0%	
76	Gas Supply Commodity	62,511	10.4435	86,205	14.4019	23,693	37.9%	37.9%	37.9%	0.0%	
77	Total Bill - Sales Service	208,846	34.8909	213,402	35.6521	4,556	2.2%	3.9%	5.2%	1.3%	
									0.0%	0.0%	
78	Total Bill - Bundled Direct Purchase WTS	232,539	38.8493	228,916	38.2440	(3,623)	(1.6%)	(2.6%)	1.1%	1.1%	
79	Bundled Direct Purchase Impact WTS								(6.6%)	(3.1%)	
80	Total Bill - Bundled Direct Purchase DTS	208,952	34.9087	213,402	35.6521	4,450	2.1%	3.8%	5.1%	1.3%	
81	Bundled Direct Purchase Impact DTS							3.6%	14.1%	19.1%	
									5.0%		
Average Rate 110 to Rate E10											
Demand 36,413 m ³ Annual Volume 9,976,120 m ³											
82	Delivery Charges	248,847	2.4944	255,703	2.5632	6,856	2.8%	2.8%	8.7%	5.9%	
83	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%	0.0%	0.0%	
84	Gas Supply Transportation	486,895	4.8806	80,591	0.8078	(406,303)	(83.4%)	(83.4%)	(83.4%)	0.0%	
85	Gas Supply Commodity	1,041,856	10.4435	1,436,747	14.4019	394,891	37.9%	37.9%	37.9%	0.0%	
86	Total Bill - Sales Service	3,298,956	33.0685	3,294,400	33.0229	(4,556)	(0.1%)	(0.3%)	0.6%	0.8%	
									0.0%	0.0%	
87	Total Bill - Bundled Direct Purchase WTS	3,693,846	37.0269	3,552,971	35.6148	(140,875)	(3.8%)	(6.5%)	2.7%	0.7%	
88	Bundled Direct Purchase Impact WTS								(6.2%)	(19.1%)	
89	Total Bill - Bundled Direct Purchase DTS	3,300,727	33.0863	3,294,400	33.0229	(6,328)	(0.2%)	(0.4%)	0.5%	0.8%	
90	Bundled Direct Purchase Impact DTS							(0.3%)	(1.8%)	2.5%	
									4.3%		
Large Rate 110 to Rate E10											
Demand 53,871 m ³ Annual Volume 9,976,121 m ³											
91	Delivery Charges	302,287	3.0301	340,032	3.4085	37,745	12.5%	12.5%	19.2%	6.7%	
92	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%	0.0%	0.0%	
93	Gas Supply Transportation	486,895	4.8806	80,591	0.8078	(406,303)	(83.4%)	(83.4%)	(83.4%)	0.0%	
94	Gas Supply Commodity	1,041,856	10.4435	1,436,747	14.4019	394,891	37.9%	37.9%	37.9%	0.0%	
95	Total Bill - Sales Service	3,352,397	33.6042	3,378,729	33.8682	26,332	0.8%	1.4%	2.5%	1.1%	
									0.0%	0.0%	
96	Total Bill - Bundled Direct Purchase WTS	3,747,287	37.5626	3,637,300	36.4601	(109,987)	(2.9%)	(4.9%)	(4.0%)	0.9%	
97	Bundled Direct Purchase Impact WTS								(4.8%)	(13.9%)	
98	Total Bill - Bundled Direct Purchase DTS	3,354,168	33.6220	3,378,729	33.8682	24,561	0.7%	1.3%	2.4%	1.1%	
99	Bundled Direct Purchase Impact DTS							1.3%	6.2%	11.3%	
									5.1%		
Small Rate 115 to Rate E10											
Demand 15,300 m ³ Annual Volume 4,471,609 m ³											
100	Delivery Charges	86,590	1.9384	127,374	2.8485	40,784	47.1%	47.1%	55.5%	8.4%	
101	Federal Carbon Charge	681,920	15.2500	681,920	15.2500	-	0.0%	0.0%	0.0%	0.0%	
102	Gas Supply Transportation	218,241	4.8806	36,124	0.8078	(182,118)	(83.4%)	(83.4%)	(83.4%)	0.0%	
103	Gas Supply Commodity	466,992	10.4435	643,996	14.4019	177,004	37.9%	37.9%	37.9%	0.0%	
104	Total Bill - Sales Service	1,453,744	32.5105	1,489,413	33.3082	35,668	2.5%	4.6%	6.6%	0.9%	
									0.0%	0.0%	
105	Total Bill - Bundled Direct Purchase WTS	1,630,746	36.4689	1,605,312	35.9001	(25,434)	(1.6%)	(2.7%)	(1.1%)	0.8%	
106	Bundled Direct Purchase Impact WTS								(2.6%)	(8.3%)	
107	Total Bill - Bundled Direct Purchase DTS	1,454,538	32.5283	1,489,413	33.3082	34,874	2.4%	4.5%	5.5%	0.9%	
108	Bundled Direct Purchase Impact DTS							4.3%	27.1%	32.8%	
									5.7%		
Large Rate 115 to Rate E10											
Demand 238,928 m ³ Annual Volume 69,832,850 m ³											
109	Delivery Charges	1,168,703	1.6736	1,404,385	2.0111	235,682	20.2%	20.2%	26.9%	6.8%	
110	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%	0.0%	0.0%	
111	Gas Supply Transportation	3,406,262	4.8806	564,140	0.8078	(2,844,122)	(83.4%)	(83.4%)	(83.4%)	0.0%	
112	Gas Supply Commodity	7,292,994	10.4435	10,057,227	14.4019	2,764,234	37.9%	37.9%	37.9%	0.0%	
113	Total Bill - Sales Service	22,519,468	32.2477	22,675,262	32.4708	155,793	0.7%	1.3%	2.0%	0.7%	
									0.0%	0.0%	
114	Total Bill - Bundled Direct Purchase WTS	25,283,702	36.2060	24,485,263	35.0627	(798,439)	(3.2%)	(5.5%)	(4.9%)	0.5%	
115	Bundled Direct Purchase Impact WTS								(5.2%)	(15.7%)	
116	Total Bill - Bundled Direct Purchase DTS	22,531,869	32.2654	22,675,262	32.4708	143,393	0.6%	1.2%	1.9%	0.7%	
117	Bundled Direct Purchase Impact DTS							1.1%	7.9%	12.2%	
									4.3%		
Average Rate 125 to Rate E24											
Demand 2,315,000 m ³ Annual Volume 206,000,000 m ³											
118	Delivery Charges	3,558,585	1.7275	3,570,771	1.7334	12,186	0.3%	0.3%	(1.7%)	(2.0%)	
119	Federal Carbon Charge	31,415,000	15.2500	31,415,000	15.2500	-	0.0%	0.0%	0.0%	0.0%	
120	Gas Supply Transportation	21,513,610	10.4435	29,667,626	14.4019	8,154,016	37.9%	37.9%	37.9%	0.0%	
121	Total Bill - Sales Service	56,487,195	27.4210	64,653,597	31.3852	8,166,402	14.5%	32.6%	32.3%	(0.3%)	
									0.0%	0.0%	
122	Total Bill - Bundled Direct Purchase	64,641,411	31.3793	64,653,597	31.3852	12,186	0.0%	0.0%	(0.2%)	(0.2%)	
123	Bundled Direct Purchase Impact							0.0%	0.3%	(1.7%)	
									(1.7%)	(2.0%)	
Average Rate 135 to Rate E34											
Demand 8,180 m ³ Annual Volume 598,567 m ³											
124	Delivery Charges	22,648	3.7637	14,198	2.3720	(8,450)	(37.3%)	(37.3%)	(37.3%)	0.0%	
125	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%	0.0%	0.0%	
126	Gas Supply Transportation	24,171	4.0381	6,022	1.0061	(18,149)	(75.1%)	(75.1%)	(75.1%)	0.0%	
127	Gas Supply Commodity	62,535	10.4475	86,205	14.4019	23,669	37.8%	37.8%	37.8%	0.0%	
128	Total Bill - Sales Service	200,635	33.5193	197,706	33.0299	(2,929)	(1.5%)	(2.7%)	0.0%	0.0%	
									0.0%	0.0%	
129	Total Bill - Bundled Direct Purchase WTS	224,305	37.4737	213,220	35.6218	(11,085)	(4.9%)	(8.3%)	(8.3%)	0.0%	
130	Bundled Direct Purchase Impact WTS								(23.6%)	(23.6%)	
131	Total Bill - Bundled Direct Purchase DTS	200,718	33.5331	197,706	33.0299	(3,012)	(1.5%)	(2.8%)	(2.8%)	0.0%	
132	Bundled Direct Purchase Impact DTS							(2.6%)	(13.0%)	(13.0%)	

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed EGD Rate Zone										
		EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact		Bill Impact - Panhandle and St. Clair Split	
Line No.	Particulars	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Total Bill Change (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)	(i) = (h - g)
Small Rate 145 to Rate E30										
Demand 2,993 m ³ Annual Volume 339,188 m ³										
133	Delivery Charges	15,264	4.5002	9,528	2.8092	(5,736)	(37.6%)	(37.6%)	(37.6%)	0.0%
134	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	0.00	0.0%	0.0%	0.0%	0.0%
135	Gas Supply Transportation	14,696	4.3327	2,169	0.6396	(12,526)	(85.2%)	(85.2%)	(85.2%)	0.0%
136	Gas Supply Commodity	35,437	10.4475	48,849	14.4019	13,413	37.8%	37.8%	37.8%	0.0%
137	Total Bill - Sales Service	117,123	34.5304	112,274	33.1007	(4,849)	(4.1%)	(7.4%)	(7.4%)	0.0%
138	Total Bill - Bundled Direct Purchase WTS	130,536	38.4847	121,065	35.6926	(9,471)	(7.3%)	(12.0%)	(12.0%)	0.0%
139	Bundled Direct Purchase Impact WTS						(11.6%)	(31.6%)	(31.6%)	0.0%
140	Total Bill - Bundled Direct Purchase DTS	117,170	34.5441	112,274	33.1007	(4,896)	(4.2%)	(7.5%)	(7.5%)	0.0%
141	Bundled Direct Purchase Impact DTS						(7.2%)	(29.5%)	(29.5%)	0.0%
Large Rate 145 to Rate E30										
Demand 4,489 m ³ Annual Volume 598,567 m ³										
142	Delivery Charges	24,781	4.1401	11,455	1.9137	(13,326)	(53.8%)	(53.8%)	(53.8%)	0.0%
143	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	0.00	0.0%	0.0%	0.0%	0.0%
144	Gas Supply Transportation	25,934	4.3327	3,828	0.6396	(22,105)	(85.2%)	(85.2%)	(85.2%)	0.0%
145	Gas Supply Commodity	62,535	10.4475	86,205	14.4019	23,669	37.8%	37.8%	37.8%	0.0%
146	Total Bill - Sales Service	204,532	34.1702	192,769	32.2051	(11,762)	(5.8%)	(10.4%)	(10.4%)	0.0%
147	Total Bill - Bundled Direct Purchase WTS	228,201	38.1246	208,284	34.7971	(19,917)	(8.7%)	(14.5%)	(14.5%)	0.0%
148	Bundled Direct Purchase Impact WTS						(14.0%)	(39.3%)	(39.3%)	0.0%
149	Total Bill - Bundled Direct Purchase DTS	204,614	34.1840	192,769	32.2051	(11,845)	(5.8%)	(10.5%)	(10.5%)	0.0%
150	Bundled Direct Purchase Impact DTS						(10.0%)	(43.7%)	(43.7%)	0.0%
Small Rate 170 to Rate E30										
Demand 36,413 m ³ Annual Volume 9,976,120 m ³										
151	Delivery Charges	89,198	0.8941	59,510	0.5965	(29,688)	(33.3%)	(33.3%)	(33.3%)	0.0%
152	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%	0.0%	0.0%
153	Gas Supply Transportation	366,634	3.6751	63,808	0.6396	(302,826)	(82.6%)	(82.6%)	(82.6%)	0.0%
154	Gas Supply Commodity	1,041,856	10.4435	1,436,747	14.4019	394,891	37.8%	37.8%	37.8%	0.0%
155	Total Bill - Sales Service	3,019,047	30.2627	3,081,423	30.8880	62,376	2.1%	4.2%	4.2%	0.0%
156	Total Bill - Bundled Direct Purchase WTS	3,413,937	34.2211	3,339,994	33.4799	(73,943)	(2.2%)	(3.9%)	(3.9%)	0.0%
157	Bundled Direct Purchase Impact WTS						(3.7%)	(16.2%)	(16.2%)	0.0%
158	Total Bill - Bundled Direct Purchase DTS	3,020,818	30.2805	3,081,423	30.8880	60,605	2.0%	4.0%	4.0%	(0.0%)
159	Bundled Direct Purchase Impact DTS						3.8%	96.6%	96.6%	0.0%
Average Rate 170 to Rate E30										
Demand 53,871 m ³ Annual Volume 9,976,121 m ³										
160	Delivery Charges	98,868	0.9910	76,512	0.7670	(22,355)	(22.6%)	(22.6%)	(22.6%)	0.0%
161	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	0.00	0.0%	0.0%	0.0%	0.0%
162	Gas Supply Transportation	366,634	3.6751	63,808	0.6396	(302,826)	(82.6%)	(82.6%)	(82.6%)	0.0%
163	Gas Supply Commodity	1,041,856	10.4435	1,436,747	14.4019	394,891	37.9%	37.9%	37.9%	0.0%
164	Total Bill - Sales Service	3,028,717	30.3597	3,098,425	31.0584	69,708	2.3%	4.6%	4.6%	0.0%
165	Total Bill - Bundled Direct Purchase WTS	3,423,607	34.3180	3,356,997	33.6503	(66,610)	(1.9%)	(3.5%)	(3.5%)	0.0%
166	Bundled Direct Purchase Impact WTS						(3.4%)	(14.3%)	(14.3%)	0.0%
167	Total Bill - Bundled Direct Purchase DTS	3,030,488	30.3774	3,098,425	31.0584	67,937	2.2%	4.5%	4.5%	(0.0%)
168	Bundled Direct Purchase Impact DTS						4.3%	93.9%	93.9%	0.0%
Large Rate 170 to Rate E30										
Demand 255,089 m ³ Annual Volume 69,832,850 m ³										
169	Delivery Charges	601,502	0.8619	380,761	0.5452	(221,140)	(36.7%)	(36.7%)	(36.7%)	0.0%
170	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	0.00	0.0%	0.0%	0.0%	0.0%
171	Gas Supply Transportation	2,566,441	3.6751	446,657	0.6396	(2,119,784)	(82.6%)	(82.6%)	(82.6%)	0.0%
172	Gas Supply Commodity	7,292,994	10.4435	10,097,227	14.4019	2,764,234	37.9%	37.9%	37.9%	0.0%
173	Total Bill - Sales Service	21,110,846	30.2305	21,534,156	30.8367	423,309	2.0%	4.0%	4.0%	0.0%
174	Total Bill - Bundled Direct Purchase WTS	23,875,080	34.1889	23,344,157	33.4286	(530,923)	(2.2%)	(4.0%)	(4.0%)	0.0%
175	Bundled Direct Purchase Impact WTS						(5.8%)	(16.8%)	(16.8%)	0.0%
176	Total Bill - Bundled Direct Purchase DTS	21,123,247	30.2483	21,534,156	30.8367	410,909	1.9%	3.9%	3.9%	(0.0%)
177	Bundled Direct Purchase Impact DTS						3.7%	98.7%	98.7%	0.0%
Average Rate 200 to Rate E62 (3)										
Demand 1,252,000 m ³ Annual Volume 140,305,600 m ³										
178	Delivery Charges	6,325,521	4.5084	4,720,488	3.3644	(1,605,033)	(25.4%)	(25.4%)	(25.4%)	0.0%
179	Gas Supply Transportation	6,587,243	4.8949	3,297,748	2.3504	(3,289,494)	(49.9%)	(49.9%)	(49.9%)	0.0%
180	Gas Supply Commodity	14,652,675	10.4434	20,205,612	14.4019	5,553,937	37.9%	37.9%	37.9%	0.0%
181	Total Bill - Sales Service	27,565,439	19.6467	28,224,849	20.1167	659,410	2.4%	2.4%	2.4%	0.0%
182	Total Bill - Bundled Direct Purchase WTS	33,119,376	23.6052	31,861,437	22.7086	(1,257,939)	(3.8%)	(3.8%)	(3.8%)	0.0%
183	Bundled Direct Purchase Impact WTS						(9.7%)	(9.7%)	(9.7%)	0.0%
184	Total Bill - Bundled Direct Purchase DTS	27,580,493	19.6646	28,224,849	20.1167	634,355	2.3%	2.3%	2.3%	(0.0%)
185	Bundled Direct Purchase Impact DTS						8.6%	8.6%	8.6%	(0.0%)

Notes:
(1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
(2) Bill impacts exclude Rider K and Rider R.
(3) Rate 200 customers are not charged the Federal Carbon Charge.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact		Bill Impact - Panhandle and St. Clair Split	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge	Excluding Federal Carbon Charge	Total Bill Change
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)	(i) = (h - g)
	<u>Small Rate 01 to Rate E01</u>	Demand 20 m ³ Annual Volume 2,200 m ³								
1	Delivery Charges	544	24.7128	506	22.9952	(38)	(7.0%)	(7.0%)	(6.8%)	0.2%
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%	0.0%	0.0%
3	Gas Supply Transportation	173	7.8681	40	1.8032	(133)	(77.1%)	(77.1%)	(77.1%)	0.0%
4	Gas Supply Commodity	355	16.1346	317	14.4019	(38)	(10.7%)	(10.7%)	(10.7%)	0.0%
5	Total Bill - Sales Service	1,407	63.9655	1,198	54.4503	(209)	(14.9%)	(19.5%)	(19.4%)	0.1%
6	Total Bill - Bundled Direct Purchase	1,369	62.2327	1,198	54.4503	(171)	(12.5%)	(16.6%)	(16.5%)	0.1%
7	Bundled Direct Purchase Impact						(16.3%)	(23.9%)	(23.7%)	0.1%
	<u>Large Rate 01 to Rate E02</u>	Demand 365 m ³ Annual Volume 40,000 m ³								
8	Delivery Charges	4,148	10.3691	3,289	8.2226	(859)	(20.7%)	(20.7%)	(20.3%)	0.4%
9	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%	0.0%	0.0%
10	Gas Supply Transportation	3,147	7.8681	650	1.6259	(2,497)	(79.3%)	(79.3%)	(79.3%)	0.0%
11	Gas Supply Commodity	6,454	16.1346	5,761	14.4019	(693)	(10.7%)	(10.7%)	(10.7%)	0.0%
12	Total Bill - Sales Service	19,849	49.6218	15,800	39.5004	(4,049)	(20.4%)	(29.4%)	(29.3%)	0.1%
13	Total Bill - Bundled Direct Purchase	19,156	47.8891	15,800	39.5004	(3,355)	(17.5%)	(25.7%)	(25.6%)	0.1%
14	Bundled Direct Purchase Impact						(25.1%)	(46.0%)	(45.8%)	0.2%
	<u>Small Rate 10 to Rate E02</u>	Demand 548 m ³ Annual Volume 60,000 m ³								
15	Delivery Charges	5,865	9.7744	4,771	7.9516	(1,094)	(18.6%)	(18.6%)	(18.2%)	0.4%
16	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%	0.0%	0.0%
17	Gas Supply Transportation	3,726	6.2100	976	1.6259	(2,750)	(73.8%)	(73.8%)	(73.8%)	0.0%
18	Gas Supply Commodity	9,681	16.1346	8,641	14.4019	(1,040)	(10.7%)	(10.7%)	(10.7%)	0.0%
19	Total Bill - Sales Service	28,421	47.3690	23,538	39.2294	(4,884)	(17.2%)	(25.3%)	(25.2%)	0.1%
20	Total Bill - Bundled Direct Purchase	27,382	45.6362	23,538	39.2294	(3,844)	(14.0%)	(21.1%)	(20.9%)	0.1%
21	Bundled Direct Purchase Impact						(20.5%)	(40.1%)	(39.8%)	0.3%
	<u>Average Rate 10 to Rate E02</u>	Demand 850 m ³ Annual Volume 93,000 m ³								
22	Delivery Charges	8,330	8.9572	7,203	7.7451	(1,127)	(13.5%)	(13.5%)	(13.1%)	0.5%
23	Federal Carbon Charge	14,183	15.2500	14,183	15.2500	-	0.0%	0.0%	0.0%	0.0%
24	Gas Supply Transportation	5,775	6.2100	1,512	1.6259	(4,263)	(73.8%)	(73.8%)	(73.8%)	0.0%
25	Gas Supply Commodity	15,005	16.1346	13,394	14.4019	(1,611)	(10.7%)	(10.7%)	(10.7%)	0.0%
26	Total Bill - Sales Service	43,293	46.5518	36,291	39.0229	(7,002)	(16.2%)	(24.1%)	(23.9%)	0.1%
27	Total Bill - Bundled Direct Purchase	41,682	44.8190	36,291	39.0229	(5,390)	(12.9%)	(19.6%)	(19.5%)	0.1%
28	Bundled Direct Purchase Impact						(19.1%)	(38.2%)	(37.9%)	0.3%
	<u>Large Rate 10 to Rate E02</u>	Demand 2,285 m ³ Annual Volume 250,000 m ³								
29	Delivery Charges	19,249	7.6998	18,773	7.5093	(476)	(2.5%)	(2.5%)	(1.9%)	0.5%
30	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%	0.0%	0.0%
31	Gas Supply Transportation	15,525	6.2100	4,065	1.6259	(11,460)	(73.8%)	(73.8%)	(73.8%)	0.0%
32	Gas Supply Commodity	40,337	16.1346	36,005	14.4019	(4,332)	(10.7%)	(10.7%)	(10.7%)	0.0%
33	Total Bill - Sales Service	113,236	45.2944	96,968	38.7871	(16,268)	(14.4%)	(21.7%)	(21.5%)	0.1%
34	Total Bill - Bundled Direct Purchase	108,904	43.5616	96,968	38.7871	(11,936)	(11.0%)	(16.9%)	(16.7%)	0.1%
35	Bundled Direct Purchase Impact						(16.4%)	(34.3%)	(34.0%)	0.3%
	<u>Small Rate 20 to Rate E10</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³								
36	Delivery Charges	94,661	3.1554	113,952	3.7984	19,292	20.4%	20.4%	27.4%	7.1%
37	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%	0.0%	0.0%
38	Gas Supply Transportation	67,878	2.2626	24,235	0.8078	(43,642)	(64.3%)	(64.3%)	(64.3%)	0.0%
39	Gas Supply Commodity	471,079	15.7026	432,056	14.4019	(39,023)	(8.3%)	(8.3%)	(8.3%)	0.0%
40	Total Bill - Sales Service	1,091,117	36.3706	1,027,743	34.2581	(63,374)	(5.8%)	(10.0%)	(8.9%)	1.1%
41	Total Bill - Bundled Direct Purchase	1,052,094	35.0698	1,027,743	34.2581	(24,351)	(2.3%)	(4.1%)	(3.0%)	1.1%
42	Bundled Direct Purchase Impact						(3.9%)	(15.0%)	(10.9%)	4.1%
	<u>Large Rate 20 to Rate E10</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³								
43	Delivery Charges	367,583	2.4506	383,944	2.5596	16,362	4.5%	4.5%	10.5%	6.1%
44	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%	0.0%	0.0%
45	Gas Supply Transportation	290,904	1.9394	121,177	0.8078	(169,728)	(58.3%)	(58.3%)	(58.3%)	0.0%
46	Gas Supply Commodity	2,355,394	15.7026	2,160,279	14.4019	(195,115)	(8.3%)	(8.3%)	(8.3%)	0.0%
47	Total Bill - Sales Service	5,301,381	35.3425	4,952,899	33.0193	(348,482)	(6.6%)	(11.6%)	(10.8%)	0.7%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		Bill Impact - Panhandle and St. Clair Split	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)
									(i) = (h - g)
48	Total Bill - Bundled Direct Purchase	5,106,266	34.0418	4,952,899	33.0193	(153,366)	(3.0%)	(5.4%)	0.0%
49	Bundled Direct Purchase Impact						(5.2%)	(23.3%)	0.8%
									3.4%
	<u>Small Rate 20 to Rate E22</u>								
	Demand 14,000 m ³ Annual Volume 3,000,000 m ³								
50	Delivery Charges	94,661	3.1554	63,912	2.1304	(30,748)	(32.5%)	(32.5%)	0.0%
51	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%	0.0%	0.0%
52	Gas Supply Transportation	67,878	2.2626	432,056	0.0000	(67,878)	(100.0%)	(100.0%)	0.0%
53	Gas Supply Commodity	471,079	15.7026	432,056	14.4019	(39,023)	(8.3%)	(8.3%)	0.0%
54	Total Bill - Sales Service	1,091,117	36.3706	953,468	31.7823	(137,649)	(12.6%)	(21.7%)	0.0%
									0.0%
55	Total Bill - Bundled Direct Purchase	1,052,094	35.0698	953,468	31.7823	(98,626)	(9.4%)	(16.6%)	0.0%
56	Bundled Direct Purchase Impact						(15.9%)	(60.7%)	0.0%
	<u>Large Rate 20 to Rate E22</u>								
	Demand 60,000 m ³ Annual Volume 15,000,000 m ³								
57	Delivery Charges	367,583	2.4506	170,676	1.1378	(196,907)	(53.6%)	(53.6%)	0.0%
58	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%	0.0%	0.0%
59	Gas Supply Transportation	290,904	1.9394	-	0.0000	(290,904)	(100.0%)	(100.0%)	0.0%
60	Gas Supply Commodity	2,355,394	15.7026	2,160,279	14.4019	(195,115)	(8.3%)	(8.3%)	0.0%
61	Total Bill - Sales Service	5,301,381	35.3425	4,618,454	30.7897	(682,927)	(12.9%)	(22.7%)	0.0%
									0.0%
62	Total Bill - Bundled Direct Purchase	5,106,266	34.0418	4,618,454	30.7897	(487,811)	(9.6%)	(17.3%)	0.0%
63	Bundled Direct Purchase Impact						(16.6%)	(74.1%)	0.0%
	<u>Average Rate 25 to Rate E30</u>								
	Demand 20,776 m ³ Annual Volume 2,275,000 m ³								
64	Delivery Charges	81,608	3.5871	30,350	1.3340	(51,258)	(62.8%)	(62.8%)	0.0%
65	Federal Carbon Charge	346,938	15.2500	346,938	15.2500	-	0.0%	0.0%	0.0%
66	Gas Supply Transportation	20,789	0.9138	14,551	0.6396	(6,238)	(30.0%)	(30.0%)	0.0%
67	Gas Supply Commodity	218,557	9.6069	327,642	14.4019	109,085	49.9%	49.9%	0.0%
68	Total Bill - Sales Service	667,891	29.3578	719,480	31.6255	51,589	7.7%	16.1%	0.0%
									0.0%
69	Total Bill - Bundled Direct Purchase	776,976	34.1528	719,480	31.6255	(57,496)	(7.4%)	(13.4%)	0.0%
70	Bundled Direct Purchase Impact						(12.8%)	(56.2%)	0.0%
	<u>Small Rate 100 to Rate E22</u>								
	Demand 100,000 m ³ Annual Volume 27,000,000 m ³								
71	Delivery Charges	339,465	1.2573	243,529	0.9020	(95,936)	(28.3%)	(28.3%)	0.0%
72	Federal Carbon Charge	4,117,500	15.2500	4,117,500	15.2500	-	0.0%	0.0%	0.0%
73	Gas Supply Transportation	1,115,631	4.1320	-	0.0000	(1,115,631)	(100.0%)	(100.0%)	0.0%
74	Gas Supply Commodity	4,239,709	15.7026	3,888,501	14.4019	(351,208)	(8.3%)	(8.3%)	0.0%
75	Total Bill - Sales Service	9,812,306	36.3419	8,249,530	30.5538	(1,562,775)	(15.9%)	(27.4%)	0.0%
									0.0%
76	Total Bill - Bundled Direct Purchase	9,461,098	35.0411	8,249,530	30.5538	(1,211,568)	(12.8%)	(22.7%)	0.0%
77	Bundled Direct Purchase Impact						(2.2%)	(28.3%)	0.0%
78	Total Bill - Unbundled Direct Purchase	8,345,467	30.9091	8,249,530	30.5538	(95,936)	(1.1%)	(2.3%)	0.0%
79	Unbundled Direct Purchase Impact						(2.2%)	(28.3%)	0.0%
	<u>Large Rate 100 to Rate E22</u>								
	Demand 850,000 m ³ Annual Volume 240,000,000 m ³								
80	Delivery Charges	2,767,122	1.1530	1,599,791	0.6666	(1,167,331)	(42.2%)	(42.2%)	0.0%
81	Federal Carbon Charge	36,600,000	15.2500	36,600,000	15.2500	-	0.0%	0.0%	0.0%
82	Gas Supply Transportation	9,482,867	3.9512	-	0.0000	(9,482,867)	(100.0%)	(100.0%)	0.0%
83	Gas Supply Commodity	37,686,304	15.7026	34,564,457	14.4019	(3,121,846)	(8.3%)	(8.3%)	0.0%
84	Total Bill - Sales Service	86,536,292	36.0568	72,764,249	30.3184	(13,772,044)	(15.9%)	(27.6%)	0.0%
									0.0%
85	Total Bill - Bundled Direct Purchase	83,414,446	34.7560	72,764,249	30.3184	(10,650,198)	(12.8%)	(22.7%)	0.0%
86	Bundled Direct Purchase Impact						(3.0%)	(42.2%)	0.0%
87	Total Bill - Unbundled Direct Purchase	73,931,580	30.8048	72,764,249	30.3184	(1,167,331)	(1.6%)	(3.1%)	0.0%
88	Unbundled Direct Purchase Impact						(3.0%)	(42.2%)	0.0%

Notes:
(1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
(2) Bill impacts exclude Rider K and Rider R.
(3) Gas Supply charges based on Union North East Zone.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union South Rate Zone

		EB-2024-0166 - Current Approved (1)/(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		Bill Impact - Panhandle and St. Clair Split		
Line No.	Particulars	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Total Bill Change (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)	(i) = (h - g)
<u>Small Rate M1 to Rate E01</u>										
Demand 20 m ³ Annual Volume 2,200 m ³										
1	Delivery Charges	453	20.5998	506	22.9952	53	11.6%	11.6%	11.9%	0.2%
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%	0.0%	0.0%
3	Gas Supply Transportation	-	-	40	1.8032	40	100.0%	100.0%	100.0%	0.0%
4	Gas Supply Commodity	357	16.2433	317	14.4019	(41)	(11.3%)	(11.3%)	(11.3%)	0.0%
5	Total Bill - Sales Service	1,146	52.0930	1,198	54.4503	52	4.5%	6.4%	6.5%	0.1%
									0.0%	0.0%
6	Total Bill - Bundled Direct Purchase	1,106	50.2516	1,198	54.4503	92	8.4%	12.0%	12.1%	0.1%
7	Bundled Direct Purchase Impact						11.7%	20.4%	20.6%	0.2%
<u>Large Rate M1 to Rate E02</u>										
Demand 365 m ³ Annual Volume 40,000 m ³										
8	Delivery Charges	2,658	6.6459	3,289	8.2226	631	23.7%	23.7%	24.4%	0.6%
9	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%	0.0%	0.0%
10	Gas Supply Transportation	-	-	650	1.6259	650	100.0%	100.0%	100.0%	0.0%
11	Gas Supply Commodity	6,497	16.2433	5,761	14.4019	(737)	(11.3%)	(11.3%)	(11.3%)	0.0%
12	Total Bill - Sales Service	15,256	38.1392	15,800	39.5004	544	3.6%	5.9%	6.1%	0.2%
									0.0%	0.0%
13	Total Bill - Bundled Direct Purchase	14,519	36.2978	15,800	39.5004	1,281	8.8%	15.2%	15.4%	0.2%
14	Bundled Direct Purchase Impact						14.6%	48.2%	48.8%	0.6%
<u>Small Rate M2 to Rate E02</u>										
Demand 613 m ³ Annual Volume 60,000 m ³										
15	Delivery Charges	4,933	8.2216	5,267	8.7780	334	6.8%	6.8%	7.3%	0.6%
16	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%	0.0%	0.0%
17	Gas Supply Transportation	-	-	976	1.6259	976	100.0%	100.0%	100.0%	0.0%
18	Gas Supply Commodity	9,746	16.2433	8,641	14.4019	(1,105)	(11.3%)	(11.3%)	(11.3%)	0.0%
19	Total Bill - Sales Service	23,829	39.7148	24,033	40.0558	205	0.9%	1.4%	1.6%	0.2%
									0.0%	0.0%
20	Total Bill - Bundled Direct Purchase	22,724	37.8734	24,033	40.0558	1,309	5.8%	9.6%	9.9%	0.2%
21	Bundled Direct Purchase Impact						9.3%	26.5%	27.1%	0.6%
<u>Average Rate M2 to Rate E02</u>										
Demand 746 m ³ Annual Volume 73,000 m ³										
22	Delivery Charges	5,773	7.9082	6,332	8.6743	559	9.7%	9.7%	10.3%	0.6%
23	Federal Carbon Charge	11,133	15.2500	11,133	15.2500	-	0.0%	0.0%	0.0%	0.0%
24	Gas Supply Transportation	-	-	1,187	1.6259	1,187	100.0%	100.0%	100.0%	0.0%
25	Gas Supply Commodity	11,858	16.2433	10,513	14.4019	(1,344)	(11.3%)	(11.3%)	(11.3%)	0.0%
26	Total Bill - Sales Service	28,763	39.4015	29,165	39.9521	402	1.4%	2.3%	2.5%	0.2%
									0.0%	0.0%
27	Total Bill - Bundled Direct Purchase	27,419	37.5601	29,165	39.9521	1,746	6.4%	10.7%	10.9%	0.2%
28	Bundled Direct Purchase Impact						10.3%	30.2%	30.8%	0.6%
<u>Large Rate M2 to Rate E02</u>										
Demand 2,556 m ³ Annual Volume 250,000 m ³										
29	Delivery Charges	16,762	6.7047	20,839	8.3357	4,078	24.3%	24.3%	25.0%	0.7%
30	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%	0.0%	0.0%	0.0%
31	Gas Supply Transportation	-	-	4,065	1.6259	4,065	100.0%	100.0%	100.0%	0.0%
32	Gas Supply Commodity	40,608	16.2433	36,005	14.4019	(4,603)	(11.3%)	(11.3%)	(11.3%)	0.0%
33	Total Bill - Sales Service	95,495	38.1979	99,034	39.6135	3,539	3.7%	6.2%	6.4%	0.2%
									0.0%	0.0%
34	Total Bill - Bundled Direct Purchase	90,891	36.3565	99,034	39.6135	8,142	9.0%	15.4%	15.7%	0.2%
35	Bundled Direct Purchase Impact						14.8%	48.6%	49.3%	0.7%
<u>Small Rate M4 to Rate E10</u>										
Demand 4,800 m ³ Annual Volume 875,000 m ³										
36	Delivery Charges	58,954	6.7376	42,575	4.8657	(16,379)	(27.8%)	(27.8%)	(23.9%)	3.9%
37	Federal Carbon Charge	133,438	15.2500	133,438	15.2500	-	0.0%	0.0%	0.0%	0.0%
38	Gas Supply Transportation	-	-	7,069	0.8078	7,069	100.0%	100.0%	100.0%	0.0%
39	Gas Supply Commodity	142,128	16.2433	126,016	14.4019	(16,112)	(11.3%)	(11.3%)	(11.3%)	0.0%
40	Total Bill - Sales Service	334,520	38.2308	309,097	35.3254	(25,422)	(7.6%)	(12.6%)	(11.5%)	1.1%
									0.0%	0.0%
41	Total Bill - Bundled Direct Purchase	318,407	36.3894	309,097	35.3254	(9,310)	(2.9%)	(5.0%)	(3.8%)	1.2%
42	Bundled Direct Purchase Impact						(4.8%)	(15.8%)	(11.9%)	3.9%
<u>Large Rate M4 to Rate E10</u>										
Demand 50,000 m ³ Annual Volume 12,000,000 m ³										
43	Delivery Charges	472,901	3.9408	327,097	2.7258	(145,804)	(30.8%)	(30.8%)	(26.8%)	4.0%
44	Federal Carbon Charge	1,830,000	15.2500	1,830,000	15.2500	-	0.0%	0.0%	0.0%	0.0%
45	Gas Supply Transportation	-	-	96,941	0.8078	96,941	100.0%	100.0%	100.0%	0.0%
46	Gas Supply Commodity	1,949,190	16.2433	1,728,223	14.4019	(220,967)	(11.3%)	(11.3%)	(11.3%)	0.0%
47	Total Bill - Sales Service	4,252,091	35.4341	3,982,261	33.1855	(269,830)	(6.3%)	(11.1%)	(10.4%)	0.8%
									0.0%	0.0%
48	Total Bill - Bundled Direct Purchase	4,031,124	33.5927	3,982,261	33.1855	(48,862)	(1.2%)	(2.2%)	(1.4%)	0.9%
49	Bundled Direct Purchase Impact						(2.1%)	(10.3%)	(6.3%)	4.0%
<u>Small Rate M5 to Rate E30</u>										
Demand 7,500 m ³ Annual Volume 825,000 m ³										
50	Delivery Charges	38,918	4.7173	14,797	1.7935	(24,121)	(62.0%)	(62.0%)	(62.0%)	0.0%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
 Union South Rate Zone

		EB-2024-0166 - Current Approved (1)/(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		Bill Impact - Panhandle and St. Clair Split		
Line No.	Particulars	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Total Bill Change (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)	(i) = (h - g)
51	Federal Carbon Charge	125,813	15.2500	125,813	15.2500	-	0.0%	0.0%	0.0%	0.0%
52	Gas Supply Transportation	-	-	5,277	0.6396	5,277	100.0%	100.0%	100.0%	0.0%
53	Gas Supply Commodity	134,007	16.2433	118,815	14.4019	(15,191)	(11.3%)	(11.3%)	(11.3%)	0.0%
54	Total Bill - Sales Service	298,737	36.2106	264,701	32.0850	(34,036)	(11.4%)	(19.7%)	(19.7%)	0.0%
								0.0%		0.0%
55	Total Bill - Bundled Direct Purchase	283,546	34.3692	264,701	32.0850	(18,844)	(6.6%)	(11.9%)	(11.9%)	0.0%
56	Bundled Direct Purchase Impact						(11.4%)	(48.4%)	(48.4%)	0.0%
	Large Rate M5 to Rate E30	Demand 70,000 m ³ Annual Volume 6,500,000 m ³								
57	Delivery Charges	226,552	3.4854	85,932	1.3220	(140,620)	(62.1%)	(62.1%)	(62.1%)	0.0%
58	Federal Carbon Charge	991,250	15.2500	991,250	15.2500	-	0.0%	0.0%	0.0%	0.0%
59	Gas Supply Transportation	-	-	41,575	0.6396	41,575	100.0%	100.0%	100.0%	0.0%
60	Gas Supply Commodity	1,055,811	16.2433	936,121	14.4019	(119,691)	(11.3%)	(11.3%)	(11.3%)	0.0%
61	Total Bill - Sales Service	2,273,613	34.9787	2,054,877	31.6135	(218,736)	(9.6%)	(17.1%)	(17.1%)	0.0%
								0.0%		0.0%
62	Total Bill - Bundled Direct Purchase	2,153,922	33.1373	2,054,877	31.6135	(99,045)	(4.6%)	(8.5%)	(8.5%)	0.0%
63	Bundled Direct Purchase Impact						(8.1%)	(43.7%)	(43.7%)	0.0%
	Small Rate M7 to Rate E10	Demand 165,000 m ³ Annual Volume 36,000,000 m ³								
64	Delivery Charges	871,721	2.4214	950,937	2.6415	79,216	9.1%	9.1%	15.5%	6.4%
65	Federal Carbon Charge	5,490,000	15.2500	5,490,000	15.2500	-	0.0%	0.0%	0.0%	0.0%
66	Gas Supply Transportation	-	-	290,824	0.8078	290,824	100.0%	100.0%	100.0%	0.0%
67	Gas Supply Commodity	5,847,570	16.2433	5,184,669	14.4019	(662,902)	(11.3%)	(11.3%)	(11.3%)	0.0%
68	Total Bill - Sales Service	12,209,291	33.9147	11,916,429	33.1012	(292,862)	(2.4%)	(4.4%)	(3.5%)	0.8%
								0.0%		0.0%
69	Total Bill - Bundled Direct Purchase	11,546,389	32.0733	11,916,429	33.1012	370,040	3.2%	6.1%	7.0%	0.9%
70	Bundled Direct Purchase Impact						5.8%	42.4%	48.8%	6.4%
	Large Rate M7 to Rate E10	Demand 720,000 m ³ Annual Volume 52,000,000 m ³								
71	Delivery Charges	3,396,434	6.5316	3,677,362	7.0719	280,928	8.3%	8.3%	15.1%	6.8%
72	Federal Carbon Charge	7,930,000	15.2500	7,930,000	15.2500	-	0.0%	0.0%	0.0%	0.0%
73	Gas Supply Transportation	-	-	420,079	0.8078	420,079	100.0%	100.0%	100.0%	0.0%
74	Gas Supply Commodity	8,446,490	16.2433	7,488,966	14.4019	(957,525)	(11.3%)	(11.3%)	(11.3%)	0.0%
75	Total Bill - Sales Service	19,772,924	38.0249	19,516,406	37.5316	(256,518)	(1.3%)	(2.2%)	(0.2%)	2.0%
								0.0%		0.0%
76	Total Bill - Bundled Direct Purchase	18,815,400	36.1835	19,516,406	37.5316	701,007	3.7%	6.4%	8.6%	2.1%
77	Bundled Direct Purchase Impact						6.2%	20.6%	27.5%	6.8%
	Small Rate M9 to Rate E62 (3)	Demand 56,439 m ³ Annual Volume 6,950,000 m ³								
78	Delivery Charges	209,336	3.0120	220,338	3.1703	11,001		5.3%	5.3%	0.0%
80	Gas Supply Transportation	-	-	56,145	0.8078	56,145		100.0%	100.0%	0.0%
79	Gas Supply Commodity	1,128,906	16.2433	1,000,929	14.4019	(127,977)		(11.3%)	(11.3%)	0.0%
81	Total Bill - Sales Service	1,338,242	19.2553	1,277,412	18.3800	(60,830)		(8.7%)	(8.7%)	0.0%
								0.0%		0.0%
82	Total Bill - Bundled Direct Purchase	1,210,265	17.4139	1,277,412	18.3800	67,147		5.5%	5.5%	(0.0%)
83	Bundled Direct Purchase Impact							32.1%	32.1%	(0.0%)
	Large Rate M9 to Rate E62 (3)	Demand 168,100 m ³ Annual Volume 20,178,000 m ³								
84	Delivery Charges	621,999	3.0826	642,877	3.1860	20,878		3.4%	3.4%	0.0%
86	Gas Supply Transportation	-	-	163,007	0.8078	163,007		100.0%	100.0%	0.0%
85	Gas Supply Commodity	3,277,563	16.2433	2,906,007	14.4019	(371,556)		(11.3%)	(11.3%)	0.0%
87	Total Bill - Sales Service	3,899,562	19.3258	3,711,890	18.3957	(187,671)		(9.0%)	(9.0%)	0.0%
								0.0%		0.0%
88	Total Bill - Bundled Direct Purchase	3,528,005	17.4844	3,711,890	18.3957	183,885		5.2%	5.2%	(0.0%)
89	Bundled Direct Purchase Impact							29.6%	29.6%	(0.0%)
	Small Rate T1 to Rate E20	Demand 25,750 m ³ Annual Volume 7,537,000 m ³								
90	Delivery Charges	176,699	2.3444	175,478	2.3282	(1,221)	(0.7%)	(0.7%)	(13.1%)	(12.4%)
91	Federal Carbon Charge	1,149,393	15.2500	1,149,393	15.2500	-	0.0%	0.0%	0.0%	0.0%
92	Gas Supply Commodity	1,224,254	16.2433	1,085,468	14.4019	(138,786)	(11.3%)	(11.3%)	(11.3%)	0.0%
93	Total Bill - Sales Service	2,550,345	33.8377	2,410,338	31.9801	(140,007)	(5.5%)	(10.0%)	(11.6%)	(1.6%)
								0.0%		0.0%
94	Total Bill - Bundled Direct Purchase	2,411,559	31.9963	2,410,338	31.9801	(1,221)	(0.1%)	(0.1%)	(1.8%)	(1.7%)
95	Bundled Direct Purchase Impact						(0.1%)	(0.7%)	(13.1%)	(12.4%)
	Average Rate T1 to Rate E20	Demand 48,750 m ³ Annual Volume 11,565,938 m ³								
96	Delivery Charges	274,088	2.3698	264,578	2.2876	(9,510)	(3.5%)	(3.5%)	(16.5%)	(13.1%)
97	Federal Carbon Charge	1,763,806	15.2500	1,763,806	15.2500	-	0.0%	0.0%	0.0%	0.0%
98	Gas Supply Commodity	1,878,684	16.2433	1,665,710	14.4019	(212,974)	(11.3%)	(11.3%)	(11.3%)	0.0%
99	Total Bill - Sales Service	3,916,578	33.8630	3,694,094	31.9394	(222,484)	(5.7%)	(10.3%)	(12.0%)	(1.7%)
								0.0%		0.0%
100	Total Bill - Bundled Direct Purchase	3,703,603	32.0216	3,694,094	31.9394	(9,510)	(0.3%)	(0.5%)	(2.3%)	(1.8%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - One Rate Zone - Proposed
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)/(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		Bill Impact - Panhandle and St. Clair Split	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Total Bill Change (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(i) = (h - g)
101	Bundled Direct Purchase Impact						(0.5%)	(3.5%)	(13.1%)
	<u>Large Rate T1 to Rate E20</u>	Demand 133,000 m ³ Annual Volume 25,624,080 m ³							
102	Delivery Charges	616,243	2.4049	563,379	2.1986	(52,865)	(8.6%)	(8.6%)	(13.2%)
103	Federal Carbon Charge	3,907,672	15.2500	3,907,672	15.2500	-	0.0%	0.0%	0.0%
104	Gas Supply Commodity	4,162,184	16.2433	3,690,343	14.4019	(471,840)	(11.3%)	(11.3%)	0.0%
105	Total Bill - Sales Service	8,686,099	33.8982	8,161,394	31.8505	(524,705)	(6.0%)	(11.0%)	(1.7%)
106	Total Bill - Bundled Direct Purchase	8,214,259	32.0568	8,161,394	31.8505	(52,865)	(0.6%)	(1.2%)	0.0%
107	Bundled Direct Purchase Impact						(1.2%)	(8.6%)	(13.2%)
	<u>Small Rate T2 to Rate E20</u>	Demand 190,000 m ³ Annual Volume 59,256,000 m ³							
108	Delivery Charges	818,702	1.3816	771,256	1.3016	(47,446)	(5.8%)	(5.8%)	(13.2%)
109	Federal Carbon Charge	9,036,540	15.2500	9,036,540	15.2500	-	0.0%	0.0%	0.0%
110	Gas Supply Commodity	9,625,101	16.2433	8,533,965	14.4019	(1,091,136)	(11.3%)	(11.3%)	0.0%
111	Total Bill - Sales Service	19,480,343	32.8749	18,341,761	30.9534	(1,138,582)	(5.8%)	(10.9%)	(1.0%)
112	Total Bill - Bundled Direct Purchase	18,389,207	31.0335	18,341,761	30.9534	(47,446)	(0.3%)	(0.5%)	0.0%
113	Bundled Direct Purchase Impact						(0.5%)	(5.8%)	(13.2%)
	<u>Average Rate T2 to Rate E20</u>	Demand 669,000 m ³ Annual Volume 197,789,850 m ³							
114	Delivery Charges	2,035,557	1.0292	2,258,070	1.1417	222,513	10.9%	10.9%	(15.6%)
115	Federal Carbon Charge	30,162,952	15.2500	30,162,952	15.2500	-	0.0%	0.0%	0.0%
116	Gas Supply Commodity	32,127,501	16.2433	28,485,412	14.4019	(3,642,089)	(11.3%)	(11.3%)	0.0%
117	Total Bill - Sales Service	64,326,010	32.5224	60,906,434	30.7935	(3,419,576)	(5.3%)	(10.0%)	(0.9%)
118	Total Bill - Bundled Direct Purchase	60,683,921	30.6810	60,906,434	30.7935	222,513	0.4%	0.7%	0.0%
119	Bundled Direct Purchase Impact						0.7%	10.9%	(1.0%)
	<u>Large Rate T2 to Rate E20</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³							
120	Delivery Charges	3,404,458	0.9199	3,929,107	1.0617	524,649	15.4%	15.4%	(16.1%)
121	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%	0.0%
122	Gas Supply Commodity	60,114,484	16.2433	53,299,690	14.4019	(6,814,794)	(11.3%)	(11.3%)	0.0%
123	Total Bill - Sales Service	119,957,515	32.4132	113,667,369	30.7135	(6,290,145)	(5.2%)	(9.9%)	(0.9%)
124	Total Bill - Bundled Direct Purchase	113,142,720	30.5718	113,667,369	30.7135	524,649	0.5%	0.9%	0.0%
125	Bundled Direct Purchase Impact						0.9%	15.4%	(1.0%)
	<u>Large Rate T2 to Rate E24</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³							
126	Delivery Charges	3,404,458	0.9199	2,134,811	0.5768	(1,269,648)	(37.3%)	(37.3%)	(18.3%)
127	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%	0.0%
128	Gas Supply Commodity	60,114,484	16.2433	53,299,690	14.4019	(6,814,794)	(11.3%)	(11.3%)	0.0%
129	Total Bill - Sales Service	119,957,515	32.4132	111,873,073	30.2287	(8,084,442)	(6.7%)	(12.7%)	(1.0%)
130	Total Bill - Bundled Direct Purchase	113,142,720	30.5718	111,873,073	30.2287	(1,269,648)	(1.1%)	(2.2%)	0.0%
131	Bundled Direct Purchase Impact						(2.1%)	(37.3%)	(1.1%)
	<u>Large Rate T3 to Rate E64 (3)</u>	Demand 2,350,000 m ³ Annual Volume 272,712,000 m ³							
132	Delivery Charges	6,826,798	2.5033	6,730,975	2.4682	(95,822)		(1.4%)	0.0%
133	Gas Supply Commodity	44,297,294	16.2433	39,275,593	14.4019	(5,021,701)		(11.3%)	0.0%
134	Total Bill - Sales Service	51,124,091	18.7466	46,006,568	16.8700	(5,117,523)		(10.0%)	0.0%
135	Total Bill - Bundled Direct Purchase	46,102,391	16.9052	46,006,568	16.8700	(95,822)		0.0%	0.0%
136	Bundled Direct Purchase Impact							(0.2%)	0.0%

Notes:
(1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
(2) Bill Impacts exclude Rider K and Rider R.
(3) Rate M9 and Rate T3 customers are not charged the Federal Carbon Charge.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

EB-2024-0166 - Current Approved (1)(2)				EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
Line		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
No.	Particulars	(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate 1 to Rate E01 Central</u>	Demand 24 m ³ Annual Volume 2,400 m ³						
1	Delivery Charges	552	22.9924	535	22.2941	(17)	(3.0%)	(3.0%)
2	Federal Carbon Charge	366	15.2500	366	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	117	4.8806	65	2.7107	(52)	(44.5%)	(44.5%)
4	Gas Supply Commodity	252	10.4826	334	13.9016	82	32.6%	32.6%
5	Total Bill - Sales Service	1,287	53.6056	1,300	54.1564	13	1.0%	1.4%
6	Total Bill - Bundled Direct Purchase WTS	1,369	57.0246	1,362	56.7483	(7)	(0.5%)	(0.7%)
7	Bundled Direct Purchase Impact WTS						(0.6%)	(1.0%)
8	Total Bill - Bundled Direct Purchase DTS	1,274	53.0840	1,300	54.1564	26	2.0%	2.8%
9	Bundled Direct Purchase Impact DTS						2.7%	4.5%
	<u>Small Rate 1 to Rate E01 East</u>	Demand 24 m ³ Annual Volume 2,400 m ³						
10	Delivery Charges	552	22.9924	535	22.2941	(17)	(3.0%)	(3.0%)
11	Federal Carbon Charge	366	15.2500	366	15.2500	-	0.0%	0.0%
12	Gas Supply Transportation	117	4.8806	65	2.7107	(52)	(44.5%)	(44.5%)
13	Gas Supply Commodity	252	10.4826	334	13.9016	82	32.6%	32.6%
14	Total Bill - Sales Service	1,287	53.6056	1,300	54.1564	13	1.0%	1.4%
15	Total Bill - Bundled Direct Purchase WTS	1,369	57.0246	1,362	56.7483	(7)	(0.5%)	(0.7%)
16	Bundled Direct Purchase Impact WTS						(0.6%)	(1.0%)
17	Total Bill - Bundled Direct Purchase DTS	1,274	53.0840	1,300	54.1564	26	2.0%	2.8%
18	Bundled Direct Purchase Impact DTS						2.7%	4.5%
	<u>Large Rate 1 to Rate E01 Central</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
19	Delivery Charges	821	16.2702	740	14.6623	(81)	(9.9%)	(9.9%)
20	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
21	Gas Supply Transportation	246	4.8806	137	2.7107	(110)	(44.5%)	(44.5%)
22	Gas Supply Commodity	529	10.4826	702	13.9016	173	32.6%	32.6%
23	Total Bill - Sales Service	2,367	46.8834	2,349	46.5246	(18)	(0.8%)	(1.1%)
24	Total Bill - Bundled Direct Purchase WTS	2,539	50.3024	2,479	49.1165	(60)	(2.4%)	(3.4%)
25	Bundled Direct Purchase Impact WTS						(3.3%)	(5.6%)
26	Total Bill - Bundled Direct Purchase DTS	2,340	46.3618	2,349	46.5246	8	0.4%	0.5%
27	Bundled Direct Purchase Impact DTS						0.5%	0.9%
	<u>Large Rate 1 to Rate E01 East</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
28	Delivery Charges	821	16.2702	740	14.6623	(81)	(9.9%)	(9.9%)
29	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
30	Gas Supply Transportation	246	4.8806	137	2.7107	(110)	(44.5%)	(44.5%)
31	Gas Supply Commodity	529	10.4826	702	13.9016	173	32.6%	32.6%
32	Total Bill - Sales Service	2,367	46.8834	2,349	46.5246	(18)	(0.8%)	(1.1%)
33	Total Bill - Bundled Direct Purchase WTS	2,539	50.3024	2,479	49.1165	(60)	(2.4%)	(3.4%)
34	Bundled Direct Purchase Impact WTS						(3.3%)	(5.6%)
35	Total Bill - Bundled Direct Purchase DTS	2,340	46.3618	2,349	46.5246	8	0.4%	0.5%
36	Bundled Direct Purchase Impact DTS						0.5%	0.9%
	<u>Small Rate 6 to Rate E01 Central</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
37	Delivery Charges	1,524	30.1901	740	14.6623	(784)	(51.4%)	(51.4%)
38	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
39	Gas Supply Transportation	246	4.8806	137	2.7107	(110)	(44.5%)	(44.5%)
40	Gas Supply Commodity	530	10.5065	702	13.9016	171	32.3%	32.3%
41	Total Bill - Sales Service	3,071	60.8272	2,349	46.5246	(722)	(23.5%)	(31.4%)
42	Total Bill - Bundled Direct Purchase WTS	3,242	64.2223	2,479	49.1165	(763)	(23.5%)	(30.8%)
43	Bundled Direct Purchase Impact WTS						(30.0%)	(43.1%)
44	Total Bill - Bundled Direct Purchase DTS	3,043	60.2817	2,349	46.5246	(694)	(22.8%)	(30.5%)
45	Bundled Direct Purchase Impact DTS						(29.7%)	(44.2%)
	<u>Small Rate 6 to Rate E01 East</u>	Demand 51 m ³ Annual Volume 5,048 m ³						
46	Delivery Charges	1,524	30.1901	740	14.6623	(784)	(51.4%)	(51.4%)
47	Federal Carbon Charge	770	15.2500	770	15.2500	-	0.0%	0.0%
48	Gas Supply Transportation	246	4.8806	137	2.7107	(110)	(44.5%)	(44.5%)
49	Gas Supply Commodity	530	10.5065	702	13.9016	171	32.3%	32.3%
50	Total Bill - Sales Service	3,071	60.8272	2,349	46.5246	(722)	(23.5%)	(31.4%)
51	Total Bill - Bundled Direct Purchase WTS	3,242	64.2223	2,479	49.1165	(763)	(23.5%)	(30.8%)
52	Bundled Direct Purchase Impact WTS						(30.0%)	(43.1%)
53	Total Bill - Bundled Direct Purchase DTS	3,043	60.2817	2,349	46.5246	(694)	(22.8%)	(30.5%)
54	Bundled Direct Purchase Impact DTS						(29.7%)	(44.2%)
	<u>Average Rate 6 to Rate E02 Central</u>	Demand 206 m ³ Annual Volume 22,606 m ³						
55	Delivery Charges	3,046	13.4745	2,099	9.2855	(947)	(31.1%)	(31.1%)
56	Federal Carbon Charge	3,447	15.2500	3,447	15.2500	-	0.0%	0.0%
57	Gas Supply Transportation	1,103	4.8806	546	2.4100	(557)	(50.5%)	(50.5%)
58	Gas Supply Commodity	2,375	10.5065	3,143	13.9016	767	32.3%	32.3%
59	Total Bill - Sales Service	9,972	44.1116	9,235	40.8520	(737)	(7.4%)	(11.3%)
60	Total Bill - Bundled Direct Purchase WTS	10,739	47.5066	9,821	43.4439	(918)	(8.6%)	(12.6%)
61	Bundled Direct Purchase Impact WTS						(12.1%)	(22.1%)
62	Total Bill - Bundled Direct Purchase DTS	9,849	43.5660	9,235	40.8520	(614)	(6.2%)	(9.6%)
63	Bundled Direct Purchase Impact DTS						(9.1%)	(18.8%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 6 to Rate E02 East</u>	Demand 206 m ³ Annual Volume 22,606 m ³						
64	Delivery Charges	3,046	13.4745	2,099	9.2855	(947)	(31.1%)	(31.1%)
65	Federal Carbon Charge	3,447	15.2500	3,447	15.2500	-	0.0%	0.0%
66	Gas Supply Transportation	1,103	4.8806	546	2.4100	(557)	(50.5%)	(50.5%)
67	Gas Supply Commodity	2,375	10.5065	3,143	13.9016	767	32.3%	32.3%
68	Total Bill - Sales Service	9,972	44.1116	9,235	40.8520	(737)	(7.4%)	(11.3%)
69	Total Bill - Bundled Direct Purchase WTS	10,739	47.5066	9,821	43.4439	(918)	(8.6%)	(12.6%)
70	Bundled Direct Purchase Impact WTS						(12.1%)	(22.1%)
71	Total Bill - Bundled Direct Purchase DTS	9,849	43.5660	9,235	40.8520	(614)	(6.2%)	(9.6%)
72	Bundled Direct Purchase Impact DTS						(9.1%)	(18.8%)
	<u>Large Rate 6 to Rate E02 Central</u>	Demand 3,097 m ³ Annual Volume 339,124 m ³						
73	Delivery Charges	23,794	7.0162	26,600	7.8438	2,806	11.8%	11.8%
74	Federal Carbon Charge	51,716	15.2500	51,716	15.2500	-	0.0%	0.0%
75	Gas Supply Transportation	16,551	4.8806	8,190	2.4150	(8,361)	(50.5%)	(50.5%)
76	Gas Supply Commodity	35,630	10.5065	47,144	13.9016	11,513	32.3%	32.3%
77	Total Bill - Sales Service	127,692	37.6533	133,650	39.4104	5,959	4.7%	7.8%
78	Total Bill - Bundled Direct Purchase WTS	139,205	41.0484	142,440	42.0023	3,235	2.3%	3.7%
79	Bundled Direct Purchase Impact WTS						3.5%	8.0%
80	Total Bill - Bundled Direct Purchase DTS	125,841	37.1078	133,650	39.4104	7,809	6.2%	10.5%
81	Bundled Direct Purchase Impact DTS						9.9%	28.9%
	<u>Large Rate 6 to Rate E02 East</u>	Demand 3,097 m ³ Annual Volume 339,124 m ³						
82	Delivery Charges	23,794	7.0162	26,600	7.8438	2,806	11.8%	11.8%
83	Federal Carbon Charge	51,716	15.2500	51,716	15.2500	-	0.0%	0.0%
84	Gas Supply Transportation	16,551	4.8806	8,190	2.4150	(8,361)	(50.5%)	(50.5%)
85	Gas Supply Commodity	35,630	10.5065	47,144	13.9016	11,513	32.3%	32.3%
86	Total Bill - Sales Service	127,692	37.6533	133,650	39.4104	5,959	4.7%	7.8%
87	Total Bill - Bundled Direct Purchase WTS	139,205	41.0484	142,440	42.0023	3,235	2.3%	3.7%
88	Bundled Direct Purchase Impact WTS						3.5%	8.0%
89	Total Bill - Bundled Direct Purchase DTS	125,841	37.1078	133,650	39.4104	7,809	6.2%	10.5%
90	Bundled Direct Purchase Impact DTS						9.9%	28.9%
	<u>Small Rate 100 to Rate E10 Central</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
91	Delivery Charges	25,578	7.5410	26,074	7.6871	496	1.9%	1.9%
92	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
93	Gas Supply Transportation	16,554	4.8806	5,039	1.4855	(11,516)	(69.6%)	(69.6%)
94	Gas Supply Commodity	35,637	10.5065	47,152	13.9016	11,516	32.3%	32.3%
95	Total Bill - Sales Service	129,495	38.1781	129,991	38.3242	495	0.4%	0.6%
96	Total Bill - Bundled Direct Purchase WTS	141,011	41.5731	138,782	40.9161	(2,229)	(1.6%)	(2.5%)
97	Bundled Direct Purchase Impact WTS						(2.4%)	(5.3%)
98	Total Bill - Bundled Direct Purchase DTS	127,645	37.6325	129,991	38.3242	2,346	1.8%	3.1%
99	Bundled Direct Purchase Impact DTS						2.9%	8.2%
	<u>Small Rate 100 to Rate E10 East</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
100	Delivery Charges	25,578	7.5410	26,074	7.6871	496	1.9%	1.9%
101	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
102	Gas Supply Transportation	16,554	4.8806	5,039	1.4855	(11,516)	(69.6%)	(69.6%)
103	Gas Supply Commodity	35,637	10.5065	47,152	13.9016	11,516	32.3%	32.3%
104	Total Bill - Sales Service	129,495	38.1781	129,991	38.3242	495	0.4%	0.6%
105	Total Bill - Bundled Direct Purchase WTS	141,011	41.5731	138,782	40.9161	(2,229)	(1.6%)	(2.5%)
106	Bundled Direct Purchase Impact WTS						(2.4%)	(5.3%)
107	Total Bill - Bundled Direct Purchase DTS	127,645	37.6325	129,991	38.3242	2,346	1.8%	3.1%
108	Bundled Direct Purchase Impact DTS						2.9%	8.2%
	<u>Average Rate 100 to Rate E10 Central</u>	Demand 15,000 m ³ Annual Volume 598,567 m ³						
109	Delivery Charges	91,322	15.2567	105,710	17.6605	14,388	15.8%	15.8%
110	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
111	Gas Supply Transportation	29,214	4.8806	8,892	1.4855	(20,322)	(69.6%)	(69.6%)
112	Gas Supply Commodity	62,888	10.5065	83,210	13.9016	20,322	32.3%	32.3%
113	Total Bill - Sales Service	274,705	45.8938	289,093	48.2975	14,388	5.2%	7.8%
114	Total Bill - Bundled Direct Purchase WTS	295,027	49.2889	304,607	50.8894	9,580	3.2%	4.7%
115	Bundled Direct Purchase Impact WTS						4.5%	7.9%
116	Total Bill - Bundled Direct Purchase DTS	271,440	45.3483	289,093	48.2975	17,653	6.5%	9.8%
117	Bundled Direct Purchase Impact DTS						9.4%	18.2%
	<u>Average Rate 100 to Rate E10 East</u>	Demand 15,000 m ³ Annual Volume 598,567 m ³						
118	Delivery Charges	91,322	15.2567	105,710	17.6605	14,388	15.8%	15.8%
119	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
120	Gas Supply Transportation	29,214	4.8806	8,892	1.4855	(20,322)	(69.6%)	(69.6%)
121	Gas Supply Commodity	62,888	10.5065	83,210	13.9016	20,322	32.3%	32.3%
122	Total Bill - Sales Service	274,705	45.8938	289,093	48.2975	14,388	5.2%	7.8%
123	Total Bill - Bundled Direct Purchase WTS	295,027	49.2889	304,607	50.8894	9,580	3.2%	4.7%
124	Bundled Direct Purchase Impact WTS						4.5%	7.9%
125	Total Bill - Bundled Direct Purchase DTS	271,440	45.3483	289,093	48.2975	17,653	6.5%	9.8%
126	Bundled Direct Purchase Impact DTS						9.4%	18.2%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Large Rate 100 to Rate E10 Central</u>	Demand 30,000 m ³ Annual Volume 1,500,000 m ³						
127	Delivery Charges	189,323	12.6215	193,992	12.9328	4,669	2.5%	2.5%
128	Federal Carbon Charge	228,750	15.2500	228,750	15.2500	-	0.0%	0.0%
129	Gas Supply Transportation	73,209	4.8806	22,282	1.4855	(50,927)	(69.6%)	(69.6%)
130	Gas Supply Commodity	157,598	10.5065	208,523	13.9016	50,926	32.3%	32.3%
131	Total Bill - Sales Service	648,879	43.2586	653,548	43.5698	4,668	0.7%	1.1%
132	Total Bill - Bundled Direct Purchase WTS	699,805	46.6537	692,426	46.1617	(7,379)	(1.1%)	(1.6%)
133	Bundled Direct Purchase Impact WTS						(1.5%)	(2.8%)
134	Total Bill - Bundled Direct Purchase DTS	640,696	42.7131	653,548	43.5698	12,851	2.0%	3.1%
135	Bundled Direct Purchase Impact DTS						3.0%	6.3%
	<u>Large Rate 100 to Rate E10 East</u>	Demand 30,000 m ³ Annual Volume 1,500,000 m ³						
136	Delivery Charges	189,323	12.6215	193,992	12.9328	4,669	2.5%	2.5%
137	Federal Carbon Charge	228,750	15.2500	228,750	15.2500	-	0.0%	0.0%
138	Gas Supply Transportation	73,209	4.8806	22,282	1.4855	(50,927)	(69.6%)	(69.6%)
139	Gas Supply Commodity	157,598	10.5065	208,523	13.9016	50,926	32.3%	32.3%
140	Total Bill - Sales Service	648,879	43.2586	653,548	43.5698	4,668	0.7%	1.1%
141	Total Bill - Bundled Direct Purchase WTS	699,805	46.6537	692,426	46.1617	(7,379)	(1.1%)	(1.6%)
142	Bundled Direct Purchase Impact WTS						(1.5%)	(2.8%)
143	Total Bill - Bundled Direct Purchase DTS	640,696	42.7131	653,548	43.5698	12,851	2.0%	3.1%
144	Bundled Direct Purchase Impact DTS						3.0%	6.3%
	<u>Small Rate 110 to Rate E10 Central</u>	Demand 3,292 m ³ Annual Volume 598,568 m ³						
145	Delivery Charges	25,839	4.3168	28,262	4.7216	2,423	9.4%	9.4%
146	Federal Carbon Charge	91,282	15.2500	91,282	15.2500	-	0.0%	0.0%
147	Gas Supply Transportation	29,214	4.8806	8,892	1.4855	(20,322)	(69.6%)	(69.6%)
148	Gas Supply Commodity	62,511	10.4435	83,210	13.9016	20,699	33.1%	33.1%
149	Total Bill - Sales Service	208,846	34.8909	211,646	35.3587	2,800	1.3%	2.4%
150	Total Bill - Bundled Direct Purchase WTS	229,545	38.3490	227,160	37.9506	(2,385)	(1.0%)	(1.7%)
151	Bundled Direct Purchase Impact WTS						(1.6%)	(4.3%)
152	Total Bill - Bundled Direct Purchase DTS	205,958	34.4084	211,646	35.3587	5,688	2.8%	5.0%
153	Bundled Direct Purchase Impact DTS						4.6%	18.1%
	<u>Small Rate 110 to Rate E10 East</u>	Demand 3,292 m ³ Annual Volume 598,568 m ³						
154	Delivery Charges	25,839	4.3168	28,262	4.7216	2,423	9.4%	9.4%
155	Federal Carbon Charge	91,282	15.2500	91,282	15.2500	-	0.0%	0.0%
156	Gas Supply Transportation	29,214	4.8806	8,892	1.4855	(20,322)	(69.6%)	(69.6%)
157	Gas Supply Commodity	62,511	10.4435	83,210	13.9016	20,699	33.1%	33.1%
158	Total Bill - Sales Service	208,846	34.8909	211,646	35.3587	2,800	1.3%	2.4%
159	Total Bill - Bundled Direct Purchase WTS	229,545	38.3490	227,160	37.9506	(2,385)	(1.0%)	(1.7%)
160	Bundled Direct Purchase Impact WTS						(1.6%)	(4.3%)
161	Total Bill - Bundled Direct Purchase DTS	205,958	34.4084	211,646	35.3587	5,688	2.8%	5.0%
162	Bundled Direct Purchase Impact DTS						4.6%	18.1%
	<u>Average Rate 110 to Rate E10 Central</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
163	Delivery Charges	248,847	2.4944	235,805	2.3637	(13,042)	(5.2%)	(5.2%)
164	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
165	Gas Supply Transportation	486,895	4.8806	148,194	1.4855	(338,701)	(69.6%)	(69.6%)
166	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
167	Total Bill - Sales Service	3,298,956	33.0685	3,292,194	33.0007	(6,762)	(0.2%)	(0.4%)
168	Total Bill - Bundled Direct Purchase WTS	3,643,936	36.5266	3,550,766	35.5927	(93,171)	(2.6%)	(4.4%)
169	Bundled Direct Purchase Impact WTS						(4.1%)	(12.7%)
170	Total Bill - Bundled Direct Purchase DTS	3,250,817	32.5860	3,292,194	33.0007	41,377	1.3%	2.4%
171	Bundled Direct Purchase Impact DTS						2.2%	12.1%
	<u>Average Rate 110 to Rate E10 East</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
172	Delivery Charges	248,847	2.4944	235,805	2.3637	(13,042)	(5.2%)	(5.2%)
173	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
174	Gas Supply Transportation	486,895	4.8806	148,194	1.4855	(338,701)	(69.6%)	(69.6%)
175	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
176	Total Bill - Sales Service	3,298,956	33.0685	3,292,194	33.0007	(6,762)	(0.2%)	(0.4%)
177	Total Bill - Bundled Direct Purchase WTS	3,643,936	36.5266	3,550,766	35.5927	(93,171)	(2.6%)	(4.4%)
178	Bundled Direct Purchase Impact WTS						(4.1%)	(12.7%)
179	Total Bill - Bundled Direct Purchase DTS	3,250,817	32.5860	3,292,194	33.0007	41,377	1.3%	2.4%
180	Bundled Direct Purchase Impact DTS						2.2%	12.1%
	<u>Large Rate 110 to Rate E10 Central</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
181	Delivery Charges	302,287	3.0301	330,909	3.3170	28,621	9.5%	9.5%
182	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
183	Gas Supply Transportation	486,895	4.8806	148,194	1.4855	(338,701)	(69.6%)	(69.6%)
184	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
185	Total Bill - Sales Service	3,352,397	33.6042	3,387,298	33.9541	34,901	1.0%	1.9%
186	Total Bill - Bundled Direct Purchase WTS	3,697,377	37.0623	3,645,870	36.5460	(51,508)	(1.4%)	(2.4%)
187	Bundled Direct Purchase Impact WTS						(2.2%)	(6.5%)
188	Total Bill - Bundled Direct Purchase DTS	3,304,258	33.1217	3,387,298	33.9541	83,040	2.5%	4.7%
189	Bundled Direct Purchase Impact DTS						4.3%	21.0%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	Large Rate 110 to Rate E10 East	Demand 53,871 m ³ Annual Volume 9,976,121m ³						
190	Delivery Charges	302,287	3.0301	330,909	3.3170	28,621	9.5%	9.5%
191	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
192	Gas Supply Transportation	486,895	4.8806	148,194	1.4855	(338,701)	(69.6%)	(69.6%)
193	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
194	Total Bill - Sales Service	3,352,397	33.6042	3,387,298	33.9541	34,901	1.0%	1.9%
195	Total Bill - Bundled Direct Purchase WTS	3,697,377	37.0623	3,645,870	36.5460	(51,508)	(1.4%)	(2.4%)
196	Bundled Direct Purchase Impact WTS						(2.2%)	(6.5%)
197	Total Bill - Bundled Direct Purchase DTS	3,304,258	33.1217	3,387,298	33.9541	83,040	2.5%	4.7%
198	Bundled Direct Purchase Impact DTS						4.3%	21.0%
	Small Rate 115 to Rate E10 Central	Demand 15,300 m ³ Annual Volume 4,471,609 m ³						
199	Delivery Charges	86,590	1.9364	110,837	2.4787	24,247	28.0%	28.0%
200	Federal Carbon Charge	681,920	15.2500	681,920	15.2500	-	0.0%	0.0%
201	Gas Supply Transportation	218,241	4.8806	66,425	1.4855	(151,816)	(69.6%)	(69.6%)
202	Gas Supply Commodity	466,992	10.4435	621,624	13.9016	154,631	33.1%	33.1%
203	Total Bill - Sales Service	1,453,744	32.5105	1,480,806	33.1157	27,062	1.9%	3.5%
204	Total Bill - Bundled Direct Purchase WTS	1,608,375	35.9686	1,596,706	35.7076	(11,669)	(0.7%)	(1.3%)
205	Bundled Direct Purchase Impact WTS						(1.2%)	(3.8%)
206	Total Bill - Bundled Direct Purchase DTS	1,432,167	32.0280	1,480,806	33.1157	48,639	3.4%	6.5%
207	Bundled Direct Purchase Impact DTS						6.0%	37.8%
	Small Rate 115 to Rate E10 East	Demand 15,300 m ³ Annual Volume 4,471,609 m ³						
208	Delivery Charges	86,590	1.9364	110,837	2.4787	24,247	28.0%	28.0%
209	Federal Carbon Charge	681,920	15.2500	681,920	15.2500	-	0.0%	0.0%
210	Gas Supply Transportation	218,241	4.8806	66,425	1.4855	(151,816)	(69.6%)	(69.6%)
211	Gas Supply Commodity	466,992	10.4435	621,624	13.9016	154,631	33.1%	33.1%
212	Total Bill - Sales Service	1,453,744	32.5105	1,480,806	33.1157	27,062	1.9%	3.5%
213	Total Bill - Bundled Direct Purchase WTS	1,608,375	35.9686	1,596,706	35.7076	(11,669)	(0.7%)	(1.3%)
214	Bundled Direct Purchase Impact WTS						(1.2%)	(3.8%)
215	Total Bill - Bundled Direct Purchase DTS	1,432,167	32.0280	1,480,806	33.1157	48,639	3.4%	6.5%
216	Bundled Direct Purchase Impact DTS						6.0%	37.8%
	Large Rate 115 to Rate E10 Central	Demand 238,928 m ³ Annual Volume 69,832,850 m ³						
217	Delivery Charges	1,168,703	1.6736	1,387,592	1.9870	218,889	18.7%	18.7%
218	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
219	Gas Supply Transportation	3,408,262	4.8806	1,037,357	1.4855	(2,370,905)	(69.6%)	(69.6%)
220	Gas Supply Commodity	7,292,994	10.4435	9,707,857	13.9016	2,414,864	33.1%	33.1%
221	Total Bill - Sales Service	22,519,468	32.2477	22,782,317	32.6241	262,848	1.2%	2.2%
222	Total Bill - Bundled Direct Purchase WTS	24,934,332	35.7057	24,592,318	35.2160	(342,014)	(1.4%)	(2.4%)
223	Bundled Direct Purchase Impact WTS						(2.2%)	(7.5%)
224	Total Bill - Bundled Direct Purchase DTS	22,182,499	31.7651	22,782,317	32.6241	599,818	2.7%	5.2%
225	Bundled Direct Purchase Impact DTS						4.8%	32.9%
	Large Rate 115 to Rate E10 East	Demand 238,928 m ³ Annual Volume 69,832,850 m ³						
226	Delivery Charges	1,168,703	1.6736	1,387,592	1.9870	218,889	18.7%	18.7%
227	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
228	Gas Supply Transportation	3,408,262	4.8806	1,037,357	1.4855	(2,370,905)	(69.6%)	(69.6%)
229	Gas Supply Commodity	7,292,994	10.4435	9,707,857	13.9016	2,414,864	33.1%	33.1%
230	Total Bill - Sales Service	22,519,468	32.2477	22,782,317	32.6241	262,848	1.2%	2.2%
231	Total Bill - Bundled Direct Purchase WTS	24,934,332	35.7057	24,592,318	35.2160	(342,014)	(1.4%)	(2.4%)
232	Bundled Direct Purchase Impact WTS						(2.2%)	(7.5%)
233	Total Bill - Bundled Direct Purchase DTS	22,182,499	31.7651	22,782,317	32.6241	599,818	2.7%	5.2%
234	Bundled Direct Purchase Impact DTS						4.8%	32.9%
	Average Rate 125 to Rate E24	Demand 2,315,000 m ³ Annual Volume 206,000,000 m ³						
235	Delivery Charges	3,236,010	1.5709	3,523,055	1.7102	287,045	8.9%	8.9%
236	Federal Carbon Charge	31,415,000	15.2500	31,415,000	15.2500	-	0.0%	0.0%
237	Gas Supply Commodity	21,513,610	10.4435	28,637,219	13.9016	7,123,609	33.1%	33.1%
238	Total Bill - Sales Service	56,164,620	27.2644	63,575,273	30.8618	7,410,653	13.2%	29.9%
239	Total Bill - Unbundled Direct Purchase	63,288,229	30.7224	63,575,273	30.8618	287,045	0.5%	0.9%
240	Unbundled Direct Purchase Impact							
	Average Rate 135 to Rate E34 Central	Demand 8,180 m ³ Annual Volume 598,567 m ³						
241	Delivery Charges	22,648	3.7837	14,245	2.3798	(8,403)	(37.1%)	(37.1%)
242	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
243	Gas Supply Transportation	24,171	4.0381	6,652	1.1113	(17,519)	(72.5%)	(72.5%)
244	Gas Supply Commodity	62,559	10.4514	83,210	13.9016	20,652	33.0%	33.0%
245	Total Bill - Sales Service	200,659	33.5232	195,388	32.6426	(5,271)	(2.6%)	(4.8%)
246	Total Bill - Bundled Direct Purchase WTS	221,310	36.9734	210,902	35.2345	(10,408)	(4.7%)	(8.0%)
247	Bundled Direct Purchase Impact WTS						(7.5%)	(22.2%)
248	Total Bill - Bundled Direct Purchase DTS	197,723	33.0328	195,388	32.6426	(2,335)	(1.2%)	(2.2%)
249	Bundled Direct Purchase Impact DTS						(2.0%)	(10.1%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 135 to Rate E34 East</u>	Demand 8,180 m ³ Annual Volume 598,567 m ³						
250	Delivery Charges	22,648	3.7837	14,245	2.3798	(8,403)	(37.1%)	(37.1%)
251	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
252	Gas Supply Transportation	24,171	4.0381	6,652	1.1113	(17,519)	(72.5%)	(72.5%)
253	Gas Supply Commodity	62,559	10.4514	83,210	13.9016	20,652	33.0%	33.0%
254	Total Bill - Sales Service	200,659	33.5232	195,388	32.6426	(5,271)	(2.6%)	(4.8%)
255	Total Bill - Bundled Direct Purchase WTS	221,310	36.9734	210,902	35.2345	(10,408)	(4.7%)	(8.0%)
256	Bundled Direct Purchase Impact WTS						(7.5%)	(22.2%)
257	Total Bill - Bundled Direct Purchase DTS	197,723	33.0328	195,388	32.6426	(2,335)	(1.2%)	(2.2%)
258	Bundled Direct Purchase Impact DTS						(2.0%)	(10.1%)
	<u>Small Rate 145 to Rate E30 Central</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
259	Delivery Charges	15,264	4.5002	9,132	2.6922	(6,133)	(40.2%)	(40.2%)
260	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
261	Gas Supply Transportation	14,696	4.3327	3,143	0.9266	(11,553)	(78.6%)	(78.6%)
262	Gas Supply Commodity	35,437	10.4475	47,152	13.9016	11,716	33.1%	33.1%
263	Total Bill - Sales Service	117,123	34.5304	111,153	32.7704	(5,970)	(5.1%)	(9.1%)
264	Total Bill - Bundled Direct Purchase WTS	128,839	37.9844	119,945	35.3623	(8,894)	(6.9%)	(11.5%)
265	Bundled Direct Purchase Impact WTS						(10.9%)	(29.7%)
266	Total Bill - Bundled Direct Purchase DTS	115,473	34.0438	111,153	32.7704	(4,319)	(3.7%)	(6.8%)
267	Bundled Direct Purchase Impact DTS						(6.3%)	(26.0%)
	<u>Small Rate 145 to Rate E30 East</u>	Demand 2,993 m ³ Annual Volume 339,188 m ³						
268	Delivery Charges	15,264	4.5002	9,132	2.6922	(6,133)	(40.2%)	(40.2%)
269	Federal Carbon Charge	51,726	15.2500	51,726	15.2500	-	0.0%	0.0%
270	Gas Supply Transportation	14,696	4.3327	3,143	0.9266	(11,553)	(78.6%)	(78.6%)
271	Gas Supply Commodity	35,437	10.4475	47,152	13.9016	11,716	33.1%	33.1%
272	Total Bill - Sales Service	117,123	34.5304	111,153	32.7704	(5,970)	(5.1%)	(9.1%)
273	Total Bill - Bundled Direct Purchase WTS	128,839	37.9844	119,945	35.3623	(8,894)	(6.9%)	(11.5%)
274	Bundled Direct Purchase Impact WTS						(10.9%)	(29.7%)
275	Total Bill - Bundled Direct Purchase DTS	115,473	34.0438	111,153	32.7704	(4,319)	(3.7%)	(6.8%)
276	Bundled Direct Purchase Impact DTS						(6.3%)	(26.0%)
	<u>Large Rate 145 to Rate E30 Central</u>	Demand 4,489 m ³ Annual Volume 598,567 m ³						
277	Delivery Charges	24,781	4.1401	10,770	1.7993	(14,011)	(56.5%)	(56.5%)
278	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
279	Gas Supply Transportation	25,934	4.3327	5,546	0.9266	(20,387)	(78.6%)	(78.6%)
280	Gas Supply Commodity	62,535	10.4475	83,210	13.9016	20,675	33.1%	33.1%
281	Total Bill - Sales Service	204,532	34.1702	190,808	31.8774	(13,724)	(6.7%)	(12.1%)
282	Total Bill - Bundled Direct Purchase WTS	225,207	37.6243	206,322	34.4693	(18,884)	(8.4%)	(14.1%)
283	Bundled Direct Purchase Impact WTS						(13.3%)	(37.2%)
284	Total Bill - Bundled Direct Purchase DTS	201,619	33.6837	190,808	31.8774	(10,812)	(5.4%)	(9.8%)
285	Bundled Direct Purchase Impact DTS						(9.1%)	(39.9%)
	<u>Large Rate 145 to Rate E30 East</u>	Demand 4,489 m ³ Annual Volume 598,567 m ³						
286	Delivery Charges	24,781	4.1401	10,770	1.7993	(14,011)	(56.5%)	(56.5%)
287	Federal Carbon Charge	91,281	15.2500	91,281	15.2500	-	0.0%	0.0%
288	Gas Supply Transportation	25,934	4.3327	5,546	0.9266	(20,387)	(78.6%)	(78.6%)
289	Gas Supply Commodity	62,535	10.4475	83,210	13.9016	20,675	33.1%	33.1%
290	Total Bill - Sales Service	204,532	34.1702	190,808	31.8774	(13,724)	(6.7%)	(12.1%)
291	Total Bill - Bundled Direct Purchase WTS	225,207	37.6243	206,322	34.4693	(18,884)	(8.4%)	(14.1%)
292	Bundled Direct Purchase Impact WTS						(13.3%)	(37.2%)
293	Total Bill - Bundled Direct Purchase DTS	201,619	33.6837	190,808	31.8774	(10,812)	(5.4%)	(9.8%)
294	Bundled Direct Purchase Impact DTS						(9.1%)	(39.9%)
	<u>Small Rate 170 to Rate E30 Central</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
295	Delivery Charges	89,198	0.8941	48,846	0.4896	(40,352)	(45.2%)	(45.2%)
296	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
297	Gas Supply Transportation	366,634	3.6751	92,440	0.9266	(274,194)	(74.8%)	(74.8%)
298	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
299	Total Bill - Sales Service	3,019,047	30.2627	3,049,481	30.5678	30,434	1.0%	2.0%
300	Total Bill - Bundled Direct Purchase WTS	3,364,027	33.7208	3,308,052	33.1597	(55,975)	(1.7%)	(3.0%)
301	Bundled Direct Purchase Impact WTS						(2.8%)	(12.3%)
302	Total Bill - Bundled Direct Purchase DTS	2,970,908	29.7802	3,049,481	30.5678	78,573	2.6%	5.4%
303	Bundled Direct Purchase Impact DTS						5.0%	125.3%
	<u>Small Rate 170 to Rate E30 East</u>	Demand 36,413 m ³ Annual Volume 9,976,120 m ³						
304	Delivery Charges	89,198	0.8941	48,846	0.4896	(40,352)	(45.2%)	(45.2%)
305	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
306	Gas Supply Transportation	366,634	3.6751	92,440	0.9266	(274,194)	(74.8%)	(74.8%)
307	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
308	Total Bill - Sales Service	3,019,047	30.2627	3,049,481	30.5678	30,434	1.0%	2.0%
309	Total Bill - Bundled Direct Purchase WTS	3,364,027	33.7208	3,308,052	33.1597	(55,975)	(1.7%)	(3.0%)
310	Bundled Direct Purchase Impact WTS						(2.8%)	(12.3%)
311	Total Bill - Bundled Direct Purchase DTS	2,970,908	29.7802	3,049,481	30.5678	78,573	2.6%	5.4%
312	Bundled Direct Purchase Impact DTS						5.0%	125.3%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
EGD Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 170 to Rate E30 Central</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
313	Delivery Charges	98,868	0.9910	65,506	0.6566	(33,361)	(33.7%)	(33.7%)
314	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
315	Gas Supply Transportation	366,634	3.6751	92,440	0.9266	(274,194)	(74.8%)	(74.8%)
316	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
317	Total Bill - Sales Service	3,028,717	30.3597	3,066,142	30.7348	37,425	1.2%	2.5%
318	Total Bill - Bundled Direct Purchase WTS	3,373,697	33.8177	3,324,714	33.3267	(48,984)	(1.5%)	(2.6%)
319	Bundled Direct Purchase Impact WTS						(2.5%)	(10.5%)
320	Total Bill - Bundled Direct Purchase DTS	2,980,578	29.8771	3,066,142	30.7348	85,564	2.9%	5.9%
321	Bundled Direct Purchase Impact DTS						5.4%	118.2%
	<u>Average Rate 170 to Rate E30 East</u>	Demand 53,871 m ³ Annual Volume 9,976,121 m ³						
322	Delivery Charges	98,868	0.9910	65,506	0.6566	(33,361)	(33.7%)	(33.7%)
323	Federal Carbon Charge	1,521,358	15.2500	1,521,358	15.2500	-	0.0%	0.0%
324	Gas Supply Transportation	366,634	3.6751	92,440	0.9266	(274,194)	(74.8%)	(74.8%)
325	Gas Supply Commodity	1,041,856	10.4435	1,386,837	13.9016	344,980	33.1%	33.1%
326	Total Bill - Sales Service	3,028,717	30.3597	3,066,142	30.7348	37,425	1.2%	2.5%
327	Total Bill - Bundled Direct Purchase WTS	3,373,697	33.8177	3,324,714	33.3267	(48,984)	(1.5%)	(2.6%)
328	Bundled Direct Purchase Impact WTS						(2.5%)	(10.5%)
329	Total Bill - Bundled Direct Purchase DTS	2,980,578	29.8771	3,066,142	30.7348	85,564	2.9%	5.9%
330	Bundled Direct Purchase Impact DTS						5.4%	118.2%
	<u>Large Rate 170 to Rate E30 Central</u>	Demand 255,089 m ³ Annual Volume 69,832,850 m ³						
331	Delivery Charges	601,902	0.8619	306,108	0.4383	(295,794)	(49.1%)	(49.1%)
332	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
333	Gas Supply Transportation	2,566,441	3.6751	647,083	0.9266	(1,919,358)	(74.8%)	(74.8%)
334	Gas Supply Commodity	7,292,994	10.4435	9,707,857	13.9016	2,414,864	33.1%	33.1%
335	Total Bill - Sales Service	21,110,846	30.2305	21,310,558	30.5165	199,712	0.9%	1.9%
336	Total Bill - Bundled Direct Purchase WTS	23,525,710	33.6886	23,120,560	33.1084	(405,150)	(1.7%)	(3.1%)
337	Bundled Direct Purchase Impact WTS						(2.9%)	(12.8%)
338	Total Bill - Bundled Direct Purchase DTS	20,773,877	29.7480	21,310,558	30.5165	536,681	2.6%	5.3%
339	Bundled Direct Purchase Impact DTS						4.8%	128.9%
	<u>Large Rate 170 to Rate E30 East</u>	Demand 255,089 m ³ Annual Volume 69,832,850 m ³						
340	Delivery Charges	601,902	0.8619	306,108	0.4383	(295,794)	(49.1%)	(49.1%)
341	Federal Carbon Charge	10,649,510	15.2500	10,649,510	15.2500	-	0.0%	0.0%
342	Gas Supply Transportation	2,566,441	3.6751	647,083	0.9266	(1,919,358)	(74.8%)	(74.8%)
343	Gas Supply Commodity	7,292,994	10.4435	9,707,857	13.9016	2,414,864	33.1%	33.1%
344	Total Bill - Sales Service	21,110,846	30.2305	21,310,558	30.5165	199,712	0.9%	1.9%
345	Total Bill - Bundled Direct Purchase WTS	23,525,710	33.6886	23,120,560	33.1084	(405,150)	(1.7%)	(3.1%)
346	Bundled Direct Purchase Impact WTS						(2.9%)	(12.8%)
347	Total Bill - Bundled Direct Purchase DTS	20,773,877	29.7480	21,310,558	30.5165	536,681	2.6%	5.3%
348	Bundled Direct Purchase Impact DTS						4.8%	128.9%
	<u>Average Rate 200 to Rate E62 East (3)</u>	Demand 1,252,000 m ³ Annual Volume 140,305,600 m ³						
349	Delivery Charges	6,325,521	4.5084	4,142,363	2.9524	(2,183,158)	(34.5%)	(34.5%)
350	Gas Supply Transportation	6,587,243	4.6949	7,105,566	5.0643	518,323	7.9%	7.9%
351	Gas Supply Commodity	14,652,675	10.4434	19,504,671	13.9016	4,851,995	33.1%	33.1%
352	Total Bill - Sales Service	27,565,439	19.6467	30,752,599	21.9183	3,187,160	11.6%	11.6%
353	Total Bill - Bundled Direct Purchase WTS	32,417,434	23.1049	34,389,187	24.5102	1,971,753	6.1%	6.1%
354	Bundled Direct Purchase Impact WTS						15.3%	15.3%
355	Total Bill - Bundled Direct Purchase DTS	26,888,552	19.1643	30,752,599	21.9183	3,864,047	14.4%	14.4%
356	Bundled Direct Purchase Impact DTS						52.3%	52.3%

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.
- (3) Rate 200 customers are not charged the Federal Carbon Charge.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Small Rate 01 to Rate E01 North</u>	Demand 20 m ³ Annual Volume 2,200 m ³						
1	Delivery Charges	544	24.7128	495	22.5041	(49)	(8.9%)	(8.9%)
2	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
3	Gas Supply Transportation	173	7.8681	100	4.5594	(73)	(42.1%)	(42.1%)
4	Gas Supply Commodity	355	16.1346	296	13.4319	(59)	(16.8%)	(16.8%)
5	Total Bill - Sales Service	1,407	63.9655	1,226	55.7453	(181)	(12.9%)	(16.9%)
6	Total Bill - Bundled Direct Purchase	1,348	61.2627	1,226	55.7453	(121)	(9.0%)	(12.0%)
7	Bundled Direct Purchase Impact						(11.5%)	(16.9%)
	<u>Small Rate 01 to Rate E01 East</u>	Demand 20 m ³ Annual Volume 2,200 m ³						
8	Delivery Charges	544	24.7128	520	23.6167	(24)	(4.4%)	(4.4%)
9	Federal Carbon Charge	336	15.2500	336	15.2500	-	0.0%	0.0%
10	Gas Supply Transportation	173	7.8681	60	2.7107	(113)	(65.5%)	(65.5%)
11	Gas Supply Commodity	355	16.1346	306	13.9016	(49)	(13.8%)	(13.8%)
12	Total Bill - Sales Service	1,407	63.9655	1,221	55.4790	(187)	(13.3%)	(17.4%)
13	Total Bill - Bundled Direct Purchase	1,358	61.7324	1,221	55.4790	(138)	(10.1%)	(13.5%)
14	Bundled Direct Purchase Impact						(13.1%)	(19.2%)
	<u>Large Rate 01 to Rate E02 North</u>	Demand 365 m ³ Annual Volume 40,000 m ³						
15	Delivery Charges	4,148	10.3691	3,526	8.8161	(621)	(15.0%)	(15.0%)
16	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
17	Gas Supply Transportation	3,147	7.8681	1,822	4.5544	(1,325)	(42.1%)	(42.1%)
18	Gas Supply Commodity	6,454	16.1346	5,373	13.4319	(1,081)	(16.8%)	(16.8%)
19	Total Bill - Sales Service	19,849	49.6218	16,821	42.0524	(3,028)	(15.3%)	(22.0%)
20	Total Bill - Bundled Direct Purchase	18,768	46.9191	16,821	42.0524	(1,947)	(10.4%)	(15.4%)
21	Bundled Direct Purchase Impact						(14.5%)	(26.7%)
	<u>Large Rate 01 to Rate E02 East</u>	Demand 365 m ³ Annual Volume 40,000 m ³						
22	Delivery Charges	4,148	10.3691	3,446	8.6138	(702)	(16.9%)	(16.9%)
23	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-	0.0%	0.0%
24	Gas Supply Transportation	3,147	7.8681	966	2.4150	(2,181)	(69.3%)	(69.3%)
25	Gas Supply Commodity	6,454	16.1346	5,561	13.9016	(893)	(13.8%)	(13.8%)
26	Total Bill - Sales Service	19,849	49.6218	16,072	40.1803	(3,777)	(19.0%)	(27.5%)
27	Total Bill - Bundled Direct Purchase	18,956	47.3888	16,072	40.1803	(2,883)	(15.2%)	(22.4%)
28	Bundled Direct Purchase Impact						(21.5%)	(39.5%)
	<u>Small Rate 10 to Rate E02 North</u>	Demand 548 m ³ Annual Volume 60,000 m ³						
29	Delivery Charges	5,865	9.7744	5,115	8.5251	(750)	(12.8%)	(12.8%)
30	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
31	Gas Supply Transportation	3,726	6.2100	2,733	4.5544	(993)	(26.7%)	(26.7%)
32	Gas Supply Commodity	9,681	16.1346	8,059	13.4319	(1,622)	(16.8%)	(16.8%)
33	Total Bill - Sales Service	28,421	47.3690	25,057	41.7614	(3,365)	(11.8%)	(17.5%)
34	Total Bill - Bundled Direct Purchase	26,800	44.6662	25,057	41.7614	(1,743)	(6.5%)	(9.9%)
35	Bundled Direct Purchase Impact						(9.3%)	(18.2%)
	<u>Small Rate 10 to Rate E02 East</u>	Demand 548 m ³ Annual Volume 60,000 m ³						
36	Delivery Charges	5,865	9.7744	4,994	8.3228	(871)	(14.9%)	(14.9%)
37	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-	0.0%	0.0%
38	Gas Supply Transportation	3,726	6.2100	1,449	2.4150	(2,277)	(61.1%)	(61.1%)
39	Gas Supply Commodity	9,681	16.1346	8,341	13.9016	(1,340)	(13.8%)	(13.8%)
40	Total Bill - Sales Service	28,421	47.3690	23,934	39.8894	(4,488)	(15.8%)	(23.3%)
41	Total Bill - Bundled Direct Purchase	27,082	45.1359	23,934	39.8894	(3,148)	(11.6%)	(17.6%)
42	Bundled Direct Purchase Impact						(16.8%)	(32.8%)
	<u>Average Rate 10 to Rate E02 North</u>	Demand 850 m ³ Annual Volume 93,000 m ³						
43	Delivery Charges	8,330	8.9572	7,736	8.3186	(594)	(7.1%)	(7.1%)
44	Federal Carbon Charge	14,183	15.2500	14,183	15.2500	-	0.0%	0.0%
45	Gas Supply Transportation	5,775	6.2100	4,236	4.5544	(1,540)	(26.7%)	(26.7%)
46	Gas Supply Commodity	15,005	16.1346	12,492	13.4319	(2,514)	(16.8%)	(16.8%)
47	Total Bill - Sales Service	43,293	46.5518	38,646	41.5549	(4,647)	(10.7%)	(16.0%)
48	Total Bill - Bundled Direct Purchase	40,780	43.8490	38,646	41.5549	(2,134)	(5.2%)	(8.0%)
49	Bundled Direct Purchase Impact						(7.5%)	(15.1%)
	<u>Average Rate 10 to Rate E02 East</u>	Demand 850 m ³ Annual Volume 93,000 m ³						
50	Delivery Charges	8,330	8.9572	7,548	8.1163	(782)	(9.4%)	(9.4%)
51	Federal Carbon Charge	14,183	15.2500	14,183	15.2500	-	0.0%	0.0%
52	Gas Supply Transportation	5,775	6.2100	2,246	2.4150	(3,529)	(61.1%)	(61.1%)
53	Gas Supply Commodity	15,005	16.1346	12,928	13.9016	(2,077)	(13.8%)	(13.8%)
54	Total Bill	43,293	46.5518	36,905	39.6829	(6,388)	(14.8%)	(21.9%)
55	Sales Service Impact	41,216	44.3187	36,905	39.6829	(4,311)	(10.5%)	(15.9%)
56	Bundled Direct Purchase Impact						(15.2%)	(30.6%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)
	<u>Large Rate 10 to Rate E02 North</u>	Demand 2,285 m ³ Annual Volume 250,000 m ³					
57	Delivery Charges	19,249	7.6998	20,207	8.0828	958	5.0%
58	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%
59	Gas Supply Transportation	15,525	6.2100	11,386	4.5544	(4,139)	(26.7%)
60	Gas Supply Commodity	40,337	16.1346	33,580	13.4319	(6,757)	(16.8%)
61	Total Bill	113,236	45.2944	103,298	41.3191	(9,938)	(8.8%)
62	Sales Service Impact	106,479	42.5916	103,298	41.3191	(3,181)	(3.0%)
63	Bundled Direct Purchase Impact						(4.4%)
	<u>Large Rate 10 to Rate E02 East</u>	Demand 2,285 m ³ Annual Volume 250,000 m ³					
64	Delivery Charges	19,249	7.6998	19,701	7.8805	452	2.3%
65	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-	0.0%
66	Gas Supply Transportation	15,525	6.2100	6,037	2.4150	(9,488)	(61.1%)
67	Gas Supply Commodity	40,337	16.1346	34,754	13.9016	(5,583)	(13.8%)
68	Total Bill	113,236	45.2944	98,618	39.4471	(14,618)	(12.9%)
69	Sales Service Impact	107,653	43.0613	98,618	39.4471	(9,036)	(8.4%)
70	Bundled Direct Purchase Impact						(12.4%)
	<u>Small Rate 20 to Rate E10 North</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³					
71	Delivery Charges	94,661	3.1554	87,478	2.9159	(7,182)	(7.6%)
72	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%
73	Gas Supply Transportation	67,878	2.2626	97,061	3.2354	29,183	43.0%
74	Gas Supply Commodity	471,079	15.7026	402,956	13.4319	(68,123)	(14.5%)
75	Total Bill - Sales Service	1,091,117	36.3706	1,044,995	34.8332	(46,122)	(4.2%)
76	Total Bill - Bundled Direct Purchase	1,022,994	34.0998	1,044,995	34.8332	22,001	2.2%
77	Bundled Direct Purchase Impact						3.5%
	<u>Small Rate 20 to Rate E10 East</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³					
78	Delivery Charges	94,661	3.1554	101,044	3.3681	6,383	6.7%
79	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%
80	Gas Supply Transportation	67,878	2.2626	44,565	1.4855	(23,313)	(34.3%)
81	Gas Supply Commodity	471,079	15.7026	417,047	13.9016	(54,032)	(11.5%)
82	Total Bill - Sales Service	1,091,117	36.3706	1,020,155	34.0052	(70,962)	(6.5%)
83	Total Bill - Bundled Direct Purchase	1,037,085	34.5695	1,020,155	34.0052	(16,930)	(1.6%)
84	Bundled Direct Purchase Impact						(2.7%)
	<u>Large Rate 20 to Rate E10 North</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³					
85	Delivery Charges	367,583	2.4506	359,268	2.3951	(8,314)	(2.3%)
86	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%
87	Gas Supply Transportation	290,904	1.9394	485,303	3.2354	194,399	66.8%
88	Gas Supply Commodity	2,355,394	15.7026	2,014,779	13.4319	(340,615)	(14.5%)
89	Total Bill - Sales Service	5,301,381	35.3425	5,146,851	34.3123	(154,530)	(2.9%)
90	Total Bill - Bundled Direct Purchase	4,960,766	33.0718	5,146,851	34.3123	186,084	3.8%
91	Bundled Direct Purchase Impact						6.3%
	<u>Large Rate 20 to Rate E10 East</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³					
92	Delivery Charges	367,583	2.4506	368,374	2.4558	791	0.2%
93	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%
94	Gas Supply Transportation	290,904	1.9394	222,823	1.4855	(68,082)	(23.4%)
95	Gas Supply Commodity	2,355,394	15.7026	2,085,234	13.9016	(270,160)	(11.5%)
96	Total Bill - Sales Service	5,301,381	35.3425	4,963,931	33.0929	(337,450)	(6.4%)
97	Total Bill - Bundled Direct Purchase	5,031,221	33.5415	4,963,931	33.0929	(67,290)	(1.3%)
98	Bundled Direct Purchase Impact						(2.3%)
	<u>Small Rate 20 to Rate E22</u>	Demand 14,000 m ³ Annual Volume 3,000,000 m ³					
99	Delivery Charges	94,661	3.1554	64,042	2.1347	(30,618)	(32.3%)
100	Federal Carbon Charge	457,500	15.2500	457,500	15.2500	-	0.0%
101	Gas Supply Transportation	67,878	2.2626	-	0.0000	(67,878)	(100.0%)
102	Gas Supply Commodity	471,079	15.7026	402,956	13.4319	(68,123)	(14.5%)
103	Total Bill - Sales Service	1,091,117	36.3706	924,498	30.8166	(166,619)	(15.3%)
104	Total Bill - Bundled Direct Purchase	1,022,994	34.0998	924,498	30.8166	(98,496)	(9.6%)
105	Bundled Direct Purchase Impact						(9.6%)
	<u>Large Rate 20 to Rate E22</u>	Demand 60,000 m ³ Annual Volume 15,000,000 m ³					
106	Delivery Charges	367,583	2.4506	171,094	1.1406	(196,489)	(53.5%)
107	Federal Carbon Charge	2,287,500	15.2500	2,287,500	15.2500	-	0.0%
108	Gas Supply Transportation	290,904	1.9394	-	0.0000	(290,904)	(100.0%)
109	Gas Supply Commodity	2,355,394	15.7026	2,014,779	13.4319	(340,615)	(14.5%)
110	Total Bill - Sales Service	5,301,381	35.3425	4,473,373	29.8225	(828,008)	(15.6%)
111	Total Bill - Bundled Direct Purchase	4,960,766	33.0718	4,473,373	29.8225	(487,393)	(9.8%)
112	Bundled Direct Purchase Impact						(9.8%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
Union North Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)(3)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<u>Average Rate 25 to Rate E30 North</u>	Demand 20,776 m ³ Annual Volume 2,275,000 m ³				-		
113	Delivery Charges	81,608	3.5871	16,027	0.7045	(65,581)	(80.4%)	(80.4%)
114	Federal Carbon Charge	346,938	15.2500	346,938	15.2500	-	0.0%	0.0%
115	Gas Supply Transportation	20,789	0.9138	39,154	1.7210	18,365	88.3%	88.3%
116	Gas Supply Commodity	233,467	10.2623	305,575	13.4319	72,108	30.9%	30.9%
117	Total Bill - Sales Service	682,801	30.0132	707,693	31.1074	24,893	3.6%	7.4%
118	Total Bill - Bundled Direct Purchase	754,909	33.1828	707,693	31.1074	(47,216)	(6.3%)	(11.6%)
119	Bundled Direct Purchase Impact						(10.5%)	(46.1%)
	<u>Average Rate 25 to Rate E30 East</u>	Demand 20,776 m ³ Annual Volume 2,275,000 m ³						
120	Delivery Charges	81,608	3.5871	27,674	1.2164	(53,934)	(66.1%)	(66.1%)
121	Federal Carbon Charge	346,938	15.2500	346,938	15.2500	-	0.0%	0.0%
122	Gas Supply Transportation	20,789	0.9138	21,081	0.9266	292	1.4%	1.4%
123	Gas Supply Commodity	233,467	10.2623	316,261	13.9016	82,794	35.5%	35.5%
124	Total Bill - Sales Service	682,801	30.0132	711,952	31.2946	29,152	4.3%	8.7%
125	Total Bill - Bundled Direct Purchase	765,595	33.6525	711,952	31.2946	(53,642)	(7.0%)	(12.8%)
126	Bundled Direct Purchase Impact						(11.9%)	(52.4%)
	<u>Small Rate 100 to Rate E22</u>	Demand 100,000 m ³ Annual Volume 27,000,000 m ³						
127	Delivery Charges	339,465	1.2573	244,133	0.9042	(95,332)	(28.1%)	(28.1%)
128	Federal Carbon Charge	4,117,500	15.2500	4,117,500	15.2500	-	0.0%	0.0%
129	Gas Supply Transportation	1,115,631	4.1320	-	0.0000	(1,115,631)	(100.0%)	(100.0%)
130	Gas Supply Commodity	4,239,709	15.7026	3,626,603	13.4319	(613,106)	(14.5%)	(14.5%)
131	Total Bill - Sales Service	9,812,306	36.3419	7,988,236	29.5861	(1,824,070)	(18.6%)	(32.0%)
132	Total Bill - Bundled Direct Purchase	9,199,200	3.8330	7,988,236	3.3284	(1,210,964)	(13.2%)	(23.8%)
133	Bundled Direct Purchase Impact						(21.7%)	(83.2%)
132	Total Bill - Unbundled Direct Purchase	8,083,568	29.9391	7,988,236	29.5861	(95,332)	(1.2%)	(2.4%)
134	Unbundled Direct Purchase Impact						(2.1%)	(28.1%)
	<u>Large Rate 100 to Rate E22</u>	Demand 850,000 m ³ Annual Volume 240,000,000 m ³						
135	Delivery Charges	2,767,122	1.1530	1,603,882	0.6683	(1,163,240)	(42.0%)	(42.0%)
136	Federal Carbon Charge	36,600,000	15.2500	36,600,000	15.2500	-	0.0%	0.0%
137	Gas Supply Transportation	9,482,867	3.9512	-	0.0000	(9,482,867)	(100.0%)	(100.0%)
138	Gas Supply Commodity	37,686,304	15.7026	32,236,471	13.4319	(5,449,832)	(14.5%)	(14.5%)
139	Total Bill - Sales Service	86,536,292	36.0568	70,440,354	29.3501	(16,095,939)	(18.6%)	(32.2%)
140	Total Bill - Bundled Direct Purchase	81,086,460	33.7860	70,440,354	29.3501	(10,646,106)	(13.1%)	(23.9%)
141	Bundled Direct Purchase Impact						(21.8%)	(86.9%)
142	Total Bill - Unbundled Direct Purchase	71,603,594	29.8348	70,440,354	29.3501	(1,163,240)	(1.6%)	(3.3%)
143	Unbundled Direct Purchase Impact						(3.0%)	(42.0%)

Notes:

- (1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
- (2) Bill impacts exclude Rider K and Rider R.
- (3) Gas Supply charges based on Union North East Zone.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
Union South Rate Zone

Line No.	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)		Total Bill Change		Bill Impact		Bill Impact - Panhandle and St. Clair Split	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)		Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Total Bill Change (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)		(f) = (e / a)	(g)	(h)	(i) = (h - g)
Small Rate M1 to Rate E01 South (1)											
Demand 20 m ³ Annual Volume 2,200 m ³											
1	Delivery Charges	453	20.5998	499	22.6916	46		10.2%	10.2%	11.0%	0.8%
2	Federal Carbon Charge	336	15.2500	336	15.2500	-		0.0%	0.0%	0.0%	0.0%
3	Gas Supply Transportation	-	-	7	0.3205	7		100.0%	100.0%	100.0%	0.0%
4	Gas Supply Commodity	357	16.2433	345	15.6943	(12)		(3.4%)	(3.4%)	(3.4%)	0.0%
5	Total Bill - Sales Service	1,146	52.0930	1,187	53.9564	41		3.6%	5.1%	5.5%	0.5%
6	Total Bill - Bundled Direct Purchase	1,134	51.5441	1,187	53.9564	53		4.7%	6.6%	7.1%	0.5%
7	Bundled Direct Purchase Impact							6.7%	11.7%	12.5%	0.8%
Large Rate M1 to Rate E02 South											
Demand 365 m ³ Annual Volume 40,000 m ³											
8	Delivery Charges	2,658	6.6459	3,148	7.8710	490		18.4%	18.4%	21.0%	2.5%
9	Federal Carbon Charge	6,100	15.2500	6,100	15.2500	-		0.0%	0.0%	0.0%	0.0%
10	Gas Supply Transportation	-	-	127	0.3181	127		100.0%	100.0%	100.0%	0.0%
11	Gas Supply Commodity	6,497	16.2433	6,278	15.6943	(220)		(3.4%)	(3.4%)	(3.4%)	0.0%
12	Total Bill - Sales Service	15,256	38.1392	15,653	39.1334	398		2.6%	4.3%	5.1%	0.7%
13	Total Bill - Bundled Direct Purchase	15,036	37.5902	15,653	39.1334	617		4.1%	6.9%	7.7%	0.8%
14	Bundled Direct Purchase Impact							7.0%	23.2%	25.8%	2.5%
Small Rate M2 to Rate E02 South											
Demand 613 m ³ Annual Volume 60,000 m ³											
15	Delivery Charges	4,933	8.2216	4,548	7.5800	(385)		(7.8%)	(7.8%)	-5.7%	2.1%
16	Federal Carbon Charge	9,150	15.2500	9,150	15.2500	-		0.0%	0.0%	0.0%	0.0%
17	Gas Supply Transportation	-	-	191	0.3181	191		100.0%	100.0%	100.0%	0.0%
18	Gas Supply Commodity	9,746	16.2433	9,417	15.6943	(329)		(3.4%)	(3.4%)	(3.4%)	0.0%
19	Total Bill - Sales Service	23,829	39.7148	23,305	38.8424	(523)		(2.2%)	(3.6%)	-2.9%	0.7%
20	Total Bill - Bundled Direct Purchase	23,500	39.1659	23,305	38.8424	(194)		(0.8%)	(1.4%)	-0.6%	0.7%
21	Bundled Direct Purchase Impact							(1.4%)	(3.9%)	-1.9%	2.1%
Average Rate M2 to Rate E02 South											
Demand 746 m ³ Annual Volume 73,000 m ³											
22	Delivery Charges	5,773	7.9082	5,458	7.4764	(315)		(5.5%)	(5.5%)	-3.3%	2.1%
23	Federal Carbon Charge	11,133	15.2500	11,133	15.2500	-		0.0%	0.0%	0.0%	0.0%
24	Gas Supply Transportation	-	-	232	0.3181	232		100.0%	100.0%	100.0%	0.0%
25	Gas Supply Commodity	11,858	16.2433	11,457	15.6943	(401)		(3.4%)	(3.4%)	(3.4%)	0.0%
26	Total Bill - Sales Service	28,763	39.4015	28,279	38.7388	(484)		(1.7%)	(2.7%)	-2.0%	0.7%
27	Total Bill - Bundled Direct Purchase	28,362	38.8525	28,279	38.7388	(83)		(0.3%)	(0.5%)	0.2%	0.7%
28	Bundled Direct Purchase Impact							(0.5%)	(1.4%)	0.7%	2.1%
Large Rate M2 to Rate E02 South											
Demand 2,556 m ³ Annual Volume 250,000 m ³											
29	Delivery Charges	16,762	6.7047	17,844	7.1377	1,083		6.5%	6.5%	9.0%	2.5%
30	Federal Carbon Charge	38,125	15.2500	38,125	15.2500	-		0.0%	0.0%	0.0%	0.0%
31	Gas Supply Transportation	-	-	795	0.3181	795		100.0%	100.0%	100.0%	0.0%
32	Gas Supply Commodity	40,608	16.2433	39,236	15.6943	(1,372)		(3.4%)	(3.4%)	(3.4%)	0.0%
33	Total Bill - Sales Service	95,495	38.1979	96,000	38.4001	505		0.5%	0.9%	1.6%	0.7%
34	Total Bill - Bundled Direct Purchase	94,122	37.6490	96,000	38.4001	1,878		2.0%	3.4%	4.1%	0.8%
35	Bundled Direct Purchase Impact							3.4%	11.2%	13.7%	2.5%
Small Rate M4 to Rate E10 South											
Demand 4,800 m ³ Annual Volume 875,000 m ³											
36	Delivery Charges	58,954	6.7376	43,569	4.9793	(15,385)		(26.1%)	(26.1%)	(18.1%)	8.0%
37	Federal Carbon Charge	133,438	15.2500	133,438	15.2500	-		0.0%	0.0%	0.0%	0.0%
38	Gas Supply Transportation	-	-	2,385	0.2726	2,385		100.0%	100.0%	100.0%	0.0%
39	Gas Supply Commodity	142,128	16.2433	137,325	15.6943	(4,803)		(3.4%)	(3.4%)	(3.4%)	0.0%
40	Total Bill - Sales Service	334,520	38.2308	316,717	36.1962	(17,802)		(5.3%)	(8.9%)	(6.5%)	2.3%
41	Total Bill - Bundled Direct Purchase	329,716	37.6819	316,717	36.1962	(12,999)		(3.9%)	(6.6%)	(4.2%)	2.4%
42	Bundled Direct Purchase Impact							(6.8%)	(22.0%)	(14.1%)	8.0%
Large Rate M4 to Rate E10 South											
Demand 50,000 m ³ Annual Volume 12,000,000 m ³											
43	Delivery Charges	472,901	3.9408	301,414	2.5118	(171,487)		(36.3%)	(36.3%)	(28.7%)	7.6%
44	Federal Carbon Charge	1,830,000	15.2500	1,830,000	15.2500	-		0.0%	0.0%	0.0%	0.0%
45	Gas Supply Transportation	-	-	32,714	0.2726	32,714		100.0%	100.0%	100.0%	0.0%
46	Gas Supply Commodity	1,949,190	16.2433	1,883,316	15.6943	(65,874)		(3.4%)	(3.4%)	(3.4%)	0.0%
47	Total Bill - Sales Service	4,252,091	35.4341	4,047,444	33.7287	(204,647)		(4.8%)	(8.4%)	(7.0%)	1.5%
48	Total Bill - Bundled Direct Purchase	4,186,217	34.8851	4,047,444	33.7287	(138,773)		(3.3%)	(5.9%)	(4.4%)	1.5%
49	Bundled Direct Purchase Impact							(6.0%)	(29.3%)	(21.8%)	7.6%
Small Rate M5 to Rate E30 South											
Demand 7,500 m ³ Annual Volume 825,000 m ³											
50	Delivery Charges	38,918	4.7173	14,666	1.7777	(24,252)		(62.3%)	(62.3%)	(62.3%)	0.0%
51	Federal Carbon Charge	125,813	15.2500	125,813	15.2500	-		0.0%	0.0%	0.0%	0.0%
52	Gas Supply Transportation	-	-	967	0.1172	967		100.0%	100.0%	100.0%	0.0%
53	Gas Supply Commodity	134,007	16.2433	129,478	15.6943	(4,529)		(3.4%)	(3.4%)	(3.4%)	0.0%
54	Total Bill - Sales Service	298,737	36.2106	270,924	32.8392	(27,813)		(9.3%)	(16.1%)	(16.1%)	0.0%
55	Total Bill - Bundled Direct Purchase	294,208	35.6616	270,924	32.8392	(23,285)		(7.9%)	(13.8%)	(13.8%)	0.0%
56	Bundled Direct Purchase Impact							(14.1%)	(59.8%)	(59.8%)	0.0%
Large Rate M5 to Rate E30 South											
Demand 70,000 m ³ Annual Volume 6,500,000 m ³											
57	Delivery Charges	226,552	3.4854	85,909	1.3217	(140,642)		(62.1%)	(62.1%)	(62.1%)	0.0%
58	Federal Carbon Charge	991,250	15.2500	991,250	15.2500	-		0.0%	0.0%	0.0%	0.0%
59	Gas Supply Transportation	-	-	7,620	0.1172	7,620		100.0%	100.0%	100.0%	0.0%
60	Gas Supply Commodity	1,055,811	16.2433	1,020,130	15.6943	(35,682)		(3.4%)	(3.4%)	(3.4%)	0.0%
61	Total Bill - Sales Service	2,273,613	34.9787	2,104,909	32.3832	(168,704)		(7.4%)	(13.2%)	(13.2%)	0.0%
62	Total Bill - Bundled Direct Purchase	2,237,931	34.4297	2,104,909	32.3832	(133,022)		(5.9%)	(10.7%)	(10.7%)	0.0%
63	Bundled Direct Purchase Impact							(10.9%)	(58.7%)	(58.7%)	0.0%

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
Union South Rate Zone

		EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)		Bill Impact		Bill Impact - Panhandle and St. Clair Split	
Line		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge	Total Bill Change
No.	Particulars	(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(i) = (h - g)
<u>Small Rate M7 to Rate E10 South</u>		Demand 165,000 m ³ Annual Volume 36,000,000 m ³							
64	Delivery Charges	871,721	2.4214	827,261	2.2979	(44,460)	(5.1%)	(5.1%)	11.3%
65	Federal Carbon Charge	5,490,000	15.2500	5,490,000	15.2500	-	0.0%	0.0%	0.0%
66	Gas Supply Transportation	-	-	98,143	0.2726	98,143	100.0%	100.0%	0.0%
67	Gas Supply Commodity	5,847,570	16.2433	5,649,949	15.6943	(197,621)	(3.4%)	(3.4%)	0.0%
68	Total Bill - Sales Service	12,209,291	33.9147	12,065,352	33.5149	(143,939)	(1.2%)	(2.1%)	1.5%
69	Total Bill - Bundled Direct Purchase	12,011,669	33.3657	12,065,352	33.5149	53,683	0.4%	0.8%	1.5%
70	Bundled Direct Purchase Impact						0.8%	6.2%	11.3%
<u>Large Rate M7 to Rate E10 South</u>		Demand 720,000 m ³ Annual Volume 52,000,000 m ³							
71	Delivery Charges	3,396,434	6.5316	3,284,038	6.3155	(112,396)	(3.3%)	(3.3%)	11.8%
72	Federal Carbon Charge	7,930,000	15.2500	7,930,000	15.2500	-	0.0%	0.0%	0.0%
73	Gas Supply Transportation	-	-	141,762	0.2726	141,762	100.0%	100.0%	0.0%
74	Gas Supply Commodity	8,446,490	16.2433	8,161,037	15.6943	(285,453)	(3.4%)	(3.4%)	0.0%
75	Total Bill - Sales Service	19,772,924	38.0249	19,516,837	37.5324	(256,087)	(1.3%)	(2.2%)	3.4%
76	Total Bill - Bundled Direct Purchase	19,487,471	37.4759	19,516,837	37.5324	29,366	0.2%	0.3%	3.5%
77	Bundled Direct Purchase Impact						0.3%	0.9%	11.8%
<u>Small Rate M9 to Rate E62 South (3)</u>		Demand 56,439 m ³ Annual Volume 6,950,000 m ³							
78	Delivery Charges	209,336	3.0120	194,717	2.8017	(14,619)		(7.0%)	0.0%
79	Gas Supply Transportation	-	-	14,055	0.2022	14,055	100.0%	100.0%	0.0%
80	Gas Supply Commodity	1,128,906	16.2433	1,090,754	15.6943	(38,152)	(3.4%)	(3.4%)	0.0%
81	Total Bill - Sales Service	1,338,242	19.2553	1,299,526	18.6982	(38,716)	(2.9%)	(2.9%)	0.0%
82	Total Bill - Bundled Direct Purchase	1,300,090	18.7063	1,299,526	18.6982	(564)		(0.0%)	0.0%
83	Bundled Direct Purchase Impact							(0.3%)	0.0%
<u>Large Rate M9 to Rate E62 South (3)</u>		Demand 168,100 m ³ Annual Volume 20,178,000 m ³							
84	Delivery Charges	621,999	3.0826	567,659	2.8133	(54,339)		(8.7%)	0.0%
85	Gas Supply Transportation	-	-	40,805	0.2022	40,805	100.0%	100.0%	0.0%
86	Gas Supply Commodity	3,277,563	16.2433	3,166,796	15.6943	(110,767)	(3.4%)	(3.4%)	0.0%
87	Total Bill - Sales Service	3,899,562	19.3258	3,775,261	18.7098	(124,301)	(3.2%)	(3.2%)	0.0%
88	Total Bill - Bundled Direct Purchase	3,788,795	18.7769	3,775,261	18.7098	(13,534)		(0.4%)	0.0%
89	Bundled Direct Purchase Impact							(2.2%)	0.0%
<u>Small Rate T1 to Rate E20 South</u>		Demand 25,750 m ³ Annual Volume 7,537,000 m ³							
90	Delivery Charges	176,699	2.3444	176,022	2.3354	(677)	(0.4%)	(0.4%)	(12.0%)
91	Federal Carbon Charge	1,149,393	15.2500	1,149,393	15.2500	-	0.0%	0.0%	0.0%
92	Gas Supply Commodity	1,224,254	16.2433	1,182,880	15.6943	(41,374)	(3.4%)	(3.4%)	0.0%
93	Total Bill - Sales Service	2,550,345	33.8377	2,508,294	33.2797	(42,051)	(1.6%)	(3.0%)	(1.5%)
94	Total Bill - Bundled Direct Purchase	2,508,971	33.2887	2,508,294	33.2797	(677)	0.0%	(0.0%)	(1.6%)
95	Bundled Direct Purchase Impact						(0.1%)	(0.4%)	(12.0%)
<u>Average Rate T1 to Rate E20 South</u>		Demand 48,750 m ³ Annual Volume 11,565,938 m ³							
96	Delivery Charges	274,088	2.3698	265,706	2.2973	(8,381)	(3.1%)	(3.1%)	(12.7%)
97	Federal Carbon Charge	1,763,806	15.2500	1,763,806	15.2500	-	0.0%	0.0%	0.0%
98	Gas Supply Commodity	1,878,684	16.2433	1,815,193	15.6943	(63,491)	(3.4%)	(3.4%)	0.0%
99	Total Bill - Sales Service	3,916,578	33.8630	3,844,705	33.2416	(71,872)	(1.8%)	(3.3%)	(1.6%)
100	Total Bill - Bundled Direct Purchase	3,853,087	33.3141	3,844,705	33.2416	(8,381)	(0.2%)	(0.4%)	(1.7%)
101	Bundled Direct Purchase Impact						(0.4%)	(3.1%)	(12.7%)
<u>Large Rate T1 to Rate E20 South</u>		Demand 133,000 m ³ Annual Volume 25,624,080 m ³							
102	Delivery Charges	616,243	2.4049	566,878	2.2123	(49,365)	(8.0%)	(8.0%)	(13.0%)
103	Federal Carbon Charge	3,907,672	15.2500	3,907,672	15.2500	-	0.0%	0.0%	0.0%
104	Gas Supply Commodity	4,162,184	16.2433	4,021,521	15.6943	(140,663)	(3.4%)	(3.4%)	0.0%
105	Total Bill - Sales Service	8,686,099	33.8982	8,496,071	33.1566	(190,028)	(2.2%)	(4.0%)	(1.7%)
106	Total Bill - Bundled Direct Purchase	8,545,436	33.3492	8,496,071	33.1566	(49,365)	(0.6%)	(1.1%)	(1.7%)
107	Bundled Direct Purchase Impact						(1.1%)	(8.0%)	(13.0%)
<u>Small Rate T2 to Rate E20 South</u>		Demand 190,000 m ³ Annual Volume 59,256,000 m ³							
108	Delivery Charges	818,702	1.3816	778,946	1.3145	(39,756)	(4.9%)	(4.9%)	(13.1%)
109	Federal Carbon Charge	9,036,540	15.2500	9,036,540	15.2500	-	0.0%	0.0%	0.0%
110	Gas Supply Commodity	9,625,101	16.2433	9,299,816	15.6943	(325,285)	(3.4%)	(3.4%)	0.0%
111	Total Bill - Sales Service	19,480,343	32.8749	19,115,302	32.2588	(365,041)	(1.9%)	(3.5%)	(1.0%)
112	Total Bill - Bundled Direct Purchase	19,155,058	32.3259	19,115,302	32.2588	(39,756)	(0.2%)	(0.4%)	(1.1%)
113	Bundled Direct Purchase Impact						(0.4%)	(4.9%)	(13.1%)
<u>Average Rate T2 to Rate E20 South</u>		Demand 669,000 m ³ Annual Volume 197,789,850 m ³							
114	Delivery Charges	2,035,557	1.0292	2,288,045	1.1568	252,488	12.4%	12.4%	(15.7%)
115	Federal Carbon Charge	30,162,952	15.2500	30,162,952	15.2500	-	0.0%	0.0%	0.0%
116	Gas Supply Commodity	32,127,501	16.2433	31,041,738	15.6943	(1,085,764)	(3.4%)	(3.4%)	0.0%
117	Total Bill - Sales Service	64,326,010	32.5224	63,492,734	32,1011	(833,276)	(1.3%)	(2.4%)	(0.9%)
118	Total Bill - Bundled Direct Purchase	63,240,247	31.9735	63,492,734	32,1011	252,488	0.4%	0.8%	(1.0%)
119	Bundled Direct Purchase Impact						0.8%	12.4%	(15.7%)
<u>Large Rate T2 to Rate E20 South</u>		Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³							
120	Delivery Charges	3,404,458	0.9199	3,985,589	1.0769	581,130	17.1%	17.1%	0.8%
121	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%	0.0%
122	Gas Supply Commodity	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)	0.0%
123	Total Bill - Sales Service	119,957,515	32.4132	118,507,049	32,0212	(1,450,466)	(1.2%)	(2.3%)	(0.9%)
124	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	118,507,049	32,0212	581,130	0.5%	0.9%	(0.9%)
125	Bundled Direct Purchase Impact						1.0%	17.1%	(16.3%)

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers - Three Rate Zones - With One Rate Zone Distribution
Union South Rate Zone

Line	Particulars	EB-2024-0166 - Current Approved (1)(2)		EB-2025-0064 - 2024 Proposed (2)			Bill Impact		Bill Impact - Panhandle and St. Clair Split	
		Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill (\$)	Unit Rate (cents/m ³)	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)	Total Bill Change (%)
No.		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)	(h)	(i) = (h - g)
	<u>Large Rate T2 to Rate E24 South</u>	Demand 1,200,000 m ³ Annual Volume 370,089,000 m ³								
126	Delivery Charges	3,404,458	0.9199	2,235,084	0.6039	(1,169,374)	(34.3%)	(34.3%)	(54.6%)	(20.2%)
127	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%	0.0%	0.0%
128	Gas Supply Commodity	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)	(3.4%)	0.0%
129	Total Bill - Sales Service	119,957,515	32.4132	116,756,544	31.5482	(3,200,970)	(2.7%)	(5.0%)	(6.1%)	(1.1%)
130	Total Bill - Unbundled Direct Purchase	117,925,918	31.8642	116,756,544	31.5482	(1,169,374)	(1.0%)	(1.9%)	(3.0%)	(1.1%)
131	Unbundled Direct Purchase Impact						(2.0%)	(34.3%)	(54.6%)	(20.2%)
	<u>Large Rate T3 to Rate E64 South (3)</u>	Demand 2,350,000 m ³ Annual Volume 272,712,000 m ³								
132	Delivery Charges	6,826,798	2.5033	6,844,946	2.5100	18,148		0.3%	0.3%	0.0%
133	Gas Supply Commodity	44,297,294	16.2433	42,800,246	15.6943	(1,497,047)	(3.4%)	(3.4%)	(3.4%)	0.0%
134	Total Bill - Sales Service	51,124,091	18.7466	49,645,193	18.2043	(1,478,899)	(2.9%)	(2.9%)	(2.9%)	0.0%
135	Total Bill - Bundled Direct Purchase	49,627,044	18.1976	49,645,193	18.2043	18,148		0.0%	0.0%	0.0%
136	Bundled Direct Purchase Impact							0.3%	0.3%	0.0%

Notes:
(1) EB-2024-0166, Exhibit F, Tab 1, Appendix D.
(2) Bill impacts exclude Rider K and Rider R.
(3) Rate M9 and Rate T3 customers are not charged the Federal Carbon Charge.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question 1:

In terms of balancing transactions, Enbridge has indicated the more flexible Union South services and procedures will be available for all customers.

- a) Will this include the nomination requirements under Union South (i.e. remove requirement for 3 business days notice for nominations for balancing transactions in EGD and replacing with Union South current nomination practices)?
- b) Has Enbridge evaluated the impact of the merged operations on service availability? Will there be more “yellow light” days under the merged operations?

Response:

- a) Yes. Please see Phase 3 Exhibit 8, Tab 4, Schedule 3, Section 6.3. Most balancing transactions (IFT, EFT, Suspension, and Incremental Supply) will be requested directly via the nomination process similar to the approach used by semi-unbundled customers in the Union South rate zone today. Market-priced transactions (Loan, Storage, Backstop Supply) will require some lead time to determine availability and pricing, as well as execution of an Authorization Notice or contract amendment.
- b) There is no expectation that the merged operations will limit service availability or impact the frequency of the yellow light.

Question 2:

Has EGI evaluated adopting legacy EGD’s title transfer process (or similar) for use in the new Enerline and is this feasible?

Response:

Enbridge Gas evaluated the process for title transfers used in the EGD rate zone as part of the process to develop the service harmonization proposal. While customers and zone title transfer process is mechanically possible, Enbridge Gas has proposed a process consistent with what is used in the Union rate zones as it provides for a more equitable and transparent allocation of services, is consistent with other services offered

to customers, and aligns to the Priority of Service and the Storage and Transportation Access Rule.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

Further to the ADR-11 Response, if Empress delivery is retained as an option, please confirm:

- (1) Empress delivery will persist as an option only, not an obligation for bundled or semi-unbundled DP customers, and*
- (2) MDV monthly or seasonal ratcheting will be eliminated for a client electing Empress deliveries*

Response:

- 1) Empress deliveries would not be a required point of receipt for DP customers. Empress deliveries would continue to be available for the bundled DP customers that currently have that point of receipt. Availability of Empress as a point of receipt for DP customers may be limited based on location and type of service. For example, Enbridge Gas currently does not offer nor support Empress deliveries for semi-unbundled customers.
- 2) Confirmed.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Reference:

Phase 3 Exhibit 8 Tab 4 Schedule 5 Pages 26-27

Preamble:

At paragraph 82(b), EGI states that “customers that have significant variability in hourly consumption and are large enough to adversely impact the services provided to other customers are required to manage their daily and hourly balance within tighter limits (firm contract demand / 20 hours x 2) and, where necessary, hourly limits apply in addition to daily limits (per Section 1.2).” (collectively the “**Significant Variability Customer**”)

Question:

1. Please describe, in detail, when a customer has “significant variability in hourly consumption and are large enough to adversely impact the services provided to other customers.”
2. Please set out all objective parameters EGI considers when classifying a customer as a Significant Variability Customer, such as:
 - a. What classes and/or types of customers qualify as a Significant Variability Customer?
 - b. Over what period of time will a Significant Variability Customer be determined?
 - c. What volumes “are large enough to adversely impact the services provided to other customers”?

In your answers to the above questions, please distinguish between summer and winter peak periods, if applicable.

3. Please update Table 4 in Phase 3 Exhibit 8 Tab 4 Schedule 5 to include two columns for the types of customers contemplated at paragraphs 82(a) and 82(b).
 - a. What are the anticipated bill impacts for a representative example of those customers? If possible, please include the costs that may result from seeking gas in the market assuming historical pricing.
4. Please show current utilization of balancing provisions - whether through CBS, DVA, or another mechanism.

5. Is EGI aware of the adverse impacts on gas fired generators if balancing services are curtailed? Is EGI aware that gas fired generators may not have a mechanism to recover these costs from the market or the IESO?
6. Please provide details with respect to:
 - a. the adverse impact on the services provided to other customers, including the actions that EGI has to take, if any, to work around, mitigate or eliminate those impacts;
 - b. the costs, if any, to undertake those actions, and how the costs of any such actions are funded (i.e. through the rates charged to the significant variability customers, through the rates charged to the adversely impacted customer, or absorbed by EGI);
 - c. why the Significant Variability Customer restriction is applicable throughout the entire EGI service area year round when EGI has identified the ability to provide UBS service without the Significant Variability Customer restriction in many geographic areas (i.e., the gas-fired generator referenced in paragraph 84); and
 - d. whether the Significant Variability Customer restriction could be eliminated for all existing customers and those gas-fired generators participating in current IESO procurements.

Response:

1. Significant variability in hourly consumption refers to large customers, often gas-fired generators, whose nominated and actual usage can vary greatly on a daily or intra-day (hourly) basis. The methodology for balancing services applied to these customers is set at tighter daily and cumulative limits (firm contract demand / 20 hours x 2) regardless of location. The tighter limits apply to the proposed UBS service and are not necessarily more restrictive than the current service offering.

There are currently five customers that will take a balancing service with Enbridge Gas that require the tighter balancing limits of the proposed UBS. These customers are large power generators with a firm CD of at least 1.2 million m³ that started taking service at the time of Natural Gas Electricity Interface Review (NGEIR).¹ In that proceeding, it was recognized that these customers require new enhanced

¹ EB-2005-0551, OEB Decision and Order, November 7, 2006. NGEIR was a proceeding to determine whether the OEB should order new rates for the provision of natural gas, transmission, distribution and storage services to gas-fired generators (and other qualified customers). This included a review of more frequent nomination windows, firm high deliverability storage service, amongst other things. Services were developed that provided gas-fired generators the ability to better match supply and consumption as their needs changed through the day.

services that recognize their size and operating characteristics and as a result, these customers currently operate with enhanced transportation and storage services designed to meet their daily and intra-day (hourly) requirements.

These customers are proposed to take service under the extra-large unbundled Rate E24 rate class and currently take service as follows:

- One customer in Rate 125 in the EGD rate zone with an LBS. The LBS currently has lower limits than the current CBS in Union North and a 10% seasonal limitation.
- One customer in Rate 20 in the Union North rate zone with an hourly CBS, which is unchanged under the proposal; and
- Three customers in Rate T2 in the Union South rate zone with no balancing service (all imbalances are currently managed through storage service). The proposed UBS is incremental to their current services and there are no proposed changes to their contracted storage service.²

Because these customers have enhanced transportation and storage services, they will be able to operate within the tighter limits of the UBS, as compared to other unbundled customers.

Enbridge Gas reviewed the impacts of its unbundled service harmonization proposals including the harmonized balancing and storage services with each of these customers. As noted at Exhibit 8, Tab 4, Schedule 5, Section 4.4, the concerns raised by two customers were with the requirement to nominate storage and potential balancing risks. These concerns appeared to be addressed by the option for customer to contract for the F24-S service which provides access to more nomination windows to better match supply to consumption.

Additional hourly balancing is currently required and is proposed to continue to be required for the one customer in the Union North rate zone, given the size of the customer in relation to the rest of the customer base served by Enbridge Gas in that area (the market) in that delivery area.³

2.

- a) In principle, a customer with significant variability could include any large unbundled DP customers with natural gas usage that ramps up and down significantly throughout the day on an hourly (or more frequent) basis. Under the harmonized rate classes, this would include some of the customers taking service under Rate E24 today, as described in response to question 1.

² Under the harmonized service, these customers will be required to nominate their use of storage.

³ Variability is harder to manage in the Union North rate zone because balancing resources are limited and primarily rely on third-party TransCanada assets that are not being used by firm customers.

- b) A time period is determined based on varying usage of gas on an hourly and daily basis and is not based on any particular time of year. Significant variability in gas usage by these customers could occur at any point throughout the year as power generators can ramp up and down in the winter and summer.
 - c) It would be difficult to quantify specific volumes that would adversely impact the system since it would vary in each delivery area based on the size of the market in that delivery area. The potential for adverse impacts as a result of significant variability in gas usage of a customer is determined by Enbridge Gas based on its operational experience in running its storage, transmission and distribution system, and tracking specific customer class patterns. For example, hourly variability in the Union WDA (smaller market area) would have a greater impact compared to the Union EDA (larger market area) all else being equal.
3. Please see Attachment 1. The customers contemplated in Phase 3 Exhibit 8 Tab 4 Schedule 5 paragraph 82 a) are directly connected to a third-party pipeline and do not take a balancing service from Enbridge Gas as they balance directly with the third-party pipeline. The customers contemplated in paragraph 82 b) are subject to the tighter daily limit of the UBS and one customer has hourly limits, as described in response to question 1. The customers are described further in Phase 3 Exhibit 8 Tab 4 Schedule 5 paragraphs 84, 85 and 87.⁴
- a) Enbridge Gas is not able to quantify what costs would be incurred by a power generator to undertake balancing activity. The proposed UBS charges represent a small portion of a customer's total bill at approximately 0.1% (or less than \$0.1 million).
4. The balancing service is primarily used by customers in Union North (currently referred to as CBS for North T-Service customers). Balancing services are also used by one customer in the Union South rate zone (T-Service customer with DVA) and by one customer in the EGD rate zone (unbundled with LBS). It is estimated that the cumulative activity for each transaction by customer (including both injection/withdrawals from the balancing account) is in the order of magnitude of 10-15 PJ/year. The actual net activity per day is significantly lower across all customers as some customers may be injecting on a gas day, while other customers are withdrawing. Enbridge Gas cannot forecast the use of the proposed UBS in Union

⁴ Paragraph 84 describes one large gas-fired power general customer in the EGD rate zone that currently has an LBS, paragraph 85 describes one large gas-fired power generation customer in the Union North rate zone that currently has an hourly CBS, and paragraph 87 describes the two large gas-fired power generators currently taking service under Rate T2 who will be reclassified as unbundled.

South rate zone where eligible customers currently manage imbalances directly with storage.

5. These balancing services are only available on an interruptible basis. There may be adverse impacts if balancing services are curtailed and customers may not have a mechanism to recover those costs. Customers have and will continue to have a variety of services available to them (both from Enbridge Gas and third parties) to meet their requirements and to manage within the proposed balancing service limits.
6.
 - a-b) Enbridge Gas does not have dedicated firm assets to provide the UBS. Instead, the service is provided on an interruptible basis when unutilized firm system capacity permits, aiming to maximise use without compromising reliability for firm customers. The adverse impact to other customers who contract for interruptible services would be continuous curtailments to balancing services if these large customers with significant variability in daily and hourly usage were not held to the proposed daily balancing limits and disruption to distribution services. Eliminating or mitigating these impacts requires incremental facilities or contracting for incremental upstream assets, and the costs cannot be quantified hypothetically.
 - c) Enbridge Gas has proposed the same daily balancing limits throughout the year to all similar customers regardless of their location. This proposal allows the Company to offer its harmonized unbundled services under common rate classes in a consistent manner, which also simplifies the service for customers that operate in all areas served by Enbridge Gas, with exceptions where operationally required. As described in the response to question 2 part b), Enbridge Gas has proposed the balancing limits apply throughout the year, as the varying usage of gas is on an hourly and daily basis and not based on any particular time of year.

Large customers who have significant variability in their hourly flow are required to manage their balancing in a tighter range since these customers can ramp up and down significantly throughout the day and adversely impact the system. All current large power customers can manage within these tighter daily limits.
 - d) No. Please see parts a-b).

Summary of Unbundled DP Balancing

Line No.	Particulars	EGD Rate Zone		Union North Rate Zone		Union South Rate Zone		Proposed Enbridge Gas			
		Large Hourly Variation (1)	Large Hourly Direct Connection (2)	Daily Process (3)	Large Hourly Variation (4)	Daily Process (3)	Large Hourly Variation (1)	Daily Process (3)	Large Hourly Direct Connection (2)	Large Hourly Variation (1)	Large Hourly With Hourly Balancing (3)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Balancing Service	LBS	n/a	CBS	CBS	DVA	n/a	UBS	n/a	UBS	UBS
2	Number of customers	1	3	67	1	1	3	68	3	4	1 (5)
3	Regular operations: Daily quantity	60% x firm CD (5)	0	100% x firm CD	firm CD / 20 x 2	1 x firm CD	n/a	115% of firm CD	0	firm CD /20 x 2	firm CD /20 x 2
4	Cumulative quantity	2 x 60% x firm CD	0	100% x firm CD	firm CD / 20 x 2	1 x firm CD	n/a	150% of firm CD	0	firm CD /20 x 2	firm CD /20 x 2
5	UBS compliance measurement	daily	n/a	daily	hourly	daily	n/a	daily	n/a	daily	hourly

Notes:

(1) Phase 3 Exhibit 8, Tab 4, Schedule 5, paragraph 82 (a). Large customers with significant variation in hourly consumption. Load comparable to the market. No additional hourly balancing requirement.

(2) Phase 3 Exhibit 8, Tab 4, Schedule 5, paragraph 82 (b). Large customers with significant variation in hourly consumption that connect directly to a third party pipeline and do not take balancing service from Enbridge Gas.

(3) Unbundled customers without significant variation in hourly consumption.

(4) Phase 3 Exhibit 8, Tab 4, Schedule 5, paragraph 82 (b). Large customers with significant variation in hourly consumption. Load significant compared to the market with additional hourly balancing requirement.

(5) Subject to a 10% seasonal limitation

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

If you are moving to integrating to billing and DP systems, why would Union South not have access to Empress Obligations? What is the limitation on not allowing Union South to have that?

Response:

Enbridge Gas is limited in offering Empress as an obligation point for bundled DP customers in the South rate zone because there is minimal Empress long haul capacity in the Gas Supply Plan for the South rate zone (less than 1%). Without underpinning transportation assets in the Gas Supply Plan, the service would need to use the assets being recovered from either the North or Central rate zone, which is inconsistent with the cost allocation and rate design approach for gas supply costs by rate zone. Empress deliveries also would not be allowed in lieu of a Parkway obligation, as the Company needs the Parkway delivery obligations from DP customers to meet design day requirements on the Dawn Parkway System.

Empress deliveries are not available for the semi-unbundled service as these customers pay transportation charges when they consume gas, so the Company wouldn't know when the gas is consumed if the gas in storage was delivered from Dawn/Parkway or Empress (at a higher transportation rate). To manage gas purchases at Empress in the past (approximately 10 years ago), customers were direct assigned TCPL capacity and managed the capacity to deliver the gas to Parkway. As there is minimal long-haul transportation from Empress for the South rate zone, assignment of transportation capacity is not possible.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

What percentage of semi unbundled customers opt for customer managed deliverability today.

Response:

The 2024 Test Year Forecast includes one customer in Rate T1, five customers in Rate T2, and one customer in Rate T3 that provides their own deliverability inventory. This represents approximately 10% of the number of customers that take the semi-unbundled service under current rate classes. Customers providing their own deliverability inventory represent approximately 34% of total firm injection/withdrawal rights for semi unbundled.

The rate calculation for customer provided and utility provided deliverability inventory is provided at Phase 3 Exhibit 8, Tab 2, Schedule 9, Attachment 5.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Reference:

EB-2025-0064 Exhibit 4 Tab 2 Schedule 2 Attachment 3 Page 2 of 2, Line 7

Question 2:

Peak Supply in 4.2.2.3 line 7, 1009 is included in gas supply, why isn't it included as transportation costs as it is in lieu of transportation facility. Does this fit in with cost allocation principles.

Explain what these costs are and how they are treated.

Response:

The peaking supply of \$1.009 million and the load balancing demand costs of \$5.839 million identified at Phase 3 Exhibit 4, Tab 2, Schedule 2, Attachment 3, line 7 and line 8 are forecast peaking contracts that provide delivered supply to meet customer demands in various delivery areas. The contracts included in the 2024 Test Year Forecast are primarily for the Enbridge CDA, with two smaller contracts to serve the Union North West rate zone. These peaking contracts reduce the amount of gas that is required from storage, similar to the timing of gas supply purchases at Dawn and transported to the delivery areas.

Enbridge Gas has currently classified these costs as load balancing commodity costs but recognizes it may be more appropriate to classify these costs as load balancing transportation in an alternative with more than one rate zone. The load balancing transportation costs would include the price premium associated with peaking supply purchases above the actual Dawn purchase price and the associated demand charges. If Enbridge Gas were to reclassify the costs as load balancing transportation, there would be a change to the cost allocation, which is summarized at Attachment 1 for three rate zones. Any variances between the forecast costs included in rates and the actual costs for peaking supply contracts would be recovered in the Third-Party Transportation Variance Account for each rate zone.

Impact of \$6.8 million shift of Load Balancing Commodity Peaking costs to Load Balancing Transportation

Line No.	Particulars (\$000s)	Total	Rate E01	Rate E02	Rate E10	Rate E20-F	Rate E20-I	Rate E22-F	Rate E22-I	Rate E24-F	Rate E24-I	Rate E30	Rate E34	Rate E38	Rate E62	Rate E64
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
	<u>Load Balancing Transportation</u>															
1	North	41	30	9	1	-	-	-	-	-	-	-	-	0	-	-
2	Central	6,807	4,337	2,171	236	-	-	-	-	-	-	0	-	-	63	-
3	South	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Total	6,848	4,367	2,180	237	-	-	-	-	-	-	0	-	0	63	-
	<u>Load Balancing Commodity</u>															
5	North	(329)	(232)	(71)	(9)	-	-	-	-	-	-	-	-	(15)	-	-
6	Central	(4,182)	(2,665)	(1,334)	(145)	-	-	-	-	-	-	(0)	-	-	(39)	-
7	South	(2,338)	(1,163)	(414)	(347)	(286)	-	-	-	-	-	(0)	-	(43)	(13)	(73)
8	Total	(6,849)	(4,060)	(1,820)	(501)	(286)	-	-	-	-	-	(0)	-	(58)	(52)	(73)
	<u>Total Impact</u>															
9	North	(288)	(202)	(62)	(8)	-	-	-	-	-	-	-	-	(15)	-	-
10	Central	2,625	1,673	837	91	-	-	-	-	-	-	0	-	-	24	-
11	South	(2,338)	(1,163)	(414)	(347)	(286)	-	-	-	-	-	(0)	-	(43)	(13)	(73)
12	Total	(1)	307	361	(264)	(286)	-	-	-	-	-	(0)	-	(58)	11	(73)

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question 1:

Please explain what would be driving bill increases for both M1 and M2 customers in the 50k breakpoint scenario relative to the 15k scenario?

Response:

Enbridge Gas confirms that the typical total bill impact in the scenario of a 15,000 m³ and 50,000 m³ volume breakpoint increases from 5.1% to 6.1% for an average Rate M1 customer migrating to Rate E01 and increases from (2.7%) to (2.1%) for a Rate M2 customer migrating to Rate E02, respectively.

The change in total bill impacts is primarily driven by the cost allocation changes to the Panhandle and St. Clair Systems and the change to the zero intercept quantity that were made to the scenario with a 50,000³ breakpoint (and not included in the scenario with a 15,000 m³ breakpoint). There may also be other bill impact changes driven by the shift in the volume breakpoint but these are difficult to quantify.

The change to the cost allocation results in a net increase to the Rate E01 (Rate M1) and Rate E02 (Rate M2) bill impacts as illustrated in Table 1 below.

Table 1
Revenue Requirement Shift Bill Impacts by Rate Class

Line No.	Particulars	Revenue Requirement Change (\$000s)	Annual Volumes (m3)	Average Unit Rate (cents/m3)	Estimated Total Bill Impact (\$)	Total Bill Impact (%)
		(a)	(b)	(c)	(d)	(e)
1	E01 Panhandle Allocation Change	6,195	3,260,773	0.1900	4.18	0.52%
2	Zero Intercept Change	(11,316)	10,416,375	(0.1086)	(2.39)	-0.30%
3	Impact to Rate M1				1.79	0.22%
4	E02 Panhandle Allocation Change	2,484	1,320,841	0.1880	137.26	0.78%
5	Zero Intercept Change	10,115	5,294,831	0.1910	139.45	0.79%
6	Impact to Rate M2				276.72	1.57%

Question 2:

With respect to Rate E01 in the South Zone, can you please explain what is driving the significant differential in bill impacts between the lower deciles and the higher deciles? For decile 10, which shows 9,204 m³ as the annual consumption and a bill impact of 10.2%, is the assumption that customers with higher consumption than that figure (say 40,000 m³) would experience even larger bill impacts than 10.2% correct?

Response:

The total bill impact decile charts provided for Rate E01 are based on the current Rate M1 rate design and include a common monthly customer charge of \$26.00 and common volumetric rates, without blocking or tiering, applicable to all volumes consumed for the delivery, transportation, and gas supply commodity charges. As the current Rate M1 rates include a declining block structure for the delivery commodity charge, the bill difference between current and harmonized rates is amplified as volumes increase.

Rate M1 is also seeing the largest increase, which further amplifies this bill impact difference between small and large customers. The same effect is seen for Rate 01 North East customers, who see the largest bill decreases.

Enbridge Gas confirms that the upward trend does continue for customers who consume above the 10th decile volume of 9,204 m³, however the Company is planning to improve the distribution of bill impacts across customers of all sizes by making rate design adjustments to the monthly customer charge and/or delivery commodity charge blocking.

Question 3:

For a few of the current rate classes (i.e., NW R10, NE R10, and South M2), decile 1 shows annual consumption of around 40,000 m³. Can you explain why that is?

Response:

The representative consumption for each decile was provided by Christensen based on 2018-2019 actual consumption for each customer. Enbridge Gas reviews actual consumption annually to determine if customers should be migrated between the Union general service rate classes based on the applicability of 50,000 m³/year. Typically, approximately the smallest 7% of customers in Rate 10 and Rate M2 fluctuate each year.

While the actual consumption from Christensen was used to derive the typical customer profiles at each decile for bill impact purposes, the 2024 Test Year forecast reflects an updated customer migration assumption based on the annual review performed by Customer Care.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

For new customers who come to Enbridge in the future and would like a CDA delivery point, would they be eligible for the PDCI? And how exactly would that work, do customers opt for this or is the delivery point at the insistence of Enbridge Gas?

Response:

Consistent with the PDO framework for Parkway obligated receipt points, Enbridge Gas will determine if the ECDA is a requirement for a new customer and if so, the ECDA will become the obligated receipt point and the customer will be entitled to the PDCI. If a new or existing customer requests an ECDA receipt point and it is accepted by Enbridge Gas, then it becomes the obligated receipt point and the customer will also be entitled to the PDCI. Any requests to move that obligation to Dawn (or Empress for a bundled DP customer¹) would need to be dependent on Enbridge Gas having the capacity to facilitate it.

¹ If a semi-unbundled customer wanted to purchase gas at Empress, they would need an Enbridge CDA receipt point and arrange transportation from Empress to Enbridge CDA.

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

Can Enbridge provide the difference in revenue requirements for rate E64 between the 3 rate zones study and the 1 rate zone proposed (after taking into consideration the zero intercept, Panhandle/St. Clair and other adjustments that have been applied to the 3 rate zone study)?

Can Enbridge provide an explanation to the increase in Storage Charges between 1 rate zone proposed and 3 rate zones for the south semi-unbundled customers?

We are seeing an increase in STORAGEXCESS allocation to E64 when moving from 1 rate zone to 3 or 4 rate zones which results in an increase in storage charges. We are trying to quantify it and understand the rationale behind it given that the rate zones should impact gas cost components only and not storage.

Response:

Please see Attachment 1 for a summary of the storage space revenue requirement by harmonized rate class. The storage space revenue requirement for Rate E64 under the One Rate Zone - Proposed alternative is \$0.575 million as shown at line 1, column (q) and \$0.662 million under the Three Rate Zones alternative as shown at line 5, column (q).

Enbridge Gas has determined that a discrepancy in the source data is the cause of the variance and confirms that the correct allocation of storage space costs under the Three Rate Zones alternative is \$0.575 million. The correction has resulted in a shift of costs between the service areas and the rate classes as shown at Attachment 1, lines 17 to 20. The resulting impacts to the harmonized rate classes and rate zones are insignificant overall with increases of less than 0.3%¹ to a few rate classes and decreases to the majority of rate classes and rate zones.

¹ Estimated based on total storage, transmission and gas costs, excluding distribution by rate class by service area.

Impact of Revised Storage Space Allocation

Line No.	Particulars (\$000s)	Total	Rate E01	Rate E02	Rate E10	Rate E12	Rate E14	Rate E20-F	Rate E20-I	Rate E22-F	Rate E22-I	Rate E24-F	Rate E24-I	Rate E30	Rate E34	Rate E38	Rate E62	Rate E64
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
1	<u>Allocation of Storage Space - One Rate Zone</u>																	
	Total Allocation of Storage Space	67,317	35,222	24,634	3,733	-	-	1,519	-	-	-	-	-	309	-	610	715	575
	<u>Allocation of Storage Space - Three Rate Zones</u>																	
2	Central / East	41,000	26,677	11,991	1,597	-	-	-	-	-	-	-	-	178	-	-	557	-
3	North	3,864	2,670	886	98	-	-	-	-	-	-	-	-	-	-	209	-	-
4	South	22,454	12,965	4,132	2,184	-	-	1,749	-	-	-	-	-	134	-	500	128	662
5	Total	67,317	42,312	17,009	3,879	-	-	1,749	-	-	-	-	-	313	-	709	685	662
	<u>Revised Allocation of Storage Space - Three Rate Zones</u>																	
6	Central / East - STORAGEEXCESS	23,481	14,655	7,407	971	-	-	-	-	-	-	-	-	108	-	-	339	-
7	Central / East - GASSTORALLO	18,255	11,394	5,759	755	-	-	-	-	-	-	-	-	84	-	-	263	-
8	Total Central / East	41,736	26,049	13,165	1,726	-	-	-	-	-	-	-	-	193	-	-	602	-
9	North - STORAGEEXCESS	2,246	1,669	355	46	-	-	-	-	-	-	-	-	-	-	176	-	-
10	North - GASSTORALLO	1,608	1,296	275	36	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Total North	3,854	2,965	630	83	-	-	-	-	-	-	-	-	-	-	176	-	-
12	South - STORAGEEXCESS	13,334	7,380	2,220	1,084	-	-	1,520	-	-	-	-	-	57	-	434	63	575
13	South - GASSTORALLO	8,393	5,733	1,724	842	-	-	-	-	-	-	-	-	45	-	-	49	-
14	Total South	21,727	13,113	3,944	1,926	-	-	1,520	-	-	-	-	-	102	-	434	113	575
15	Total	67,317	42,127	17,740	3,735	-	-	1,520	-	-	-	-	-	295	-	610	715	575
16	Total variance (line 15 - line 5)	-	(185)	731	(144)	-	-	(229)	-	-	-	-	-	(18)	-	(99)	30	(87)
17	Variance - Central / East (line 8 - line 2)	737	(628)	1,175	130	-	-	-	-	-	-	-	-	14	-	-	45	-
18	Variance - North (line 11 - line 3)	(10)	295	(256)	(16)	-	-	-	-	-	-	-	-	-	-	(33)	-	-
19	Variance - South (line 14 - line 4)	(727)	148	(188)	(258)	-	-	(229)	-	-	-	-	-	(32)	-	(66)	(15)	(87)
20	Total Variance	-	(185)	731	(144)	-	-	(229)	-	-	-	-	-	(18)	-	(99)	30	(87)

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

In reviewing the 3 Rate Zone Alternative rate impacts, the bill impact for Large Rate T2 to Rate E24 South went from a significant bill reduction (-44.5% on a delivery rate basis for 3 rate zones with the “new” Panhandle cost allocation methodology) to a bill increase (+3.5%). That is almost a +48% bill impact swing. Is there a high level explanation for what is driving that change?

Response:

Enbridge Gas believes the delivery bill impact previously seen for Large Rate T2 to Rate E24 South was (34.3%). The difference between the delivery bill impacts of (34.3%) and 3.5% is caused by a formula error in the Three Rate Zones alternative without the new Panhandle and St. Clair System cost allocation methodology change compared to the most recent typical bill impacts provided. The (34.3%) should have been 14.3%, which results in a decrease of 10.8% (14.3%-3.5%) between the two versions. Please see Attachment 1 for the corrected comparison of the bill impacts for large Rate T2 to Rate E24.

The formula error in the typical bill impacts was also included in the pre-filed Phase 3 evidence for all alternatives (Exhibit 8, Tab 2, Schedules 9-15, Attachment 10), however, the total revenue impacts, rate impacts and customer specific bill impacts for Rate T2 were correct in all other attachments, such as Exhibit 7, Tab 0, Schedule 1, Attachment 2, Exhibit 8, Tab 2, Schedules 9-15, Attachment 2 and Exhibit 8, Tab 2, Schedule 6, Attachments 1-8.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers
Union South Rate Zone

Line No.	Particulars	2024 Current Approved		2024 Harmonized Rates			Bill Impact	
		Total	Unit Rate	Total	Unit Rate	Total Bill	Including Federal	Excluding Federal
		Bill	(cents/m ³)	Bill	(cents/m ³)	Change	Carbon Charge	Carbon Charge
		(\$)		(\$)		(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
<u>Updated - Three Rate Zones - Combined Panhandle/St. Clair Allocation Alternative</u>								
	<u>Large Rate T2 to 24</u>	Annual Volume 370,089,000 m ³						
1	Delivery Charges	3,404,458	0.9199	3,891,573	1.0515	487,114	14.3%	14.3%
2	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
3	Gas Supply Charges	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
4	Total Bill - Sales Service	119,957,515	32.4132	118,413,033	31.9958	(1,544,482)	(1.3%)	(2.4%)
5	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	118,413,033	31.9958	487,114	0.4%	0.8%
6	Bundled Direct Purchase Impact						0.8%	14.3%
<u>Three Rate Zones - New Panhandle Methodology Alternative</u>								
	<u>Large Rate T2 to 24</u>	Annual Volume 370,089,000 m ³						
7	Delivery Charges	3,404,458	0.9199	3,522,365	0.9518	117,907	3.5%	3.5%
8	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
9	Gas Supply Charges	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
10	Total Bill - Sales Service	119,957,515	32.4132	118,043,825	31.8961	(1,913,689)	(1.6%)	(3.0%)
11	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	118,043,825	31.8961	117,907	0.1%	0.2%
12	Bundled Direct Purchase Impact						0.2%	3.5%

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

ADR-23 response corrects a formula error regarding large rate T2 to E24 rate impacts found in previous rate impact tables provided, both in the pre-filed evidence and through these settlement discussions.

For the Large Rate T2 to E24 category, please provide: i. total bill; and ii. distribution rate only impacts, relative to current T2 rates, for each of the following scenarios (which are those scenarios for which rate impacts for all current rate classes have already been provided – i.e. just correction of the Large Rate T2 to E24 information previously provided).

Please provide information for the following scenarios:

- Retaining current rates but updated cost allocation.
- EGI proposed single rate zone with regional adjustments.
- Three rate zone scenario with Panhandle separately allocated (in full).

The following two were already corrected in ADR-23, Attachment 1:

- Three rate zone scenario with combined St. Clair & Panhandle
- Three rate zone scenario with General Service rate design changes and new panhandle methodology

Response:

Please see Attachment 1 for a summary of typical bill impacts for large Rate T2 customers to Rate E24 including corrections to the One Rate Zone and Three Rate Zones with Panhandle and St. Clair System costs separated alternatives, as requested.

Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers
Union South Rate Zone

Line No.	Particulars	2024 Current Approved		2024 Harmonized Rates		Bill Impact		
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m ³)	(\$)	(cents/m ³)	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
<u>Current Rate Zones</u>								
	<u>Rate T2 - Large Customer</u>	Annual Volume 370,089,000 m ³						
1	Delivery Charges	3,404,458	0.9199	3,612,619	0.9761	208,160	6.1%	6.1%
2	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
3	Gas Supply Charges	60,114,484	16.2433	58,858,744	15.9039	(1,255,740)	(2.1%)	(2.1%)
4	Total Bill - Sales Service	119,957,515	32.4132	118,909,935	32.1301	(1,047,579)	(0.9%)	(1.6%)
5	Total Bill - Bundled Direct Purchase	118,701,775	32.0738	118,909,935	32.1301	208,160	0.2%	0.3%
6	Bundled Direct Purchase Impact						0.3%	6.1%
<u>Updated - One Rate Zone Proposed with Regional Cost Adjustments</u>								
	<u>Large Rate T2 to Rate E24</u>	Annual Volume 370,089,000 m ³						
7	Delivery Charges	3,404,458	0.9199	3,813,822	1.0305	409,364	12.0%	12.0%
8	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
9	Gas Supply Charges	60,114,484	16.2433	53,299,690	14.4019	(6,814,794)	(11.3%)	(11.3%)
10	Total Bill - Sales Service	119,957,515	32.4132	113,552,085	30.6824	(6,405,430)	(5.3%)	(10.1%)
11	Total Bill - Bundled Direct Purchase	113,142,720	30.5718	113,552,085	30.6824	409,364	0.4%	0.7%
12	Bundled Direct Purchase Impact						0.7%	12.0%
<u>Updated - Three Rate Zones - Combined Panhandle/St. Clair Allocation Alternative</u>								
	<u>Large Rate T2 to Rate E24</u>	Annual Volume 370,089,000 m ³						
13	Delivery Charges	3,404,458	0.9199	3,891,573	1.0515	487,114	14.3%	14.3%
14	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
15	Gas Supply Charges	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
16	Total Bill - Sales Service	119,957,515	32.4132	118,413,033	31.9958	(1,544,482)	(1.3%)	(2.4%)
17	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	118,413,033	31.9958	487,114	0.4%	0.8%
18	Bundled Direct Purchase Impact						0.8%	14.3%
<u>Updated - Three Rate Zones - Split Panhandle/St. Clair Allocation Alternative</u>								
	<u>Large Rate T2 to Rate E24</u>	Annual Volume 370,089,000 m ³						
19	Delivery Charges	3,404,458	0.9199	3,192,243	0.8626	(212,216)	(6.2%)	(6.2%)
20	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
21	Gas Supply Charges	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
22	Total Bill - Sales Service	119,957,515	32.4132	117,713,703	31.8069	(2,243,812)	(1.9%)	(3.5%)
23	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	117,713,703	31.8069	(212,216)	(0.2%)	(0.3%)
24	Bundled Direct Purchase Impact						(0.4%)	(6.2%)
<u>Three Rate Zones - New Panhandle Methodology Alternative (Filed October 31, 2025)</u>								
	<u>Large Rate T2 to Rate E24</u>	Annual Volume 370,089,000 m ³						
25	Delivery Charges	3,404,458	0.9199	3,522,365	0.9518	117,907	3.5%	3.5%
26	Federal Carbon Charge	56,438,573	15.2500	56,438,573	15.2500	-	0.0%	0.0%
27	Gas Supply Charges	60,114,484	16.2433	58,082,887	15.6943	(2,031,596)	(3.4%)	(3.4%)
28	Total Bill - Sales Service	119,957,515	32.4132	118,043,825	31.8961	(1,913,689)	(1.6%)	(3.0%)
29	Total Bill - Bundled Direct Purchase	117,925,918	31.8642	118,043,825	31.8961	117,907	0.1%	0.2%
30	Bundled Direct Purchase Impact						0.2%	3.5%

ENBRIDGE GAS INC.

Answer to ADR Information Request

Question:

For the mitigation plan and how it impacts fixed/volumetric charges for general service customers, would Enbridge be able to provide a table showing for each general service rate class the existing customer & delivery charge, the new customer & delivery charge, the mitigation riders (on customer & delivery charges), and the resulting "all in" customer & delivery charge (i.e. the base plus the mitigation riders)? Please provide that for the first year of mitigation, and other forward years, if possible.

Please provide in table format.

Response:

Please see Attachment 1.

General Service Rate Comparison - Three Rate Zones with One Rate Zone Distribution

Proposed 2024 Harmonized Unit Rates								
Line No.	Particulars	Current Approved Unit Rates (1) (cents / m³) (a)	Rate E01 (< 50,000m³/year)			Rate E02 (≥ 50,000m³/year)		
			Base Rate (cents / m³) (b)	Rider R - Year 1 (cents / m³) (c)	Total Rate (cents / m³) (d) = (b+c)	Base Rate (cents / m³) (e)	Rider R - Year 1 (cents / m³) (f)	Total Rate (cents / m³) (g) = (e+f)
Central Rate Zone								
Rate 1								
1	Monthly Customer Charge Delivery	\$24.72	\$27.60		\$27.60			
2	First 30 m³	10.0188	6.2025		6.2025			
3	Next 55 m³	9.3314	6.2025		6.2025			
4	Next 85 m³	8.7932	6.2025		6.2025			
5	Over 170 m³	8.3920	6.2025		6.2025			
6	Transportation & Storage (2)	6.5482	5.0376		5.0376			
7	Gas Supply Commodity	10.4826	13.9016		13.9016			
Rate 6								
8	Monthly Customer Charge Delivery	\$78.64	\$27.60	\$43.00	\$70.60	\$90.00		\$90.00
9	First 500 m³	10.1898	6.2025	(3.6632)	2.5393	4.4581		4.4581
10	Next 1,050 m³	7.8189	6.2025	(3.6632)	2.5393	4.4581		4.4581
11	Next 4,500 m³	6.1586	6.2025	(3.6632)	2.5393	4.4581		4.4581
12	Next 7,000 m³	5.0919	6.2025	(3.6632)	2.5393	4.4581		4.4581
13	Next 15,250 m³	4.6179	6.2025	(3.6632)	2.5393	4.4581		4.4581
14	Over 28,300 m³	4.4989	6.2025	(3.6632)	2.5393	4.4581		4.4581
15	Transportation & Storage (2)	6.4247	5.0376		5.0376	4.4701		4.4701
16	Gas Supply Commodity	10.5065	13.9016		13.9016	13.9016		13.9016
Rate 01 - NE								
17	Monthly Customer Charge Delivery	\$25.85	\$27.60	(\$5.00)	\$22.60			
18	First 100 m³	10.7869	6.2025	4.5000	10.7025			
19	Next 200 m³	10.5180	6.2025	4.5000	10.7025			
20	Next 200 m³	10.0917	6.2025	4.5000	10.7025			
21	Next 500 m³	9.7006	6.2025	4.5000	10.7025			
22	Over 1,000 m³	9.3772	6.2025	4.5000	10.7025			
23	Transportation & Storage (2)	7.8681	5.0376		5.0376			
24	Gas Supply Commodity	16.1346	13.9016		13.9016			
Rate 10 - NE								
25	Monthly Customer Charge Delivery	\$78.65				\$90.00	\$15.00	\$105.00
26	First 1,000 m³	9.6237				4.4581	2.6000	7.0581
27	Next 9,000 m³	7.8279				4.4581	2.6000	7.0581
28	Next 20,000 m³	6.7852				4.4581	2.6000	7.0581
29	Next 70,000 m³	6.1320				4.4581	2.6000	7.0581
30	Over 100,000 m³	3.6570				4.4581	2.6000	7.0581
31	Transportation & Storage (2)	6.2100				4.4701		4.4701
32	Gas Supply Commodity	16.1346				13.9016		13.9016

General Service Rate Comparison - Three Rate Zones with One Rate Zone Distribution

Proposed 2024 Harmonized Unit Rates								
Line No.	Particulars	Current Approved Unit Rates (1) (cents / m³) (a)	Rate E01 (< 50,000m³/year)			Rate E02 (≥ 50,000m³/year)		
			Base Rate (cents / m³) (b)	Rider R - Year 1 (cents / m³) (c)	Total Rate (cents / m³) (d) = (b+c)	Base Rate (cents / m³) (e)	Rider R - Year 1 (cents / m³) (f)	Total Rate (cents / m³) (g) = (e+f)
<u>North Rate Zone</u>								
<u>Rate 01 - NW</u>								
33	Monthly Customer Charge Delivery	\$25.85	\$27.60		\$27.60			
34	First 100 m³	10.7869	6.2025		6.2025			
35	Next 200 m³	10.5180	6.2025		6.2025			
36	Next 200 m³	10.0917	6.2025		6.2025			
37	Next 500 m³	9.7006	6.2025		6.2025			
38	Over 1,000 m³	9.3772	6.2025		6.2025			
39	Transportation & Storage (2)	5.5430	6.6486		6.6486			
40	Gas Supply Commodity	10.9951	13.4319		13.4319			
<u>Rate 01 - NE</u>								
41	Monthly Customer Charge Delivery	\$25.85	\$27.60	(\$5.00)	\$22.60			
42	First 100 m³	10.7869	6.2025	3.5000	9.7025			
43	Next 200 m³	10.5180	6.2025	3.5000	9.7025			
44	Next 200 m³	10.0917	6.2025	3.5000	9.7025			
45	Next 500 m³	9.7006	6.2025	3.5000	9.7025			
46	Over 1,000 m³	9.3772	6.2025	3.5000	9.7025			
47	Transportation & Storage (2)	7.8681	6.6486		6.6486			
48	Gas Supply Commodity	16.1346	13.4319		13.4319			
<u>Rate 10 - NW</u>								
49	Monthly Customer Charge Delivery	\$78.65				\$90.00	\$40.00	\$130.00
50	First 1,000 m³	9.6237				4.4581	(0.9000)	3.5581
51	Next 9,000 m³	7.8279				4.4581	(0.9000)	3.5581
52	Next 20,000 m³	6.7852				4.4581	(0.9000)	3.5581
53	Next 70,000 m³	6.1320				4.4581	(0.9000)	3.5581
54	Over 100,000 m³	3.6570				4.4581	(0.9000)	3.5581
55	Transportation & Storage (2)	4.6525				6.1779		6.1779
56	Gas Supply Commodity	10.9951				13.4319		13.4319
<u>Rate 10 - NE</u>								
57	Monthly Customer Charge Delivery	\$78.65				\$90.00	\$15.00	\$105.00
58	First 1,000 m³	9.6237				4.4581	1.2500	5.7081
59	Next 9,000 m³	7.8279				4.4581	1.2500	5.7081
60	Next 20,000 m³	6.7852				4.4581	1.2500	5.7081
61	Next 70,000 m³	6.1320				4.4581	1.2500	5.7081
62	Over 100,000 m³	3.6570				4.4581	1.2500	5.7081
63	Transportation & Storage (2)	6.2100				6.1779		6.1779
64	Gas Supply Commodity	16.1346				13.4319		13.4319

General Service Rate Comparison - Three Rate Zones with One Rate Zone Distribution

Proposed 2024 Harmonized Unit Rates								
Line No.	Particulars	Current Approved Unit Rates (1) (cents / m³) (a)	Rate E01 (< 50,000m³/year)			Rate E02 (≥ 50,000m³/year)		
			Base Rate (cents / m³) (b)	Rider R - Year 1 (cents / m³) (c)	Total Rate (cents / m³) (d) = (b+c)	Base Rate (cents / m³) (e)	Rider R - Year 1 (cents / m³) (f)	Total Rate (cents / m³) (g) = (e+f)
<u>South Rate Zone</u>								
<u>Rate M1</u>								
65	Monthly Customer Charge	\$25.85	\$29.22	(\$1.50)	\$27.72			
	Delivery							
66	First 100 m³	5.8335	5.4783	(0.7000)	4.7783			
67	Next 150 m³	5.5633	5.4783	(0.7000)	4.7783			
68	All over 250 m³	4.8657	5.4783	(0.7000)	4.7783			
69	Transportation & Storage (2)	0.9300	2.3576		2.3576			
70	Gas Supply Commodity	16.2433	15.6943		15.6943			
<u>Rate M2</u>								
71	Monthly Customer Charge	\$78.65				\$90.00		\$90.00
	Delivery							
72	First 1,000 m³	5.8979				4.4581		4.4581
73	Next 6,000 m³	5.7944				4.4581		4.4581
74	Next 13,000 m³	5.4388				4.4581		4.4581
75	All over 20,000 m³	5.0700				4.4581		4.4581
76	Transportation & Storage (2)	0.8769				2.0234		2.0234
77	Gas Supply Commodity	16.2433				15.6943		15.6943

Notes:

- (1) July 2024 QRAM (EB-2024-0166).
- (2) Transportation & Storage rates for sales service customers includes load balancing in current approved EGD rate zone rates. Direct purchase customers may see different transportation rate changes depending on rate zone.