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Canada

## **VIA RESS and EMAIL**

June 30, 2021

Christine E. Long  
Registrar  
Ontario Energy Board  
2300 Yonge Street, 27th Floor  
Toronto, ON M4P 1E4

Dear Christine Long:

**Re: Enbridge Gas Inc. (“Enbridge Gas” or “EGI”)  
Ontario Energy Board (“OEB”) File No.: EB-2021-0147  
2022 Rates (Phase 1) – Application and Evidence**

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Please find attached an Application by Enbridge Gas for interim and final orders of the Ontario Energy Board under section 36(1) of the *Ontario Energy Board Act, 1998* approving or fixing just and reasonable rates and other charges for the sale, distribution, transmission and storage of natural gas, commencing January 1, 2022.

### **Background**

On August 30, 2018, in the MAADs Decision (EB-2017-0306/0307), the OEB approved a rate setting mechanism (Price Cap IR) for Enbridge Gas, which sets out a multi-year incentive rate-setting mechanism (“IRM”) for the calendar year term of 2019 to 2023 (the “five year term”). The MAADs Decision confirmed that during the five-year term, distribution rates will be set separately for the Enbridge Gas Distribution (“EGD”) and Union Gas (“Union”) rate zones. The MAADs Decision also approved the specific treatment of various elements in the IRM including the availability of an Incremental Capital Module (“ICM”) during the five-year term.

This 2022 Rate Application is the fourth annual rate adjustment application under the IRM approved in the MAADs Decision.

Similar to the approach directed by the OEB for the 2021 Rates application, Enbridge Gas is filing each Phase (“Phase 1” and “Phase 2”) of the 2022 Rates application as a separate application.

This application (EB-2021-0147) is for Phase 1 of the 2022 Rate Application, and addresses the IRM related elements, which includes the annual rate escalation, pass through-costs, capital pass-through adjustments and Parkway Delivery Obligation rate

adjustments. Also, as agreed in the settlement agreement in EB-2020-0095, Enbridge Gas is filing evidence on the assessment of alternatives to eliminate or reduce the Parkway Delivery Obligation (“PDO”) and/or the Parkway Delivery Commitment Incentive (“PDCI”) in this application.

Matters related to ICM funding and other items will be addressed in Phase 2 in of the 2022 Rate application, which will be filed separately in October 2021 under docket EB-2021-0148. Phase 2 will also include a progress report on the implementation of Unaccounted for Gas (“UFG”) report’s recommendation to address UFG filed in EB-2019-0194.

As detailed below, the relief sought in Phase 1 of the 2022 Rate Application is as follows:

In Phase 1 of the Application Enbridge Gas seeks approval of distribution rates for each rate zone for the year commencing January 1, 2022, including all adjustments resulting from the application of Enbridge Gas’s OEB-approved IRM rate adjustment. The items to be reviewed and approved for each rate zone are largely mechanistic and include:

- the annual rate escalation, as determined by a price cap index (“PCI”), where PCI growth is driven by an inflation factor using GDP IPI FDD, less a productivity factor of zero and a stretch factor of 0.30%;
- the pass-through of routine gas commodity and upstream transportation costs, demand side management cost changes, lost revenue adjustment mechanism changes for the contract market, and average use/normalized average consumption;
- capital pass-throughs adjustment; and
- PDO rate adjustment

Enbridge Gas is also requesting approval of an updated accounting order for the Impacts Arising from the COVID-19 Emergency Deferral Account, to reflect the OEB’s recent guidance for this account.

Enbridge Gas is not seeking any OEB relief in relation to the evidence filed related to the assessment of alternatives to eliminate or reduce the PDO and/or the PDCI.

Enbridge Gas is filing all evidence relevant to these Phase 1 items with the attached Application. The Company is also filing draft Rate Orders reflecting the Phase 1 filing. Enbridge Gas respectfully requests that the OEB establish a process to allow the Phase 1 IRM rate adjustment to be reviewed and approved, including approval received on the Rate Order by November 25, 2021, so that the resulting rates can be implemented on an interim basis in conjunction with the January 1, 2022 QRAM application.

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Please contact the undersigned if you have any questions.

Yours truly,

(Original Digitally Signed)

Rakesh Torul  
Technical Manager,  
Regulatory Applications

cc: David Stevens, Aird and Berlis LLP

EXHIBIT LIST

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## ONTARIO ENERGY BOARD

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

**AND IN THE MATTER OF** an Application by Enbridge Gas Inc., pursuant to section 36(1) of the *Ontario Energy Board Act, 1998*, for an order or orders approving or fixing just and reasonable rates and other charges for the sale, distribution, transmission and storage of gas as of January 1, 2022.

### APPLICATION

1. The Applicant, Enbridge Gas Inc. (“Enbridge Gas”, or “EGI”) is an Ontario corporation with its head office in the City of Toronto. It carries on the business of selling, distributing, transmitting, and storing natural gas within Ontario. Enbridge Gas was formed effective January 1, 2019, upon the amalgamation of Enbridge Gas Distribution Inc. (“EGD”) and Union Gas Limited (“Union”).
2. Enbridge Gas hereby applies to the Ontario Energy Board (“OEB”), pursuant to section 36 of the *Ontario Energy Board Act, 1998*, as amended (the “Act”) for interim and final Orders approving or fixing just and reasonable rates for the sale, distribution, transmission, and storage of gas commencing January 1, 2022.
3. On August 30, 2018, in the MAADs Decision<sup>1</sup>, the OEB approved a rate setting mechanism (Price Cap IR) for Enbridge Gas, which sets out a multi-year incentive rate-setting mechanism (“IRM”) for the calendar year term of 2019 to 2023

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<sup>1</sup> EB-2017-0306/0307.

(the “five year term”). The MAADs Decision confirmed that during the five year term, distribution rates will be set separately for the EGD and Union rate zones. The MAADs Decision also approved the specific treatment of various elements in the IRM including the availability of an Incremental Capital Module (“ICM”) during the five year term.

4. This 2022 Rate Application is the fourth annual rate adjustment application under the IRM approved in the MAADs Decision.
5. Similar to the approach directed by the OEB for the 2021 Rates application<sup>2</sup>, Enbridge Gas is filing each Phase (“Phase 1” and “Phase 2”) of the 2022 Rates application as a separate application.
6. This application, EB-2021-0147 (Phase 1), addresses the IRM related elements, which includes the annual rate escalation, pass through-costs, capital pass-through adjustments and Parkway Delivery Obligation rate adjustments. Also, as agreed in the settlement agreement in EB-2020-0095, Enbridge Gas is filing evidence on the assessment of alternatives to eliminate or reduce the Parkway Delivery Obligation (“PDO”) and / or the Parkway Delivery Commitment Incentive (“PDCI”) in this application.
7. Matters related to ICM funding and other items will be addressed in Phase 2 in of the 2022 Rate application, which will be filed separately in October 2021 under docket EB-2021-0148. Phase 2 will also include a progress report on the implementation of Unaccounted for Gas (“UFG”) report’s recommendation<sup>3</sup> to address UFG filed in EB-2019-0194.

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<sup>2</sup> EB-2020-0095, OEB letter, dated July 14, 2020.

<sup>3</sup> EB-2019-0194, 2020 Rates, Decision and Order, dated May 14, 2020, pp. 18-20.

8. With this Application, Enbridge Gas is filing all required Phase 1 supporting evidence in connection with the IRM adjustment to distribution rates for the EGD and Union rate zones, including draft Rate Orders. This will allow the OEB to consider and approve distribution rates that can be implemented on an interim basis on January 1, 2022 in conjunction with the January 1, 2022 QRAM application. The items to be reviewed and approved in this regard for each rate zone are largely mechanistic and include:
- the annual rate escalation, as determined by a price cap index (“PCI”), where PCI growth is driven by an inflation factor using GDP IPI FDD, less a productivity factor of zero and a stretch factor of 0.30%;
  - the pass-through of routine gas commodity and upstream transportation costs, demand side management cost changes, lost revenue adjustment mechanism changes for the contract market, and average use/normalized average consumption;
  - capital pass-through adjustment; and
  - PDO rate adjustment.
9. Enbridge Gas is not seeking any OEB relief in relation to the evidence filed related to the assessment of alternatives to eliminate or reduce the PDO and/or the PDCI.
10. In its Decision on the Settlement Proposal in the 2020 Rate Application<sup>4</sup>, the OEB indicated that approval of existing Deferral and Variance Accounts is not required on an annual basis. In this 2022 Rate Application, Enbridge Gas is not requesting the OEB’s approval for the establishment of new Deferral and Variance Accounts or changes to the existing Deferral and Variance Accounts that were approved in

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<sup>4</sup> EB-2019-0194, Decision on Settlement Proposal and Interim Rate Order, December 5, 2019, p.6.

the Company's 2020 Rate proceeding, EB-2019-0194<sup>5</sup>. Enbridge Gas is requesting approval of an updated accounting order for the Impacts Arising from the COVID-19 Emergency Deferral Account, to reflect the OEB's recent guidance for this account.

11. Enbridge Gas respectfully requests that the OEB establish a process to allow the Phase 1 IRM rate adjustment to be reviewed and approved, including approval received on the Rate Order<sup>6</sup> by November 25, 2021, so that the resulting rates can be implemented on an interim basis in conjunction with the January 1, 2022 QRAM application.

## **APPROVAL REQUESTS**

12. Enbridge Gas therefore applies to the OEB for such final, interim or other Orders, as may be necessary in relation to approve:
  - Interim rates for the year commencing January 1, 2022, including all adjustments resulting from the application of Enbridge Gas's OEB-approved IRM, to be approved by November 26, 2021 for implementation on January 1, 2022 along with the QRAM Application for the same date;
  - The updated accounting order for the Impacts Arising from the COVID-19 Emergency Deferral Account; and
  - The determination of all other issues that bear upon the OEB's approval or fixing of just and reasonable rates for the sale, distribution, transmission, and storage of gas by Enbridge Gas for the year commencing January 1, 2022.

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<sup>5</sup> EB-2019-0194, Decision on Settlement Proposal and Interim Rate Order, December 5, 2019, p.7.

<sup>6</sup> To be updated for October 2021 QRAM



13. Enbridge Gas further applies to the OEB pursuant to the provisions of the Act and the OEB's Rules of Practice and Procedure for such final, interim or other Orders and directions as may be appropriate in relation to the Application and the proper conduct of this proceeding.
14. This Application is supported by written evidence and may be amended from time to time as circumstances require.
15. The persons affected by this application are the customers resident or located in the municipalities, police villages and First Nations reserves served by Enbridge Gas, together with those to whom Enbridge Gas sells gas, or on whose behalf Enbridge Gas distributes, transmits or stores natural gas.
16. Approval of the IRM rate adjustment set out in this Application will result in the following bill impacts:
  - the net annual bill increase for a typical EGD residential customer consuming 2,400 m<sup>3</sup> per year will be approximately \$7.76 per year for sales service customers and \$7.74 per year for bundled direct purchase customers, each excluding any 2022 ICM impacts;
  - the net annual bill increase for a typical Union South residential customer consuming 2,200 m<sup>3</sup> per year will be approximately \$8.71 per year for sales service customers and \$8.65 per year for bundled direct purchase customers, each excluding any 2022 ICM impacts; and
  - the net annual bill increase for a typical Union North residential customer consuming 2,200 m<sup>3</sup> per year will range from approximately \$10.49 to \$11.42 per year for sales service customers and bundled direct purchase customers, each excluding any 2022 ICM impacts.

17. The address of service for Enbridge Gas is:

Enbridge Gas Inc.

500 Consumers Road  
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Attention: Mark Kitchen  
Director, Regulatory Affairs  
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- and -

Aird & Berlis LLP

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DATED June 30, 2021, at Toronto, Ontario

ENBRIDGE GAS INC.

(Original Digitally Signed)

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Rakesh Torul  
Technical Manager,  
Regulatory Applications

ENBRIDGE GAS INC. 2022 RATE APPLICATION  
RATE SETTING MECHANISM

1. On August 30, 2018, in the MAADs Decision (EB-2017-0306/0307), the OEB approved a rate setting mechanism (Price Cap IR) for Enbridge Gas, which sets out a multi-year incentive rate-setting mechanism (“IRM”) for the calendar year term of 2019 to 2023 (the “five year term”). The MAADs Decision confirmed that during the five year term, distribution rates will be set separately for the Enbridge Gas Distribution (“EGD”) and Union Gas (“Union”) rate zones.
2. The MAADs Decision approved the specific treatment of various elements in the IRM including the availability of an Incremental Capital Module (“ICM”). This 2022 Rate Application is the fourth annual rate adjustment application under the IRM approved in the MAADs Decision.
3. The purpose of this evidence is to describe the proposed changes to Enbridge Gas’s base rates for regulated transportation, storage and distribution for each of its three rate zones (EGD, Union North and Union South) effective January 1, 2022, where changes to the base rates are determined in accordance with the IRM as follows:
  - Annual rate escalation, as determined by a price cap index (“PCI”), where PCI growth is driven by an inflation factor using GDP IPI FDD, less a productivity factor of zero and a stretch factor of 0.30%.
  - Pass-through of routine gas commodity and upstream transportation costs, demand side management cost changes, lost revenue adjustment mechanism changes for the contract market and average use/normalized average consumption.

- Updates to capital pass-thoughts and Parkway Delivery Obligation (“PDO”) costs in the Union rate zones.
4. As set out in the Application and cover letter, Enbridge Gas is seeking approval of the changes to rates resulting from the IRM rate adjustment including approval of the Rate Order<sup>1</sup> by November 25, 2021, so that the resulting rates can be implemented on an interim basis effective January 1, 2022.
  5. Enbridge Gas will submit an ICM funding request through a separate application to the OEB. Evidence supporting request(s) for ICM funding will be filed in Phase 2 of the 2022 Rate application in EB-2021-0148.
  6. For reference, Table 1 outlines changes to Enbridge Gas’s 2022 revenue for the EGD and Union rate zones.

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<sup>1</sup> To be updated for October 2021 QRAM.

Table 1  
 Proposed Changes in Revenue by Rate Zone  
Effective January 1, 2022

Line No.	Particulars	EGD Rate Zone (\$000's)	Union Rate Zones (\$000's)
	<u>Summary Change in Revenue:</u>		
1	2022 Proposed in EB-2020-0095	1,293,067	1,346,489
2	2021 Approved in EB-2019-0194 (1)	<u>1,276,136</u>	<u>1,329,977</u>
3	Net Change (line 1 - line 2)	<u>16,931</u>	<u>16,512</u>
	<u>Detailed Change in Revenue:</u>		
4	2022 Price Cap Index (1.4%)	16,931	13,673
5	2022 DSM Budget Change	-	-
6	2022 Capital Pass-through Change	-	1,434
7	2022 Parkway Delivery Obligation Change	<u>-</u>	<u>1,405</u>
8	Total Excluding Incremental Capital Module ("ICM") Funding (lines 4 through 7)	<u>16,931</u>	<u>16,512</u>
9	2022 ICM Funding	<u>Note (2)</u>	<u>Note (2)</u>
10	Total (line 8 + line 9)	<u>16,931</u>	<u>16,512</u>

Notes:

- (1) EGD rate zone per Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7. Union rate zones per Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9.
- (2) 2022 ICM funding request(s) and supporting evidence will be filed as a separate application in EB-2021-0148.

7. This section of evidence is organized as follows:
  1. Price Cap Index Adjustment
  2. Deferral and Variance Account Requests
  3. PDO Reporting
  4. Commitments and Directives
  5. Bill Impacts
  6. Implementation

**1. PRICE CAP INDEX ADJUSTMENT**

8. Enbridge Gas has applied the Price Cap incentive rate-setting (“IR”) mechanism using a PCI to adjust rates for 2022. PCI is calculated as  $PCI = I - X \pm Y \pm Z$ , where Enbridge Gas’s PCI rate changes are a function of:
  - An inflation factor (“I factor”);
  - A productivity and stretch factor (“X factor”);
  - Certain predetermined pass-through adjustments (“Y factors”);
  - Certain non-routine adjustments (“Z factors”);
  - Capital pass-throughs; and
  - PDO Rate Adjustment.
9. PCI growth is driven by an inflation factor using GDP IPI FDD, less a productivity factor of zero and a stretch factor of 0.30%. For 2022, the inflation factor is 1.7% and the X factor is 0.3% resulting in a PCI of 1.4%, as shown in Table 2.

Table 2  
 Calculation of Price Cap Index  
Effective January 1, 2022

Line No.	2022 Price Cap Index (a)
1	Inflation Factor 1.7%
2	Less: Productivity Factor (1) 0.0%
3	Less: Stretch Factor (2) 0.3%
4	<u>2022 Price Cap Index 1.4%</u>

Notes:

- (1) EB-2017-0306/EB-2017-0307, Decision and Order, p. 25.
- (2) EB-2017-0306/EB-2017-0307, Decision and Order, p. 27.

10. Each of these components is discussed further below.

**1.1 INFLATION FACTOR**

11. The MAADs Decision approved an inflation factor calculated as the calendar year-over-year percentage change in the annualized average of four quarters of Statistics Canada’s Gross Domestic Product Implicit Price Index Final Domestic Demand (“GDP IPI FDD”).<sup>2</sup> The inflation factor is adjusted annually on this basis with no restatement for adjustments by Statistics Canada. For 2022 rates, the inflation factor of 1.7% is based on the average annual change in the GDP IPI FDD for Q1 to Q4 in 2020. The calculation is provided in Table 3.

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<sup>2</sup> EB-2017-0306/EB-2017-0307, Decision and Order, August 30, 2018, pp. 24-25.

Table 3  
 Annual % Change in GDP IPI FDD  
Effective January 1, 2022

Line No.	Particulars	Annual % Change in GDP IPI FDD (1) (a)
1	January - March 2020	1.89%
2	April - June 2020	1.52%
3	July - September 2020	1.78%
4	October - December 2020	1.68%
5	Inflation Factor (Average % Change)	1.72%
6	Inflation Factor (Average % Change), rounded to one decimal place <sup>3</sup>	1.7%

Notes:

(1) Gross Domestic Product Implicit Price Index Final Domestic Demand, sourced from Statistics Canada CanSim Table 36-10-0106-01 (formerly CANSIM 380-0066). Data published on June 1, 2021.

**1.2 PRODUCTIVITY AND STRETCH FACTORS**

12. The X factor is the sum of the productivity and stretch factors, which are determined based on the OEB's expectations of efficiency and productivity gains. The MAADs Decision approved a productivity factor of 0% and a stretch factor of 0.30% for each year of the deferred rebasing period. The X factor is 0.30%, which is reflected in the PCI calculation in Table 2.

<sup>3</sup> In EB-2019-0194, Decision on Settlement Proposal and Interim Rate Order, Exhibit N1, Tab 1, Schedule 1, December 5, 2019, p. 9, all parties agreed that in future years, Enbridge Gas will use an inflation factor that has only one decimal place.



### **1.3 Y FACTORS**

13. Y factors are costs associated with specific items that are subject to deferral account treatment and passed through to customers without any price cap adjustment. The MAADs Decision approved the following costs as Y factors:
- Cost of gas and upstream transportation;
  - Demand Side Management (“DSM”) costs as determined in EB-2015-0029/EB-2015-0049 and any subsequent proceeding;
  - Lost Revenue Adjustment Mechanism (“LRAM”) for the contract market; and
  - Average Use and Normalized Average Consumption.

#### **Cost of Gas and Upstream Transportation**

14. Cost of gas supply and upstream transportation costs are passed through to customers through the Quarterly Rate Adjustment Mechanism (“QRAM”), and through the disposition of gas supply related deferral accounts for each rate zone. No changes to cost of gas supply and upstream transportation costs are proposed as part of this Application.

#### **Demand Side Management (“DSM”) and Lost Revenue Adjustment Mechanism (“LRAM”)**

15. On May 5, 2021 Enbridge Gas filed its proposed 2022-2027 DSM Plan (EB-2021-0002). The application is still in the early stages of the regulatory process and as a result Enbridge Gas proposes to maintain the 2021 DSM budget of \$67.8 million for the EGD rate zone and \$64.3 million for the Union rate zones in 2022 Rates.

16. The LRAM exists for the contract rate classes in both the EGD and Union rate zones. As part of annual rate setting, Enbridge Gas adjusts volumes and calculates rates to capture the volume impacts of DSM programs. Annual verification and audit of DSM program results will be conducted and any variance between the forecasted and the audited actual volume saving will be trued up in the respective LRAM Variance Accounts.
17. As discussed in the sections below, Enbridge Gas has calculated the rate impacts of the DSM budget and LRAM for each rate zone consistent with 2021 Rates.

*DSM Budget and LRAM - EGD Rate Zone*

18. Enbridge Gas has set the 2022 DSM budget costs and rate class allocation equal to the 2021 DSM budget costs and allocation in 2021 Rates with the exception of a proposed DSM budget shift of \$0.456 million in total affecting Rate 110, Rate 145 and Rate 300. As a Y-Factor, 2022 DSM unit rates are derived from the allocated DSM budget costs and the 2022 forecast.
19. As a result of declines in the forecast for Rate 145 between 2021 and 2022, the DSM unit rate for Rate 145 customers increases significantly when the 2022 DSM budget allocation to this rate classes is held constant to the 2021 level. The Company has experienced a gradual migration of customers and associated volumes from Rate 145 to Rate 110 and proposes to shift the related DSM budget of \$0.450 million from Rate 145 to Rate 110 to recognize the customer movement and reduce the DSM unit rate burden that would otherwise be experienced by the remaining customers in the rate class.

20. Additionally, the forecast for Rate 300 is also experiencing decline between 2021 and 2022 which significantly increases the 2022 DSM unit rate. Rate 300 does not participate in DSM programs but is allocated a cost associated with the DSM low income program. The Company proposes to shift approximately \$0.006 million from Rate 300 to Rate 110 to recognize the decline in the Rate 300 forecast and the increase in the Rate 110 forecast.
21. The DSM volumetric adjustment for the EGD rate zone represents (1) the expected natural gas savings that are partially effective in the 2022 program year and will form the basis for LRAM calculations of 2022 DSM results, and (2) the balance of 2021 DSM volumes not captured in 2021 base rate volumes.
22. To account for fully effective DSM volumes from the 2021 program year to which 2022 DSM volumes will incrementally apply, volumes are adjusted by the difference between the partially effective volumes reflected in 2021 Base volumes and the fully effective 2021 DSM volumes, and the incremental 2022 partially effective DSM volumes. Mathematically, it is calculated as:  
  
$$\text{2022 DSM Volumetric Adjustment} = \text{2021 Fully-Effective DSM Volume} - \text{2021 Partially-Effective DSM Volume} + \text{2022 Partially-Effective Volume}$$
23. Consistent with the approach in prior years in the EGD rate zone, the 2022 LRAM will be measured against the 2022 Partially Effective DSM Volume.
24. The allocation of the 2022 DSM budget to rate classes for the EGD rate zone can be found at Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8 and the LRAM volume adjustment for the EGD rate zone can be found at Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11.

*DSM Budget and LRAM - Union Rate Zones*

25. Similar to the EGD rate zone, Enbridge Gas has set the 2022 DSM budget costs and rate class allocation for the Union rate zones equal to the 2021 DSM budget costs and allocation in 2021 Rates. Further, to address customer transitions from Rate M5 to Rate M4, Enbridge Gas has continued to pool the Rate M4 and Rate M5 DSM costs and reallocate the pooled costs in proportion to 2022 forecast volumes.
26. Enbridge Gas has updated the base rates forecast usage in 2022 Rates to reflect final 2019 audited LRAM volumes consistent with the final 2019 annual verification and audit results. The difference between actual 2022 margin reductions related to the Union 2020-2022 DSM plans and the margin reduction included in 2022 rates will be recorded in the LRAM Deferral Account for 2022.
27. The allocation of the 2022 DSM budget to rate classes for the Union rate zones can be found at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10 and the LRAM volume adjustment for the Union rate zones can be found at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15.

Average Use/Normalized Average Consumption Adjustment

28. The MAADs Decision accepted an annual adjustment to rates to reflect the declining trend in use. Enbridge Gas has applied existing OEB-Approved methodologies for the EGD and Union rate zones to adjust rates to account for changes in average use/normalized average consumption.

*Average Use Consumption Adjustment – EGD Rate Zone*

29. The EGD rate zone average use adjustment reflects the existing OEB-Approved methodology to forecast the year-over year change in 2022 average use consumption for Rate 1 and Rate 6 customers. The methodology relies on regression equations to estimate the underlying historical trend of average use. Driver variables have remained unchanged and coefficients of existing models are re-estimated to include the most recent year of actual data. Rate 1 and Rate 6 average uses include the incremental impact of planned DSM for 2022, and have been normalized to the 2022 forecast degree days for each region as determined by OEB-Approved degree day methodologies. Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 10 shows the 2022 forecast for Rate 1 and Rate 6, respectively.

*Normalized Average Consumption (“NAC”) Adjustment – Union Rate Zones*

30. The Union rate zones general service storage and delivery rates have been adjusted to reflect the 2020 actual NAC, using the 2022 OEB-approved weather normal methodology blend of 50:50 (30-year average and 20-year declining trend). For 2022, the NAC adjustment is the variance between 2019 actual NAC and 2020 actual NAC, as shown at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13.

**1.4 Z FACTOR ADJUSTMENT**

31. To address material changes in costs associated with unforeseen events outside of the control of management the OEB’s Price Cap formula includes a Z factor

mechanism. The OEB approved the inclusion of a Z factor mechanism in Enbridge Gas's rate-setting framework for costs that meet the Z factor criteria.<sup>4</sup>

32. Enbridge Gas does not have a Z factor proposal for 2022 Rates.

### **1.5 CAPITAL PASS-THROUGH PROJECTS**

33. Enbridge Gas has updated the capital pass-through projects to reflect the 2022 revenue requirement of each project consistent with the rate treatment in past years. Any variance between the actual project costs and the amounts included in 2022 rates will be recorded in the respective deferral accounts.
34. Please see Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14 for the capital pass-through rate adjustment by rate class for the Union rate zones.

### **1.6 PDO RATE ADJUSTMENT**

35. Enbridge Gas has updated the PDO and Parkway Delivery Commitment Incentive ("PDCI") costs included in 2022 Rates for the Union rate zones to reflect the 2022 Rate M12 Dawn-Parkway toll. The PDO and PDCI fuel costs will be updated for October 1, 2021 QRAM as part of the final rate order. The update to the PDO and PDCI costs in 2022 Rates is in accordance with the PDO Settlement framework approved by the OEB as part of Union's 2014 Rates (EB-2013-0365) Decision and Order.
36. Please see Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11 for the PDO and PDCI rate adjustment by rate class for the Union rate zones.

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<sup>4</sup> EB-2017-0306/EB-2017-0307, Decision and Order, August 30, 2018, 2018, p. 37.

## **1.7 OTHER**

### *Retail Service Charges*

37. Enbridge Gas has updated the Retail Service Charges for both the EGD and Union rate zones to reflect an inflation factor of 1.7%<sup>5</sup> as required by the OEB's Report on Energy Retailer Service Charges (EB-2015-0304).

### *Hydrogen Gas Rider M*

38. As outlined in EB-2019-0294 Decision and Order, Enbridge Gas is to review the hydrogen gas rate rider annually and request an update if there is a material change in the price of natural gas.<sup>6</sup> The OEB noted the definition of "material" is in relation to the change in the commodity cost of natural gas as an increase or decrease of 25% or more. Enbridge Gas has reviewed the hydrogen gas rate rider calculation based on the most recent approved rates for Rate 1 and Rate 6 and confirms the change in the rate rider does not exceed 25%.

## **2. DEFERRAL AND VARIANCE ACCOUNTS**

39. In accordance with previous OEB decisions, Enbridge Gas maintains a number of deferral and variance accounts. Most accounts continue on from one year to the next, but at times, accounts need to be opened, adjusted or closed. The evidence below discusses in more detail, changes to deferral and variance accounts requested for 2022 as part of this Application, as compared to the ongoing accounts which have been approved in prior proceedings.

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<sup>5</sup> Per Table 2.

<sup>6</sup> EB-2019-0294, Decision and Order, October 29, 2020, p. 2.

## **2.1 NEW DEFERRAL ACCOUNTS**

40. Enbridge Gas is not requesting the establishment of any new deferral or variance accounts as part of this proceeding. However, as was noted in Enbridge Gas' 2021 Rate Application, EB-2020-0095, through an accounting order dated March 25, 2020, titled "*Accounting Order for the Establishment of Deferral Accounts to Record Impacts Arising from the COVID-19 Emergency*", and subsequent accounting orders dated August 6, 2020 and August 14, 2020, the OEB established a deferral account, including a number of sub-accounts, in order to track incremental costs and lost revenues related to the COVID-19 pandemic. The effective date of the account was March 24, 2020. By letter dated May 14, 2020, the OEB initiated a stakeholder consultation (EB-2020-0133) to assist the OEB in the development of new accounting guidance and filing requirements related to the account, which where appropriate, would support the review and disposition of the account. On June 17, 2021 the consultation was concluded through the issuance of the Board's report titled "*Report of the Ontario Energy Board – Regulatory Treatment of Impacts Arising from the COVID-19 Emergency.*" The report articulates the OEB's guidance with regards to the rules and operation of the account (including sub-accounts to be maintained), and disposition considerations. The Company has provided an accounting order for Enbridge Gas's Impacts Arising from the COVID-19 Emergency Deferral Account, at Exhibit B, Tab 1, Schedule 1, Appendix C, which reflects the OEB's guidance contained in the report.
  
41. The Company also notes that it has requested the establishment of an Integrated Resource Planning ("IRP") Costs Deferral Account, to track all incremental IRP-related costs not included in base rates, as part of its EB-2020-0091 Integrated Resource Planning Proposal application. An accounting order for the IRP Costs



Deferral Account will be provided as part of that proceeding, in accordance with any guidance included in the Board's pending decision.

## **2.2 ADJUSTMENT TO EXISTING DEFERRAL ACCOUNTS**

42. Enbridge Gas is not requesting any adjustments to previously established deferral or variance accounts as part of this proceeding.

## **2.3 DEFERRAL ACCOUNT CLOSURE REQUESTS**

43. Enbridge Gas is not requesting the closure of any previously established deferral or variance accounts as part of this proceeding. The Company notes, however, that as per the OEB's EB-2020-0134 Decision On Settlement Proposal, dated January 25, 2021, which approved the settlement proposal in the Company's application for the disposition of amounts recorded in certain 2019 deferral and variance accounts, and approved of the 2019 earnings sharing amount, that the EGD rate zone's 2019 Gas Supply Plan Cost Consequences Deferral Account was to be closed for periods beyond 2019.

## **3. PDO REPORTING**

44. As directed in the MAADs Decision, Enbridge Gas will track the actual costs and the amounts recovered through rates related to PDO during the deferred rebasing for review at the time of rebasing. The purpose of this section of evidence is to continue to report on the PDO of Union South direct purchase ("DP") customers as agreed to in the PDO Settlement Framework approved by the OEB on June 16, 2014. The PDO Settlement Framework proposed to permanently shift the PDO of its Union South DP customers from Parkway to Dawn over time.

45. Under the PDO Settlement Framework, Union is required to report annually on: capacity that could be made available in the two years commencing with the test year to further reduce the PDO at a lower cost than the cost of the Parkway Delivery Commitment Incentive (“PDCI”); forecasted PDO quantities for the two years commencing with the test year; measures used by the Company to manage the initial Parkway shortfall; and, actual transmission compressor fuel on the Dawn to Parkway system in the prior year.
46. This evidence is organized to track those requirements similarly and as follows:
- 3.1 Capacity Available to Reduce PDO
  - 3.2 Forecasted PDO Quantities
  - 3.3 Management of the Initial Parkway Shortfall
  - 3.4 Dawn to Parkway Transmission Compressor Fuel
47. In accordance with the commitment made in the Settlement Agreement in EB-2020-0095, Enbridge Gas is also filing evidence in this proceeding identifying pipeline, non-pipeline and market-based alternatives that the Company has considered to determine whether it is cost effective to eliminate or reduce the PDO and/or PDCI for 2022 and future years. That evidence is found at Exhibit B, Tab 1, Schedule 2.

### **3.1 CAPACITY AVAILABLE TO REDUCE PDO**

48. In April 2014, Union offered Union South DP customers 146 TJ/day of temporarily available excess Dawn to Parkway capacity to shift a portion of their PDO volume to Dawn. This temporary capacity was no longer available as of October 31, 2015. However, Union agreed to manage the Parkway shortfall in-

order to maintain the 146 TJ/day of PDO shift beyond October 31, 2015, until sufficient Dawn to Kirkwall capacity was turned back by other M12 shippers to facilitate a permanent PDO shift.

49. Effective November 1, 2017, Union received sufficient Dawn to Kirkwall M12 turnback to replace the temporarily available capacity noted above (146 TJ/day). Union forecasts that no additional PDO reductions will be available to Union South DP customers for November 1, 2021 or November 1, 2022. Please see Appendix A in this exhibit, for an updated table illustrating the capacity available for PDO shift, and the current and forecasted PDO reductions.

### **3.2 FORECASTED PDO QUANTITIES**

50. As Union did not receive any M12 Dawn to Kirkwall turnback effective November 1, 2021 or November 1, 2022, there will not be any incremental PDO relief for DP customers in 2022 or 2023.
51. The forecasted PDO for sales service customers is shown at Appendix A in this exhibit.

### **3.3 MANAGEMENT OF THE INITIAL PARKWAY SHORTFALL**

52. As of November 1, 2017 the initial Parkway shortfall has been fully eliminated as a result of Dawn to Kirkwall turnback, and therefore Union did not need to take action to manage the shortfall.

### **3.4 DAWN TO PARKWAY TRANSMISSION COMPRESSOR FUEL**

53. Dawn to Parkway transmission compressor fuel will be included with the schedules filed in the annual earnings sharing and deferral account disposition proceeding.
54. Please see Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11 for details of the PDO and PDCI costs included in rates by rate class. The PDCI is paid monthly to DP customers for any continued obligated Daily Contract Quantity deliveries at Parkway.

### **4. COMMITMENTS AND DIRECTIVES**

55. The outstanding commitments and directives for Enbridge Gas, including the EGD and Union rate zones, are shown in Appendix B in this exhibit. The listing includes the commitments and directives from the MAADs proceeding and other prior proceedings.

### **5. BILL IMPACTS**

56. For typical Rate 1 residential customers in EGD rate zone with annual consumption of 2,400 m<sup>3</sup>, the bill impact is a net increase of \$7.76 per year for sales service customers and a net increase of \$7.74 for bundled direct purchase customers, each excluding any 2022 ICM impacts.<sup>7</sup>
57. For typical Rate M1 residential customers in Union South with annual consumption of 2,200 m<sup>3</sup>, the bill impact is a net increase of \$8.71 per year for

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<sup>7</sup> 2,400 m<sup>3</sup> used in accordance with the typical residential consumption in the EGD rate zone.

sales service customers and \$8.65 for bundled direct purchase customers, excluding any 2022 ICM impacts.

58. For typical Rate 01 residential customers in Union North West with annual consumption of 2,200 m<sup>3</sup>, the bill impact is a net increase of \$10.55 per year for sales service customers and \$10.49 for bundled direct purchase customers, excluding any 2022 ICM impacts.<sup>8</sup> For Rate 01 residential customers in Union North East with annual consumption of 2,200 m<sup>3</sup>, the bill impact is a net increase of \$11.42 per year for sales service customers and \$11.38 for bundled direct purchase customers, excluding any 2022 ICM impacts.

## **6. IMPLEMENTATION**

59. Enbridge Gas is requesting that the OEB review and approve the IRM rate adjustments, including the Rate Order<sup>9</sup> by November 25, 2021, so that the rates can be implemented on an interim basis in conjunction with the January 1, 2022 QRAM application.

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<sup>8</sup> 2,200 m<sup>3</sup> used in accordance with the typical residential consumption in the Union rate zones.

<sup>9</sup> To be updated for October 2021 QRAM.



**ENBRIDGE GAS COMMITMENTS AND DIRECTIVES**

**Enbridge Gas Commitments and Directives**

Line	Item	Reporting Information	Status	Comments
1	MAADs and Rate Setting Mechanism Proceeding EB-2017-0306/EB-2017-0307	<u>Rate Harmonization:</u> File a proposal for rate harmonization in the next rebasing application, including a proposal with respect to the use of excess utility storage from the Union rate zones.	At rebasing	
2		<u>Unaccounted for Gas:</u> File a report on the issue of Unaccounted for Gas (UAF) covering both the EGD and Union rate zones.	By the end of 2019	Complete
3		<u>Cost Allocation Study:</u> 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 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 2019, for 2020 Rates	Complete
4		<u>Normalized Average Consumption, Average Use and Lost Revenue Adjustment Mechanism:</u> File a proposal addressing Average Use/Normalized Average Consumption at the next rebasing application with supporting evidence for the approach. This proposal should address an LRAM mechanism that includes general service customers.	At rebasing	
5		<u>Consolidated Utility System Plan ("USP") and Asset Management Plan ("AMP"):</u> The OEB expects that a consolidated USP will be filed for any ICM request for 2021 rates and beyond.	2021 Rates and beyond	
6		<u>Parkway Delivery Obligation:</u> Track actual costs and amounts recovered through rates related to the PDO during the deferred rebasing period and report on these amounts at the time of rebasing.	At rebasing	
7		<u>Accounting Policy Changes:</u> Propose an approach to disposition of any balances in the accounting changes deferral account in the application for 2020 rates.	In 2019, for 2020 Rates	Complete. Addressed as part of the 2019 Deferral and Variance Account Disposition proceeding EB-2020-0134.
8		Commitment to post the design day Dawn-Parkway system capacity required for Union North, Union South and Enbridge Gas zones on an aggregated basis online as part of the Index of Transportation Customers.	Ongoing	
9	2019 Rate Proceeding EB-2018-0305	<u>Customer Connection Policies:</u> File detailed evidence regarding EGI customer connection policies	At rebasing	
10	2020 Rate Proceeding EB-2019-0194	<u>Unaccounted for Gas ("UFG") - Implementation of recommendation from ScottMadden's UFG Report:</u> Provide a progress report on the implementation of the UFG Report's recommendations to address UFG	In 2022 Rate application (Phase 2), and at Rebasing	
11		<u>Unaccounted for Gas ("UFG") - Forecasting Methodology:</u> Present a proposal for consistent forecasting and management of UFG across the full franchise area as part of the 2024 rebasing application.	At rebasing	
12	Voluntary RNG Program EB-2020-0066	<u>Voluntary RNG Program Cost Proposal:</u> Present a proposal for the funding of the costs to operate Enbridge Gas's Voluntary RNG Program (i.e. funded in rates or funded by participants)	At rebasing	
13		<u>Reporting on the RNG Program:</u> Enbridge Gas will provide "reporting on Program results (participation, costs, RNG volumes etc.), RNG procurement approaches and experience, observations on the competitive market, discussion of the impact of the CFS, and details relating to go-forward proposals for the future of the Program" as part of Enbridge Gas's rebasing application or a future stand-alone application for the Program.	At rebasing or future stand-alone application for the program	
14	EB-2020-0256 Enbridge Gas Inc. - 2021/22 Storage Enhancement Project	Address the allocation of all costs between Enbridge Gas's rate regulated and unregulated storage business as part of the Enbridge Gas's next rebasing application.	At rebasing	

**ENBRIDGE GAS COMMITMENTS AND DIRECTIVES**

**Previous EGD Commitments and Directives:**

Line	Item	Reporting Information	Status	Comments
1	2018 Rate Proceeding Commitments EB-2017-0086 - Appendix	Gas Supply: <u>Unaccounted for Gas ("UAF") Report:</u> Continue to review and report on certain investigations as to its unaccounted-for-gas.	Replaced	To be addressed as part of the MAADs directive of a report of UAF for all rate zones by end of 2019
2	2016 ESM Proceeding Commitments EB-2017-0102	Company Information: <u>Additional evidence related to Average Use True Up Variance Account ("AUTUVA"):</u> - Baseload, Heatload, Customer Counts. - Outline changes to Rebasing: methodology, parameters and/or assumptions, if applicable. - Explanations to the AUTUVA balances since rebasing, if any changes made to calculation. - Monthly forecast volumes and customer meters, including baseload and heatload.	Replaced	To be addressed as part of the MAADs directive for normalized average consumption / average use
3		Gas Supply: <u>Unaccounted for Gas ("UAF") Report:</u> - Continue to review and report on certain investigations as to its unaccounted-for-gas. - Evidence outlining steps taken to address any reduction in UAF.	Replaced	Addressed as part of the MAADs directive of a report of UAF for all rate zones in the 2019 Rate Proceeding EB-2019-0194
4	Other Non-Reporting Obligations	Site Restoration Costs: Enbridge to look at discount rate to be used and examine issue of establishment of segregated fund of site restoration collections.	At rebasing	



**ENBRIDGE GAS COMMITMENTS AND DIRECTIVES**

**Previous Union Commitments:**

Line	Item	Reporting Information	Status	Comments
1	Bright to Owen Sound Dawn-Trafalgar Facilities Expansion Program EBLO 251	Union is directed to report in each rates case for the next 30 years, an update to the peak day volume forecast shown for 1996/1997 in Appendix A to its supplementary evidence. (see Exhibit B1, Tab 5 of EB-2011-0210).	At rebasing	
2	2013 COS EB-2011-0210	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.	At rebasing	
4	Rate for interruptible LNG service at Hagar EB-2014-0012	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.	At rebasing	
5	2014 Deferrals EB-2015-0010	Union filed its 2014-2015 Gas Supply Plan Memorandum (the Gas Supply Plan) as part of the evidence in the proceeding. Union agreed to provide an annual update to the gas supply plan as part of the settlement agreement in EB-2013-0202 (Union 2014-18 IRM Framework Application). Although Union did not seek any relief regarding the Plan, the proposed settlement agreement stated that there was no agreement on how or whether the OEB should deal with the Plan in this proceeding. (page 3)	Replaced	Refer to Gas Supply Plan Framework
6	2015 Deferrals and 2015 Earnings Sharing EB-2016-0118	Agreed as part of settlement to file a study assessing the continued appropriateness of its methodology for determining the Normalized Average Consumption ("NAC"). Changes to NAC if appropriate will be considered as part of Union's 2019 rate proceeding.	Replaced	To be addressed as part of the MAADs directive for normalized average consumption / average use
7	Union's 2017 Rates EB-2016-0245	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.	At rebasing	
8	2016 Dawn-Parkway Expansion Project EB-2014-0261	Parties agreed as part of settlement that the issue of Dawn Parkway capacity turnback post-2018 and how turnback risk should be dealt with in the context of the proposed facilities.	At rebasing	

ENBRIDGE GAS INC.

Accounting Entries for  
Impacts Arising from the COVID-19 Emergency Deferral Account  
Deferral Account No. 179-384

The purpose of the Impacts Arising from the COVID-19 Emergency Deferral Account, as established in the OEB's March 25, 2020 letter titled "*Accounting Order for the Establishment of Deferral Accounts to Record Impacts Arising from the COVID-19 Emergency*", is to record incremental costs and lost revenues related to the COVID-19 pandemic. The letter also identified March 24, 2020 as the effective date of the account.

Subsequent to the March 25<sup>th</sup> letter, the OEB initiated a consultation with the objective to develop guidance for the rules and operation of the account. The consultation culminated with the guidance provided in the June 17, 2021 "*Report of the Ontario Energy Board – Regulatory Treatment of Impacts Arising from the COVID-19 Emergency.*"

Significant aspects of the OEB's guidance, regarding rules and operations of the account, include:

- Both costs and savings are to be recorded in the account and presented on a net basis.
- The net amounts recorded in the account are subject to a 50% recovery rate, and recovery will be anchored to an ROE-based means test (i.e., no greater than the lower end of the dead band of 300 bps from a utility's approved ROE).
- Amounts recorded in the account will be organized under one of the following sub-accounts: Impacts from Complying with Government/OEB-initiated Customer Relief Programs (the Exceptional Pool), Bad Debt, Capital-related Revenue Requirement Impacts, and Other Costs and Savings.
- A separate set of rules applies for the costs necessary to comply with government or OEB-initiated programs aimed at providing relief to customers, which is referred to as the Exceptional Pool. Those costs are eligible for a 100% recovery rate and are subject to an approved ROE plus 300 bps means test.

Simple interest is to be calculated on the opening monthly balance of this account using the OEB approved EB-2006-0117 interest rate methodology. The balance of this account, together with carrying charges, will be disposed of in a manner designated by the OEB in a future rate hearing.

Account numbers are from the Uniform System of Accounts for Gas Utilities, Class A prescribed under the Ontario Energy Board Act.

Debit - Account No.179-384  
Impacts Arising from the COVID-19 Emergency Deferral Account

Credit - Account No. 300 / Account No. 301  
Operating Revenues / Operating Expenses

To record, as a debit (credit) in Deferral Account No. 179-384, the incremental costs or lost revenues as a result of the COVID-19 pandemic.

Debit - Account No.179-384  
Impacts Arising from the COVID-19 Emergency Deferral Account

Credit - Account No. 323  
Other Interest Expense

To record, as a debit (credit) in Deferral Account No. 179-384, interest on the balance in Deferral Account No. 179-384. Simple interest will be computed monthly on the opening balance in the said account in accordance with the methodology approved by the OEB in EB-2006-0117.

ENBRIDGE GAS INC.  
ASSESSMENT OF ALTERNATIVES TO ELIMINATE OR REDUCE  
PARKWAY DELIVERY OBLIGATION (“PDO”) AND/OR  
PARKWAY DELIVERY COMMITMENT INCENTIVE (“PDCI”)

1. The purpose of this evidence is to provide information on alternatives to eliminate or reduce the Parkway Delivery Obligation (“PDO”) and/or the Parkway Delivery Commitment Incentive (“PDCI”). As part of the settlement agreement in EB-2020-0095<sup>1</sup>, Enbridge Gas agreed to file evidence with its 2022 Rate Adjustment Application (Phase 1) identifying pipeline, non-pipeline and market-based alternatives that the Company has considered to determine whether it is cost effective to eliminate or reduce the PDO and/or PDCI for 2022 and future years.
2. This evidence is organized as follows:
  - a. Overview of Parkway Delivery Obligation
  - b. Assessment of Alternatives
    - i. Infrastructure Alternatives
    - ii. Market-Based Alternatives
  - c. Revenue Requirement
  - d. Conclusion

a. **OVERVIEW OF PARKWAY DELIVERY OBLIGATION**

3. Direct purchase customers in the Union South rate zone are obligated to deliver gas to Enbridge Gas at various receipt points upstream or on Enbridge Gas’s

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<sup>1</sup> EB-2020-0095, Decision on Settlement Proposal and Interim Rate Order, dated November 6, 2020, p.6

system, including the interconnect with TCPL at Parkway. Except for unbundled customers, this delivery obligation is required every day of the year unless otherwise agreed to by Enbridge Gas. Obligated delivery points have been determined through a historical allocation of Enbridge Gas's upstream transportation contracts.

4. Enbridge Gas relies on the obligated deliveries at Parkway from direct purchase customers and sales service customers in the design of the Dawn-Parkway transmission system.
5. As a result of the current obligated Parkway deliveries by direct purchase customers and sales service customers, Enbridge Gas's Dawn-Parkway system is physically smaller than it otherwise would be. All customers benefit from the reduced facilities size through lower delivery and transportation rates.
6. Union South in-franchise customers also benefit because Parkway obligated deliveries reduce their allocation of Dawn-Parkway transmission system costs. In effect, Union South in-franchise customers receive a 'distance credit' as a result of the obligated deliveries at Parkway, which recognizes that design day demands supplied from Parkway are transported over a shorter distance than design day demands supplied from Dawn. Since Dawn-Parkway costs are allocated to Union South in-franchise rate classes on the basis of Dawn-Parkway design day demands, the primary beneficiary of the "distance credit" are Union South general service rate classes (Rate M1 and Rate M2).
7. The Parkway delivery obligation, however, primarily resides with large volume contract rate classes in the Union South rate zone. As a result, Union South large

volume direct purchase customers confer a benefit on all users of the Dawn Parkway System.

8. In Union Gas's 2014 Rates proceeding parties agreed to, and the OEB approved, the Settlement Framework for Reduction of Parkway Delivery Obligation ("PDO Settlement Framework").<sup>2</sup> The PDO Settlement Framework proposed to permanently shift the PDO of Union South direct purchase customers to Dawn over time and introduced the payment of a PDCI for any continuing obligated deliveries at Parkway.<sup>3</sup> The intention of the PDO shift (when possible) and the PDCI payment was to remedy the inequity between large volume direct purchase customers and all users of the Dawn Parkway System.
9. The PDO Settlement Framework provided Enbridge Gas with recovery of the annual demand costs associated with the Dawn Parkway System turnback used to shift the PDO to Dawn and recovery of the annual PDCI costs. Enbridge Gas has included the associated costs in its annual rate adjustment application (or due to timing, through the Parkway Obligation Rate Variance deferral account).
10. Annually, Enbridge Gas updates the costs associated with the PDO Settlement Framework in its rates through the annual rate adjustment application. PDO and PDCI costs included in this application for 2022 rates are \$27.7 million split as \$12.9 million related to the annual demand costs of the PDO shift and \$14.8 million related to the annual PDCI costs.<sup>4</sup>

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<sup>2</sup> EB-2013-0365, Decision and Order, Appendix B.

<sup>3</sup> PDCI credit unit rate calculated as the Rate M12 demand rate at 100% load factor including fuel and facility carbon charge.

<sup>4</sup> Exhibit F, Tab 2, Working Papers, Schedule 11, p 1.

11. Under the PDO Settlement Framework, Enbridge Gas is also required to report annually on: capacity that could be made available in the two years commencing with the test year to further reduce the PDO at a lower cost than the cost of the PDCI; forecasted PDO quantities for the two years commencing with the test year; measures used by the Company to manage the initial Parkway shortfall; and, actual transmission compressor fuel on the Dawn to Parkway system in the prior year. For 2022, this information has been provided at Exhibit B, Tab 1, Schedule 1, Section 3.
12. As per the PDO Settlement Framework, PDO shift will be facilitated through Dawn-Kirkwall M12 turnback. The last Dawn-Kirkwall turnback and resulting PDO shift occurred as of November 1, 2017. Since that time there has been no Dawn-Kirkwall turnback to facilitate incremental PDO shift. Enbridge Gas forecasts that no additional PDO shift will be available to Union South direct purchase customers for November 1, 2021 or November 1, 2022.
13. The forecasted PDO at November 1, 2021 is 275 TJ/d made up of 264 TJ/d for direct purchase customers and 11 TJ/d for sales service customers.

**b. ASSESSMENT OF ALTERNATIVES**

14. Enbridge Gas assessed pipeline and market-based alternatives as solutions to reduce or eliminate the PDO consistent with the commitment made in the EB-2020-0095 Settlement Proposal.
15. Infrastructure alternatives involved the assessment of Dawn Parkway System expansion projects that could be completed to provide sufficient capacity to offset the 275 TJ/d of PDO.

16. Market-based alternatives involved the assessment of a firm Dawn to Parkway Exchange service that would in effect reduce the PDO similarly to a facility expansion. To explore this option, Enbridge Gas issued a Request for Proposal (“RFP”) to over 100 active market participants at the Dawn Hub.
17. Any alternative to reduce or eliminate the PDO will reduce the cost of PDCI payments (due to a lower PDO) but will increase the cost associated with the PDO shift in Enbridge Gas’s rates. As a result, the cost of alternatives to reduce or eliminate the PDO should be assessed against the current PDCI cost.
  - i. INFRASTRUCTURE ALTERNATIVES
18. The Dawn-Parkway system capacity is made up of two components, including: (1) physical system capacity; and (ii) Parkway Delivery Obligations (“PDO”) and is a function of: (i) pipeline and compressor facilities in operation; (ii) the location that demand is being consumed; and (iii) the location of the supply delivery to the system (which includes PDO).
19. Enbridge Gas relies on PDO in the design of the Dawn-Parkway system. A reduction in PDO would require additional facilities on the Dawn-Parkway system to replace system capacity. To replace system capacity Enbridge Gas evaluated various pipeline and compression facilities and ranked the options by lowest cost per unit of capacity. The lowest cost per unit of capacity facility is the NPS 48 Kirkwall to Hamilton pipeline that provides approximately 85 TJ/d. This project would only partially offset the total PDO volume.
20. Assuming the Kirkwall to Hamilton project is in-service, the next lowest cost per capacity facility is the NPS 48 Dawn to Enniskillen pipeline. This facility provides



193 TJ/d of Dawn-Parkway system capacity, and combined with the NPS 48 Kirkwall to Hamilton pipeline would replace the total volume of PDO. These projects are shown in Table 1.

21. Dawn Parkway System facilities projects are determined and assessed in a chronological sequence. It is the sequence of the projects that provides the maximum capacity at the lowest cost per unit of capacity. The Kirkwall to Hamilton followed by the Dawn to Enniskillen project sequence provides the best cost per unit of capacity of potential Dawn Parkway System projects. As a result, Enbridge Gas did not review other Dawn Parkway System projects as alternatives. The Dawn to Enniskillen project and the Kirkwall to Hamilton project are linked, to maximize the capacity of the Dawn to Enniskillen project it must follow the Kirkwall to Hamilton project. These projects are shown in Table 1.
22. The estimated costs of the facility builds listed above would come in at a capital cost that would have a revenue requirement considerably greater than the current PDCI costs.
23. In addition, it would take time for the facilities to be scoped and a leave to construct application adjudicated before the OEB.
24. The Kirkwall to Hamilton pipeline begins at the Kirkwall Valve Site located in Lot 25, Concession 7, in the former Township of Flamborough, in the City of Hamilton and ends at the Hamilton Valve Site located northeast of the intersection of Highway 6 and Carlisle Road, in the former Township of Flamborough East, in the City of Hamilton. The current estimate of a Kirkwall to Hamilton pipeline project provides 85 TJ/d of Dawn Parkway System capacity at a total capital cost of

\$191 million with a total revenue requirement of \$15.1 million in the first full year in-service. The earliest in-service date the project could be completed is 2023.

25. The Dawn to Enniskillen pipeline begins at Dawn Operations Centre located on Bentpath Line in the Township of Dawn-Euphemia and ends at the Enniskillen Valve Site on Oakdale Road in Lot 27, Concession 3, in the Township of Enniskillen. The current estimate of a Dawn to Enniskillen pipeline project provides 193 TJ/d of Dawn Parkway System capacity at a total capital cost of \$247 million with a total revenue requirement of \$18.0 million in the first full year in-service. The earliest in-service date the project could be completed is 2024.

Table 1  
Infrastructure Facilities to offset PDO

<u>Line No.</u>	<u>Particulars</u>	<u>Capacity (TJ/d)</u> (a)	<u>Capital Costs (\$ millions)</u> (b)	<u>Revenue Requirement (\$ millions)</u> (c)
1	Kirkwall to Hamilton NPS 48	85	191	15.1
2	Dawn to Enniskillen NPS 48	193	247	18.0
3	<u>Total</u>	<u>278</u>	<u>438</u>	<u>33.1</u>

ii. MARKET BASED ALTERNATIVES

26. To determine market-based alternatives, Enbridge Gas released a Request For Proposal (“RFP”) to the market to determine market availability for a Firm Exchange Service which the Company may require between Dawn and Parkway Enbridge Gas received some limited interest (less than 50,000 GJ/d) in response to the RFP that could potentially be used to reduce the PDO. The RFP is filed as Attachment 1.

27. Enbridge Gas received response to the RFP that provides a reasonable contract term with renewal capability to warrant consideration as an alternative to the current PDO. The response to the RFP provided a firm exchange from Dawn-Parkway for 37,000 GJ/d, this would in effect reduce the PDO obligation for an initial term of 5 years.

**c. REVENUE REQUIREMENT**

28. In order to assess the alternatives to reduce or eliminate the PDO relative to each other, Enbridge Gas determined the revenue requirement per GJ of capacity provided of each alternative. This measure allows capital and O&M alternatives to be compared against each other without regard to the total GJ capacity available. Table 2 provides the details of the alternatives.

Table 2  
Alternatives to Reduce or Eliminate PDO

<u>Line No.</u>	<u>Particulars</u>	<u>Capacity (TJ/d)</u> (a)	<u>Capital Costs (\$ millions)</u> (b)	<u>Revenue Requirement (\$ millions)</u> (c)	<u>Revenue Requirement (\$/GJ)</u> (d)
1	Kirkwall to Hamilton NPS 48	85	191	15.1	177.3
2	Combined Kirkwall to Hamilton NPS 48 and Dawn to Enniskillen NPS 48	278	438	33.1	119.2
3	Potential Market Solution	37	n/a	1.5	40.2
4	Current 2022 PDO	275	n/a	14.8	53.7

29. The infrastructure alternatives have a higher per GJ cost of available capacity than the current PDCI amount. The market-based solution can provide 37 TJ/d of PDO reduction at a lower cost than the current PDCI amount, however, there is currently

not sufficient market-based solution capacity available to provide full reduction of the PDO.

**d. CONCLUSION**

30. Enbridge Gas has assessed the alternatives to reduce or eliminate the PDO as described above in response to the 2021 Rates settlement proposal . Infrastructure alternatives are more costly than the current PDCI cost. Market-based alternatives are slightly less costly than the current PDCI alternative but does not provide sufficient capacity to provide a full reduction of the PDO. At this time, Enbridge Gas has not acted on or reflected the lower cost market-based alternative in this application. In order to pursue the market based alternative Enbridge seeks direction from the OEB to secure the offered firm exchange capacity.



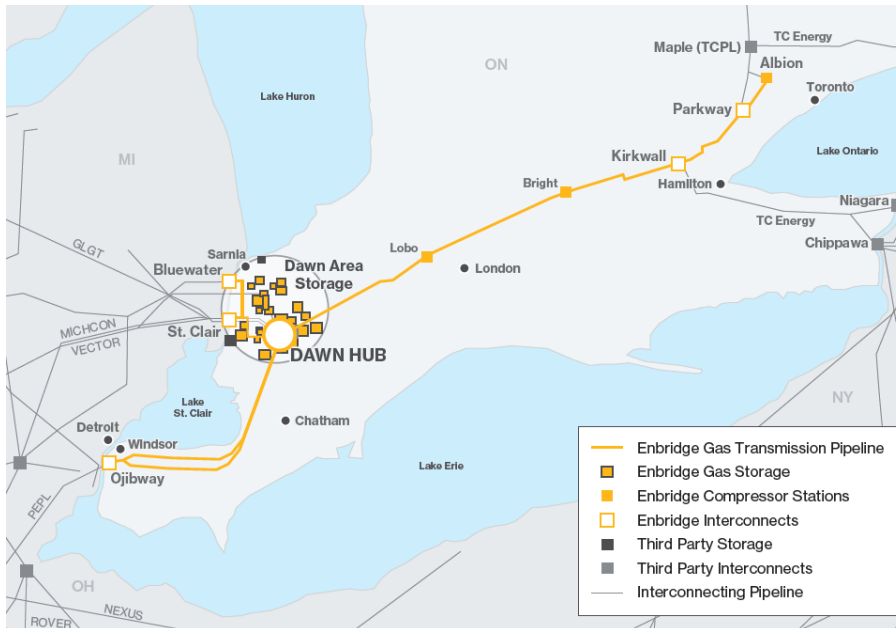
April 1, 2021

**Enbridge Gas Inc. Request for Proposal – 2022 Firm Exchange Service (“RFP”)**

Enbridge Gas Inc. (“**Enbridge Gas**”) is pleased to announce this RFP for a Firm Exchange Service which Enbridge Gas may require between Dawn and Parkway beginning November 1, 2022. This service is being evaluated as a replacement (in whole or in part) for the Parkway Delivery Obligation, which creates capacity for Enbridge Gas to provide firm transportation on the Dawn-Parkway System.

This RFP closes at 12 p.m. (noon) Eastern Standard Time / 11 a.m. Central Standard Time on **Thurs., April 21, 2021**. Enbridge Gas reserves the right to reject any and all proposals at its sole discretion.

<b>Dawn to Parkway Firm Exchange Service</b>
<b>Total Firm Exchange Capacity Requested:</b> up to 249,000 GJ/d
<b>Start Date:</b> November 1, 2022
<b>Term:</b> Five (5) Years
<b>Receipt Point(s):</b> Dawn (Facilities)
<b>Delivery Point:</b> Parkway
<b>Demand Rate:</b> Fixed Price
<b>Commodity Rate:</b> Fixed Price
<b>Fuel:</b> included in the demand rate
<b>Renewable:</b> Yes, with four (4) years’ notice. Shipper to confirm rate for an additional year of service by September 1 of each year.
<b>Termination:</b> Four (4) years’ notice by either party before November 1 of each year.
<b>Quality of Service:</b> Firm service 365 days/year
<b>Comments:</b> <ul style="list-style-type: none"> <li>• Contract will be an Enbridge Gas Standard Exchange Agreement</li> <li>• A HUB Contract is required</li> <li>• All quantities to be supported by firm transportation agreements, Shipper must supply contract details to verify.</li> <li>• Lesser volumes than 249,000 GJ/d will be considered</li> <li>• Charge for non-performance will be \$60 CAD/GJ/day</li> <li>• Alternatives to provide capacity as described above will be considered</li> <li>• Alternatives must be sufficiently detailed for evaluation</li> </ul>



### Submitting Proposal and Awarding of Service

Enbridge Gas, at its sole discretion, reserves the right to reject any and all proposals received.

Any suggested conditions precedent proposed by the bidder should be clearly articulated and attached to the RFP form and will be considered during the RFP review. Successful bidders will be expected to enter into a binding contract within thirty (30) days of the award.

This RFP is non-binding.

### Submitting a Proposal

If you wish to submit a proposal under this RFP, please email:

- [EnbridgeGas\\_S&TSales@enbridge.com](mailto:EnbridgeGas_S&TSales@enbridge.com).



## Request for Proposal – 2022 Firm Exchange Service

If you wish to participate in the Request for Proposal (RFP), please complete, sign and return this RFP form on or before 12 p.m. EST / 11 a.m. CT on April 21, 2021.

CUSTOMER CONTACT INFORMATION		<i>*Required Fields</i>
Corporate Name:*		
Contact Person*:		
Title:		
Telephone:*	E-mail:*	

SERVICE PARAMETERS		
Receipt Point:	Dawn (Facilities)	
Delivery Point:	Parkway	
Start Date:	Nov.1, 2022	
Exchange quantity:		(GJ/day)
Term (years)	Five (5) years	
Price		(CAD/GJ/d)
• Total price		Five (5) year term
Conditions Precedent: (If any)		

**This is a non-binding bid.** Enbridge Gas, at its sole discretion, reserves the right to reject any and all proposals received.

Any suggested conditions precedent proposed by the bidder should be clearly articulated and attached to the RFP form and will be considered during the RFP review. Successful bidders will be expected to enter into a binding contract within thirty (30) days of the award.

<b>CORPORATE LEGAL NAME:</b> _____		
Signature: _____	E-mail: _____	
Name: _____	Phone: _____	
Dated this _____ day of _____	2021	

Instructions: Please return your completed RFP form before the **deadline of 12 p.m. EST / 11 a.m. CST on April 21, 2021** via email to [EnbridgeGas\\_S&TSales@enbridge.com](mailto:EnbridgeGas_S&TSales@enbridge.com).

INCREMENTAL CAPITAL MODULE (ICM)

To be filed in Phase 2 in EB-2021-0148



ADDENDUM TO ASSET MANAGEMENT PLAN (AMP)

To be filed in Phase 2 in EB-2021-0148

PROGRESS REPORT ON IMPLEMENTATION OF THE  
RECOMMENDATIONS AS SET OUT IN THE UFG REPORT

To be filed in Phase 2 in EB-2021-0148

ENBRIDGE GAS INC.  
EGD Rate Zone  
SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

Line No.	Rate No.	Particulars	Col. 2 Rate Block (m <sup>3</sup> )	Col. 3 Approved Rates EB-2021-0070 (1) (cents/m <sup>3</sup> *)	Col. 4 Rate Change (cents/m <sup>3</sup> *)	Col. 5 Proposed EB-2021-0147 (cents/m <sup>3</sup> *)
				(a)	(b)	(c) = (a+b)
<b>RATE 1</b>						
1.01		Customer Charge		\$20.83	\$0.29	\$21.12
1.02		Delivery Charge	First 30	9.7093	0.1993	9.9086
1.03			Next 55	9.0933	0.1817	9.2750
1.04			Next 85	8.6109	0.1680	8.7789
1.05			Over 170	8.2513	0.1577	8.4090
1.06		Gas Supply Load Balancing		1.0522	0.0050	1.0572
1.07		Gas Supply Transportation		4.0433	0.0003	4.0436
1.08		Gas Supply Transportation Dawn		0.9703	0.0001	0.9704
1.09		Gas Supply Commodity - System		11.9527	0.0011	11.9538
<b>RATE 6</b>						
2.01		Customer Charge		\$72.89	\$1.02	\$73.91
2.02		Delivery Charge	First 500	9.2622	0.4365	9.6987
2.03			Next 1,050	7.0871	0.3088	7.3959
2.04			Next 4,500	5.5640	0.2192	5.7832
2.05			Next 7,000	4.5854	0.1618	4.7472
2.06			Next 15,250	4.1505	0.1363	4.2868
2.07			Over 28,300	4.0413	0.1299	4.1712
2.08		Gas Supply Load Balancing		0.9842	0.0047	0.9889
2.09		Gas Supply Transportation		4.0433	0.0003	4.0436
2.10		Gas Supply Transportation Dawn		0.9703	0.0001	0.9704
2.11		Gas Supply Commodity - System		11.9749	0.0014	11.9763
<b>RATE 9</b>						
3.01		Customer Charge		\$245.71	\$3.44	\$249.15
3.02		Delivery Charge	First 20,000	11.7206	0.1640	11.8846
3.03			Over 20,000	10.9711	0.1535	11.1246
3.04		Gas Supply Load Balancing		0.0131	0.0003	0.0134
3.05		Gas Supply Transportation		4.0433	0.0003	4.0436
3.06		Gas Supply Transportation Dawn		0.9703	0.0001	0.9704
3.07		Gas Supply Commodity - System		11.9164	0.0006	11.9170
<b>RATE 100</b>						
4.01		Customer Charge		\$127.05	\$1.78	\$128.83
4.02		Demand Charge (Cents/Month/m <sup>3</sup> )		37.5887	0.5248	38.1135
4.03		Delivery Charge	First 14,000	0.1785	0.0000	0.1785
4.04			Next 28,000	0.1785	0.0000	0.1785
4.05			Over 42,000	0.1785	0.0000	0.1785
4.06		Gas Supply Load Balancing		0.9842	0.0046	0.9888
4.07		Gas Supply Transportation		4.0433	0.0003	4.0436
4.08		Gas Supply Transportation Dawn		0.9703	0.0001	0.9704
4.09		Gas Supply Commodity - System		11.9749	0.0014	11.9763
<b>RATE 110</b>						
5.01		Customer Charge		\$611.66	\$8.56	\$620.22
5.02		Demand Charge (Cents/Month/m <sup>3</sup> )		23.9866	0.3340	24.3206
5.03		Delivery Charge	First 1,000,000	0.8602	0.0322	0.8924
5.04			Over 1,000,000	0.7016	0.0294	0.7310
5.05		Gas Supply Load Balancing		0.2019	0.0011	0.2030
5.06		Gas Supply Transportation		4.0433	0.0003	4.0436
5.07		Gas Supply Transportation Dawn		0.9703	0.0001	0.9704
5.08		Gas Supply Commodity - System		11.9165	0.0006	11.9171

NOTE : \* Cents unless otherwise noted.  
 (1) EB-2021-0070, Exhibit C, Tab 4, Schedule 3, Pages 1 - 4, Col. 5

ENBRIDGE GAS INC.  
EGD Rate Zone  
SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (cont)

Line No.	Rate No.	Particulars	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
				Rate Block (m <sup>3</sup> )	Approved Rates EB-2021-0070 (1) (cents/m3 *)	Rate Change (cents/m3 *)	Proposed EB-2021-0147 (cents/m3 *)
					(a)	(b)	(c) = (a+b)
<b>RATE 115</b>							
1.01		Customer Charge			\$648.36	\$9.08	\$657.44
1.02		Demand Charge (Cents/Month/m <sup>3</sup> )			25.5390	0.3552	25.8942
1.03		Delivery Charge		First 1,000,000	0.4758	0.0916	0.5674
1.04				Over 1,000,000	0.3746	0.0909	0.4655
1.05		Gas Supply Load Balancing			0.0799	0.0003	0.0802
1.06		Gas Supply Transportation			4.0433	0.0003	4.0436
1.07		Gas Supply Transportation Dawn			0.9703	0.0001	0.9704
1.08		Gas Supply Commodity - System			11.9165	0.0006	11.9171
<b>RATE 125</b>							
2.01		Customer Charge			\$520.67	\$7.29	527.96
2.02		Delivery Charge (Cents/Month/m <sup>3</sup> of Contract Dmnd)			10.6389	0.1449	10.7838
<b>RATE 135</b>							
DEC - MAR							
3.00		Customer Charge			\$119.84	\$1.68	\$121.52
3.01		Delivery Charge		First 14,000	7.7605	0.2744	8.0349
3.02				Next 28,000	6.4484	0.2265	6.6749
3.03				Over 42,000	5.9822	0.1914	6.1736
3.04		Gas Supply Load Balancing			0.0000	0.0000	0.0000
3.05		Gas Supply Transportation			4.0433	0.0003	4.0436
3.06		Gas Supply Transportation Dawn			0.9703	0.0001	0.9704
3.07		Gas Supply Commodity - System			11.9237	0.0008	11.9245
<b>RATE 135</b>							
APR - NOV							
3.08		Customer Charge			\$119.84	\$1.68	\$121.52
3.09		Delivery Charge		First 14,000	2.6033	0.1200	2.7233
3.10				Next 28,000	1.8517	0.0957	1.9474
3.11				Over 42,000	1.6317	0.0852	1.7169
3.12		Gas Supply Load Balancing			0.0000	0.0000	0.0000
3.13		Gas Supply Transportation			4.0433	0.0003	4.0436
3.14		Gas Supply Transportation Dawn			0.9703	0.0001	0.9704
3.15		Gas Supply Commodity - System			11.9237	0.0008	11.9245
<b>RATE 145</b>							
4.00		Customer Charge			\$128.44	\$1.80	\$130.24
4.01		Demand Charge (Cents/Month/m <sup>3</sup> )			8.5968	0.1200	8.7168
4.02		Delivery Charge		First 14,000	5.3866	0.9094	6.2960
4.03				Next 28,000	4.0125	0.9094	4.9219
4.04				Over 42,000	3.4471	0.9094	4.3565
4.05		Gas Supply Load Balancing			0.4594	0.0024	0.4618
4.06		Gas Supply Transportation			4.0433	0.0003	4.0436
4.07		Gas Supply Transportation Dawn			0.9703	0.0001	0.9704
4.08		Gas Supply Commodity - System			11.9202	0.0007	11.9209
<b>RATE 170</b>							
5.00		Customer Charge			\$290.86	\$4.07	\$294.93
5.01		Demand Charge (Cents/Month/m <sup>3</sup> )			4.2673	0.0596	4.3269
5.02		Delivery Charge		First 1,000,000	0.5677	0.1090	0.6767
5.03				Over 1,000,000	0.3643	0.1087	0.4730
5.04		Gas Supply Load Balancing			0.1982	0.0010	0.1992
5.05		Gas Supply Transportation			4.0433	0.0003	4.0436
5.06		Gas Supply Transportation Dawn			0.9703	0.0001	0.9704
5.07		Gas Supply Commodity - System			11.9165	0.0006	11.9171

NOTE : \* Cents unless otherwise noted.  
 (1) EB-2021-0070, Exhibit C, Tab 4, Schedule 3, Pages 1 - 4, Col. 5

ENBRIDGE GAS INC.

EGD Rate Zone

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

Line No.	Rate No.	Col. 1 Particulars	Col. 2 Rate Block (m <sup>3</sup> )	Col. 3 Approved Rates EB-2021-0070 (1) (cents/m3 *) (a)	Col. 4 Rate Change (cents/m3 *) (b)	Col. 5 Proposed EB-2021-0147 (cents/m3 *) (c) = (a+b)
<b>RATE 200</b>						
1.00		Customer Charge		\$0.00	\$0.00	\$0.00
1.01		Demand Charge (Cents/Month/m <sup>3</sup> )		15.4861	0.2143	15.7004
1.02		Delivery Charge		1.2584	(0.0007)	1.2577
1.03		Gas Supply Load Balancing		0.9206	0.0045	0.9251
1.04		Gas Supply Transportation		4.0433	0.0003	4.0436
1.05		Gas Supply Transportation Dawn		0.9703	0.0001	0.9704
1.06		Gas Supply Commodity - System		11.9164	0.0006	11.9170
1.07		Gas Supply Commodity - Buy/Sell		11.8953	0.0004	11.8957
<b>RATE 300</b>						
2.00		FIRM SERVICE Monthly Customer Charge		\$520.67	\$7.29	\$527.96
2.01		Demand Charge (Cents/Month/m <sup>3</sup> )		28.7254	0.3448	29.0702
<b>INTERRUPTIBLE SERVICE</b>						
2.02		Minimum Delivery Charge (Cents/Month/m <sup>3</sup> )		0.4197	0.0057	0.4254
2.03		Maximum Delivery Charge (Cents/Month/m <sup>3</sup> )		1.1333	0.0136	1.1469
<b>RATE 315</b>						
3.00		Monthly Customer Charge		\$156.20	\$2.19	\$158.39
3.01		Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0537	0.0000	0.0537
3.01		Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		23.1985	0.0000	23.1985
3.02		Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.2706	0.0000	0.2706
<b>RATE 316</b>						
4.00		Monthly Customer Charge		\$156.20	\$2.19	\$158.39
4.01		Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0537	0.0000	0.0537
4.01		Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		5.5775	0.0000	5.5775
4.02		Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.1015	0.0000	0.1015
<b>RATE 320</b>						
5.00		Backstop	All Gas Sold	16.5223	<b>0.1107</b>	16.6330

NOTE: \* Cents unless otherwise noted.

(1) EB-2021-0070, Exhibit C, Tab 4, Schedule 3, Pages 1 - 4, Col. 5

ENBRIDGE GAS INC.  
EGD Rate Zone  
SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (cont)

Line No.	Rate No.	Col. 1 Particulars	Col. 2 Rate Block (m <sup>3</sup> )	Col. 3 Approved Rates EB-2021-0070 (1) (cents/m <sup>3</sup> *) (a)	Col. 4 Rate Change (cents/m <sup>3</sup> *) (b)	Col. 5 Proposed EB-2021-0147 (cents/m <sup>3</sup> *) (c) = (a+b)
<b>RATE 325</b>						
		Transmission & Compression				
1.00		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		0.2156	0.0030	0.2186
1.01		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		23.7301	0.3322	24.0623
1.02		Commodity Charge		0.8754	0.0042	0.8796
		Storage				
1.03		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		0.2036	0.0029	0.2065
1.04		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		22.6384	0.3169	22.9553
1.05		Commodity Charge		0.1267	0.0008	0.1275
(2) Note: These are UNBUNDLED Rates						
<b>RATE 330</b>						
		Storage Service - Firm				
2.00		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV)				
2.01		Minimum		0.4192	0.0059	0.4251
2.01		Maximum		2.0960	0.0295	2.1255
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Daily Withdrawal)				
2.02		Minimum		46.3684	0.6492	47.0176
2.03		Maximum		231.8422	3.2458	235.0880
		Commodity Charge				
2.04		Minimum		1.0021	0.0050	1.0071
2.05		Maximum		5.0105	0.0248	5.0353
		Storage Service - Interruptible				
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV)				
2.06		Minimum		0.4192	0.0059	0.4251
2.07		Maximum		2.0960	0.0295	2.1255
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Daily Withdrawal)				
2.08		Minimum		37.0947	0.5194	37.6141
2.09		Maximum		185.4737	2.5967	188.0704
		Commodity Charge				
2.10		Minimum		1.0021	0.0050	1.0071
2.11		Maximum		5.0105	0.0248	5.0353
		Storage Service - Off Peak				
		Commodity Charge				
2.12		Minimum		0.3810	0.0008	0.3818
2.13		Maximum		41.5394	0.0248	41.5642
<b>RATE 331</b>						
		Tecumseh Transmission Service				
		Firm				
3.00		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Maximum Contracted Daily Delivery)		5.8763	0.0823	5.9586
		Interruptible				
3.01		Commodity Charge (\$/10 <sup>3</sup> m <sup>3</sup> of gas delivered)		0.2280	0.0000	0.2280
<b>RATE 332</b>						
		Transportation Service				
4.00		Monthly Contract Demand Charge (\$/10 <sup>3</sup> m <sup>3</sup> )		48.4487	0.6782	49.1269
4.01		Monthly Contract Demand Charge (\$/GJ)		1.2574	0.0176	1.2750
4.02		Authorized Overrun Charge (\$/10 <sup>3</sup> m <sup>3</sup> )		1.9114	0.0268	1.9382
4.03		Authorized Overrun Charge (\$/GJ)		0.0496	0.0007	0.0503

NOTE : \* Cents unless otherwise noted.  
 (1) EB-2021-0070, Exhibit C, Tab 4, Schedule 3, Pages 1 - 4, Col. 5

**RATE HANDBOOK**

Filed: 2021-06-30  
EB-2021-0147  
Exhibit D  
Tab 1  
Rate Order  
Appendix B  
Page 1 of 71

***ENBRIDGE GAS INC.***

**EGD RATE ZONE  
HANDBOOK OF RATES AND DISTRIBUTION SERVICES**

**INDEX**

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<b>PART II:</b>	<b>RATES AND SERVICES AVAILABLE</b>	<b>Page 4</b>
<b>PART III:</b>	<b>TERMS AND CONDITIONS - APPLICABLE TO ALL SERVICES</b>	<b>Page 5</b>
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Issued: 2022-01-01  
Replaces: 2021-04-01



## Part I

### GLOSSARY OF TERMS

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

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

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

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

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

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

$CD - (MDV - Delivery) - Curtailment Volume$

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

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

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

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

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

**Board:** Ontario Energy Board. (OEB)

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

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

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

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

**Company:** Enbridge Gas Inc.

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

**Cubic Metre ("m<sup>3</sup>"):** That volume of gas which at a temperature of 15 degrees Celsius and at an absolute pressure of 101.325 kilopascals ("kPa") occupies one cubic metre. "10<sup>3</sup>m<sup>3</sup>" means 1,000 cubic metres.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Gas:** Natural Gas.

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

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

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

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

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

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

**Gigajoule ("GJ"):** See Joule.

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

**Imperial Conversion Factors:**

Volume:

1,000 cubic feet (cf) = 1 Mcf  
 = 28.32784 cubic metres (m<sup>3</sup>)  
 1 billion cubic feet (cf) = 28.32784 10<sup>6</sup>m<sup>3</sup>

Pressure:

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

Energy:

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

Monetary Value:

\$1 per Mcf = \$0.03530096 per m<sup>3</sup>  
 \$1 per MMBtu = \$0.9482133 per GJ

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

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

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

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

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

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

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

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

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

**Metric Conversion Factors:**

Volume:

1 cubic metre (m<sup>3</sup>) = 35.30096 cubic feet (cf)  
 1,000 cubic metres = 10<sup>3</sup>m<sup>3</sup>  
 = 35,300.96 cf  
 = 35.30096 Mcf  
 28.32784 m<sup>3</sup> = 1 Mcf

Pressure:

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

Energy:

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

Monetary Value:

\$1 per 10<sup>3</sup>m<sup>3</sup> = \$0.02832784 per Mcf  
 \$1 per gigajoule = \$1.055056 per MMBtu

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

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

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

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**Nominate, Nomination:** The procedure of advising the Company of the volume which the Applicant expects to deliver to the Company in a day.

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

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

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

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

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

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

**T-Service:** Transportation Service.

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

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

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

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

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

## **SECTION A - INTRODUCTION**

### **1. In Franchise Services**

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

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

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

Service to residential locations is provided pursuant to Rate 1.

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

### **2. Ex-Franchise Services**

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

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

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## **PART II**

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### **RATES AND SERVICES AVAILABLE**

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of its customer owned gas and shall assume all the obligations of transportation as if it owned the gas.

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

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

## **SECTION B -DIRECT PURCHASE ARRANGEMENTS**

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

### **A. Western Canada**

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

### **B. Ontario Delivery T-Service Arrangement**

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

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

#### **(i) Bundled T-Service**

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

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

#### **(ii) Unbundled T-Service**

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

### **C. Western Delivery T-Service Arrangement**

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

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

### **D. Dawn Delivery T-Service Arrangement**

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

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## **PART III**

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### **TERMS AND CONDITIONS APPLICABLE TO ALL SERVICES**

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

### **SECTION A - AVAILABILITY**

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

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

**SECTION B - ENERGY CONTENT**

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

**SECTION C - SUBSTITUTION PROVISION**

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

**SECTION D - BILLS**

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

**SECTION E - MINIMUM BILLS**

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

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

In addition, for service under each of the Large Volume Distribution Contact Rates, if in a contract year a volume of gas equal to or greater than the product of the Contract Demand multiplied by a contractually specified multiple of the Contract Demand ("Minimum Annual Volume") is not taken at the Terminal Location the Applicant shall pay, in addition to the minimum monthly bills, the amount obtained when the difference between the Minimum Annual Volume and the volume taken in the contract year (such difference being the Annual Volume Deficiency) is multiplied by the applicable Minimum Bill Charge(s) as provided for in the applicable Rate Schedule. Notwithstanding the foregoing, the Minimum Annual Volume shall be the greater of the Minimum Annual Volume as determined above and 340,000 m<sup>3</sup>.

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

**SECTION F - PAYMENT CONDITIONS**

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

**SECTION G - TERM OF ARRANGEMENT**

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

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

**SECTION H - RESALE PROHIBITION**

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

**SECTION I - MEASUREMENT**

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

**SECTION J - RATES IN CONTRACTS**

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

**SECTION K - ADVICE RE: CURTAILMENT**

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

**SECTION L - DAILY DELIVERED VOLUMES**

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

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

**SECTION M - AUTHORIZED OVERRUN GAS**

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

**SECTION N - UNAUTHORIZED SUPPLY OVERRUN GAS**

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

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

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



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

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

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

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

**SECTION O – COMPANY RESPONSIBILITY AND LIABILITY**

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

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

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

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

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

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

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

**PART IV**

**TERMS AND CONDITIONS – DIRECT PURCHASE ARRANGEMENTS**

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

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

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

**SECTION A - NOMINATIONS**

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

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

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

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

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

**SECTION B - OBLIGATION TO DELIVER**

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

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

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

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

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

**SECTION C - DIVERSION RIGHTS**

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

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

**SECTION D - BANKED GAS ACCOUNT (BGA)**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**APPLICABILITY:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	<u>Billing Month</u> January to December <u>December</u>
<b>Monthly Customer Charge</b> <sup>(1)</sup>	<b>\$22.12</b>
<b>Delivery Charge per cubic metre</b>	
For the first 30 m <sup>3</sup> per month	10.9658 ¢/m <sup>3</sup>
For the next 55 m <sup>3</sup> per month	10.3322 ¢/m <sup>3</sup>
For the next 85 m <sup>3</sup> per month	9.8361 ¢/m <sup>3</sup>
For all over 170 m <sup>3</sup> per month	9.4662 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9538 ¢/m<sup>3</sup></b>

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

**Monthly Customer Charge <sup>(1)</sup>****Billing Month**

January

to

December

**\$74.91****Delivery Charge per cubic metre**

For the first 500 m <sup>3</sup> per month	<b>10.6876 ¢/m<sup>3</sup></b>
For the next 1050 m <sup>3</sup> per month	<b>8.3847 ¢/m<sup>3</sup></b>
For the next 4500 m <sup>3</sup> per month	<b>6.7721 ¢/m<sup>3</sup></b>
For the next 7000 m <sup>3</sup> per month	<b>5.7361 ¢/m<sup>3</sup></b>
For the next 15250 m <sup>3</sup> per month	<b>5.2756 ¢/m<sup>3</sup></b>
For all over 28300 m <sup>3</sup> per month	<b>5.1600 ¢/m<sup>3</sup></b>

**Transportation Charge per cubic metre** (If applicable) **4.0436 ¢/m<sup>3</sup>**

**Transportation Dawn Charge per cubic metre** (If applicable) **0.9704 ¢/m<sup>3</sup>**

**System Sales Gas Supply Charge per cubic metre** (If applicable) **11.9763 ¢/m<sup>3</sup>**

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	<u>Billing Month</u> January to December
<b>Monthly Customer Charge</b>	<b>\$249.15</b>
<b>Delivery Charge per cubic metre</b>	
For the first 20,000 m <sup>3</sup> per month	11.8980 ¢/m <sup>3</sup>
For all over 20,000 m <sup>3</sup> per month	11.1380 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	4.0436 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	0.9704 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	11.9170 ¢/m <sup>3</sup>

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b> <sup>(1)</sup>	<b>\$129.83</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	38.1135 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	0.1785 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.9888 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9763 ¢/m<sup>3</sup></b>

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

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

RATE NUMBER: **100**

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	<u>Billing Month</u> January to December <u>December</u>
<b>Monthly Customer Charge <sup>(1)</sup></b>	<b>\$621.22</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	<b>24.3206 ¢/m<sup>3</sup></b>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	<b>0.8924 ¢/m<sup>3</sup></b>
For all over 1,000,000 m <sup>3</sup> per month	<b>0.7310 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>0.2030 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9171 ¢/m<sup>3</sup></b>

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

RATE NUMBER: **110**

**MINIMUM BILL:**

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

**5.1103 ¢/m<sup>3</sup>**

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

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	Billing Month January to December <hr style="width: 100%;"/>
<b>Monthly Customer Charge <sup>(1)</sup></b>	<b>\$658.44</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	25.8942 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.5674 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.4655 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.0802 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9171 ¢/m<sup>3</sup></b>

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

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RATE NUMBER: **115**

**MINIMUM BILL:**

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

**4.6626 ¢/m<sup>3</sup>**

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

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

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

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

**DISTRIBUTION RATES:**

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

<b>Monthly Customer Charge</b> <sup>(1)</sup>	<b>\$528.96</b>
<b>Demand Charge</b>	
Per cubic metre of the Contract Demand or the Billing Contract Demand, as applicable, per month	<b>10.7838 ¢/m<sup>3</sup></b>
<b>Direct Purchase Administration Charge</b>	<b>\$79.05</b>
<b>Forecast Unaccounted For Gas Percentage</b>	<b>0.9%</b>

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

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

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

**TERMS AND CONDITIONS OF SERVICE:**

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

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

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

3. **Nominations:**

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

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

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

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

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

**4. Authorized Demand Overrun:**

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

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

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

Authorized Demand Overrun Rate **0.35 ¢/m<sup>3</sup>**

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

**5. Unauthorized Demand Overrun:**

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

**6. Unauthorized Supply Overrun:**

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

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

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

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

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**7. Unauthorized Supply Underrun:**

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

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

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

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

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

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

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

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

1.055056 = Conversion factor from mmBtu to GJ.

0.03853 = Conversion factor from GJ to cubic metres.

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

$$P_u = (P_1 * E_r * 100 * 0.03853 / 1.055056) * 0.5$$

$P_1$  = lowest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

**Term of Contract:**

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

**Right to Terminate Service:**

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

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**LOAD BALANCING PROVISIONS:**

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

**Definitions:**

**Aggregate Delivery:**

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

**Applicable Delivery Area:**

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

**Primary Delivery Area:**

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

**Secondary Delivery Area:**

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

**Actual Consumption:**

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

**Net Available Delivery:**

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

**Daily Imbalance:**

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

**Cumulative Imbalance:**

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

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**Maximum Contractual Imbalance:**

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

**Winter and Summer Seasons:**

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

**Operational Flow Order:**

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

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

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

**Daily Balancing Fee:**

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

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

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

Tier 1 = 0.8948 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance

Tier 2 = 1.0738 cents/m3 applied to Daily Imbalance of greater than 10% but less than the Maximum Contractual Imbalance

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

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

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

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

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

**Cumulative Imbalance Charges:**

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

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

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

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

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	<b>Billing Month</b>	
	<b>December to March</b>	<b>April to November</b>
<b>Monthly Customer Charge <sup>(1)</sup></b>	<b>\$122.52</b>	<b>\$122.52</b>
<b>Delivery Charge</b>		
For the first 14,000 m <sup>3</sup> per month	<b>8.0349 ¢/m<sup>3</sup></b>	<b>2.7233 ¢/m<sup>3</sup></b>
For the next 28,000 m <sup>3</sup> per month	<b>6.6749 ¢/m<sup>3</sup></b>	<b>1.9474 ¢/m<sup>3</sup></b>
For all over 42,000 m <sup>3</sup> per month	<b>6.1736 ¢/m<sup>3</sup></b>	<b>1.7169 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>0.0000 ¢/m<sup>3</sup></b>	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9245 ¢/m<sup>3</sup></b>	<b>11.9245 ¢/m<sup>3</sup></b>

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

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

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RATE NUMBER: **135**

**SEASONAL CREDIT:**

Rate per cubic metre of Mean Daily Volume from December to March	\$	0.77 /m <sup>3</sup>
Rate per cubic metre of Modified Mean Daily Volume for December	\$	0.77 /m <sup>3</sup>

**SEASONAL OVERRUN CHARGE:**

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

Seasonal Overrun Charges:

<i>December and March</i>	<b>24.1571 ¢/m<sup>3</sup></b>
<i>January and February</i>	<b>60.3926 ¢/m<sup>3</sup></b>

**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency (See Terms and Conditions of Service):	<b>8.5088 ¢/m<sup>3</sup></b>
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**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> to <u>December</u>
<b>Monthly Customer Charge <sup>(1)</sup></b>	<b>\$131.24</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	8.7168 ¢/m <sup>3</sup>
For the first 14,000 m <sup>3</sup> per month	6.2960 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	4.9219 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	4.3565 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.4618 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9209 ¢/m<sup>3</sup></b>

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**CURTAILMENT CREDIT:**

Rate for 16 hours of notice per cubic metre of Mean Daily Volume from December to March     \$     **0.50 /m<sup>3</sup>**

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

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

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

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

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

**MINIMUM BILL:**

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

**10.7728 ¢/m<sup>3</sup>**

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

	<b>Billing Month</b>
	January to December
<b>Monthly Customer Charge</b> <sup>(1)</sup>	<b>\$295.93</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	4.3269 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.6767 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.4730 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.1992 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>4.0436 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>0.9704 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9171 ¢/m<sup>3</sup></b>

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

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**CURTAILMENT CREDIT:**

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March      \$      1.10 /m<sup>3</sup>

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

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

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

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

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

**MINIMUM BILL:**

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

**4.8909 ¢/m<sup>3</sup>**

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

Rates per cubic metre assume an energy content of 38.53 MJ/m<sup>3</sup>.

<b>Billing Month</b>
<b>January</b>
<b>to</b>
<b>December</b>

**Monthly Customer Charge**

The monthly customer charge shall be negotiated with the applicant and shall not exceed:

**\$2,000.00**

**Delivery Charge**

Per cubic metre of Firm Contract Demand  
Per cubic metre of gas delivered

**15.7004 ¢/m<sup>3</sup>**  
**1.2577 ¢/m<sup>3</sup>**

**Gas Supply Load Balancing Charge**

**0.9251 ¢/m<sup>3</sup>**

**Transportation Charge per cubic metre** (If applicable)

**4.0436 ¢/m<sup>3</sup>**

**Transportation Dawn Charge per cubic metre** (If applicable)

**0.9704 ¢/m<sup>3</sup>**

**System Sales Gas Supply Charge per cubic metre** (If applicable)

**11.9170 ¢/m<sup>3</sup>**

**Buy/Sell Sales Gas Supply Charge per cubic metre** (If applicable)

**11.8957 ¢/m<sup>3</sup>**

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

**DIRECT PURCHASE ARRANGEMENTS:**

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

**CURTAILMENT CREDIT:**

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March

**\$ 1.10 /m<sup>3</sup>**

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

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

**UNAUTHORIZED OVERRUN GAS RATE:**

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

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

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

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

**MINIMUM BILL:**

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

**6.1978 ¢/m<sup>3</sup>**

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates as the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY:**

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

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

**CHARACTER OF SERVICE:**

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

**DISTRIBUTION RATES:**

<b>Monthly Customer Charge <sup>(1)</sup></b>	<b>\$528.96</b>
<b>Monthly Contract Demand Charge Firm</b>	<b>29.0702 ¢/m<sup>3</sup></b>
<b>Interruptible Service:</b>	
<b>Minimum Delivery Charge</b>	<b>0.4254 ¢/m<sup>3</sup></b>
<b>Maximum Delivery Charge</b>	<b>1.1469 ¢/m<sup>3</sup></b>
<b>Direct Purchase Administration Charge</b>	<b>\$79.05</b>
<b>Forecast Unaccounted For Gas Percentage</b>	<b>0.9%</b>

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

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

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

**TERMS AND CONDITIONS OF SERVICE:**

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

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

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

**3. Nominations:**

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

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

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

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

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

**4. Authorized Demand Overrun:**

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

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

**5. Unauthorized Demand Overrun:**

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

**6. Unauthorized Supply Overrun:**

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

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

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

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

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**7. Unauthorized Supply Underrun:**

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

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

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

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

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

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

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

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

1.055056 = Conversion factor from mmBtu to GJ.

0.03853 = Conversion factor from GJ to cubic metres.

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

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

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

**Term of Contract:**

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

**Right to Terminate Service:**

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

**Load Balancing:**

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

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**LOAD BALANCING PROVISIONS:**

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

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

**Definitions:**

**Aggregate Delivery:**

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

**Applicable Delivery Area:**

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

**Primary Delivery Area:**

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

**Secondary Delivery Area:**

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

**Actual Consumption:**

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

**Net Available Delivery:**

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

**Daily Imbalance:**

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

**Cumulative Imbalance:**

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

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**Maximum Contractual Imbalance:**

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

**Winter and Summer Seasons:**

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

**Operational Flow Order:**

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

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

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

**Daily Balancing Fee:**

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

$(\text{Tier 1 Quantity} \times \text{Tier 1 Fee}) + (\text{Tier 2 Quantity} \times \text{Tier 2 Fee}) + (\text{Applicable Penalty Fee for Imbalance in excess of the Maximum Contractual Imbalance} \times \text{the amount of Daily Imbalance in excess of the Maximum Contractual Imbalance})$

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

Tier 1 = Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance and shall be subject to a charge of 0.8948 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.0738 cents/m3

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

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

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

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

**Cumulative Imbalance Charges:**

Customers may trade Cumulative Imbalances within a delivery area.

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

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

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

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

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

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

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

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

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

**CHARACTER OF SERVICE:**

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

The service is available on two bases:

- (1) Service nominated daily based on the available capacity and gas in storage up to the maximum contracted daily deliverability; and
- (2) No-Notice Storage Service for daily Load Balancing consistent with the maximum hourly deliverability.

**RATE:**

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

<b>Monthly Customer Charge:</b>	<b>\$158.39</b>
<b>Storage Reservation Charge:</b>	
<b>Monthly Storage Space Demand Charge</b>	<b>0.0537 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>23.1985 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.2706 ¢/m<sup>3</sup></b>

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

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

**FUEL RATIO REQUIREMENT:**

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

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

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

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

**TERMS AND CONDITIONS OF SERVICE:**

**1. Nominated Storage Service:**

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

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

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

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

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

**2. No-Notice Storage Service:**

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

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

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

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RATE NUMBER: **315**

**Other provisions:**

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

**Term of Contract:**

A minimum of one year.

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

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

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

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

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

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

**CHARACTER OF SERVICE:**

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

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

**RATE:**

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

<b>Monthly Customer Charge:</b>	<b>\$158.39</b>
<b>Storage Reservation Charge:</b>	
<b>Monthly Storage Space Demand Charge</b>	<b>0.0537 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>5.5775 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.1015 ¢/m<sup>3</sup></b>

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

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

**FUEL RATIO REQUIREMENT:**

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

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

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

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**TERMS AND CONDITIONS OF SERVICE:**

**Nominated Storage Service:**

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

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

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

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

The customer may transfer the title of gas in storage.

**Other provisions:**

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

**Term of Contract:**

A minimum of one year.

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

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

	Billing Month January to December
<b>Gas Supply Charge</b> Per cubic metre of gas sold	<b>16.6330 ¢/m<sup>3</sup></b>

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

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2022 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070, effective April 1, 2021.

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**APPLICABILITY AND CHARACTER OF SERVICE:**

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

**RATE:**

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

	<b>Transmission &amp; Compression \$/10<sup>3</sup>m<sup>3</sup></b>	<b>Pool Storage \$/10<sup>3</sup>m<sup>3</sup></b>
<b>Demand Charge for:</b>		
Annual Turnover Volume	<b>0.2186</b>	<b>0.2065</b>
Maximum Daily Withdrawal Volume	<b>24.0623</b>	<b>22.9553</b>
<b>Commodity Charge</b>	<b>0.8796</b>	<b>0.1275</b>

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

**FUEL RATIO REQUIREMENT:**

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

**MINIMUM BILL:**

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

**EXCESS VOLUME AND OVERRUN RATES:**

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

**TERMS AND CONDITIONS OF SERVICE:**

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

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	<b>Excess Volume Charge \$/10<sup>3</sup>m<sup>3</sup> / Year</b>	<b>Overrun Charge \$/10<sup>3</sup>m<sup>3</sup> / Day</b>
<b>Transmission &amp; Compression</b>		
Authorized	<b>2.8858</b>	<b>0.7911</b>
Unauthorized	-	<b>317.6224</b>
<b>Pool Storage</b>		
Authorized	<b>2.7251</b>	<b>0.7547</b>
Unauthorized	-	<b>303.0098</b>

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

**BILLING ADJUSTMENT:**

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

**TERMS AND EXPRESSIONS:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

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

	Firm \$/10 <sup>3</sup> m <sup>3</sup>	Full Cycle Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	Short Cycle \$/10 <sup>3</sup> m <sup>3</sup>
<b>Monthly Demand Charge per unit of Annual Turnover Volume:</b>			
Minimum	0.4251	0.4251	-
Maximum	2.1255	2.1255	-
<b>Monthly Demand Charge per unit of Contracted Daily Withdrawal:</b>			
Minimum	47.0176	37.6141	-
Maximum	235.0880	188.0704	-
<b>Commodity Charge per unit of gas delivered to / received from storage:</b>			
Minimum	1.0071	1.0071	0.3818
Maximum	5.0353	5.0353	41.5642

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

**FUEL RATIO REQUIREMENT:**

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

**TRANSACTING IN ENERGY:**

The conversion factor is 37.74MJ/m<sup>3</sup>, which corresponds to Union Gas' System Wide Average Heating Value, as per the Board's RP-1999-0017 Decision with Reasons.

**MINIMUM BILL:**

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

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RATE NUMBER: **330**

**OVERRUN RATES:**

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

	Firm \$/10 <sup>3</sup> m <sup>3</sup>	Full Cycle Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	Short Cycle \$/10 <sup>3</sup> m <sup>3</sup>
<b>Authorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Negotiable, not to exceed:</b>	<b>41.5642</b>	<b>41.5642</b>	<b>41.5642</b>
<b>Authorized Overrun</b>			
<b>Daily Injection/Withdrawal</b>			
<b>Negotiable, not to exceed:</b>	<b>41.5642</b>	<b>41.5642</b>	<b>41.5642</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Excess Storage Balance</b>			
<b>Excess Storage Balance</b>	<b>415.6418</b>	<b>415.6418</b>	<b>415.6418</b>
<b>December 1 - October 31</b>	<b>41.5642</b>	<b>41.5642</b>	<b>41.5642</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Negative Storage Balance</b>			

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

The following rates, effective January 1, 2022, shall apply in respect of FT and IT Service under this Rate Schedule:

	Demand Rate \$/10 <sup>3</sup> m <sup>3</sup>	Commodity Rate \$/10 <sup>3</sup> m <sup>3</sup>
<b>FT Service</b>	<b>5.9586</b>	-
<b>IT Service</b>	-	<b>0.2280</b>

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

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

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

**TERMS AND CONDITIONS OF SERVICE:**

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

**EFFECTIVE DATE:**

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

**APPLICABILITY:**

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

**CHARACTER OF SERVICE:**

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

**RATE:**

The following charges, effective January 1, 2022, shall apply for transportation service under this Rate Schedule:

<b>Monthly Contract Demand Charge</b>	<u>\$/GJ</u> <b>\$1.2750</b>	<u>\$/103m3</u> <b>49.1269</b>
<b>Authorized Overrun Charge</b>	<u>\$/GJ</u> <b>\$0.0503</b>	<u>\$/103m3</u> <b>1.9382</b>

The Monthly Contract Demand charge is equal to the Daily Contract Demand of \$0.0419 per GJ or \$1.6151 per 10<sup>3</sup>m<sup>3</sup>.

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

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

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

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

**TERMS AND CONDITIONS OF SERVICE:**

The terms and conditions of transportation service are set out in the Tariff.

The provisions of Parts I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 332 transportation service.

**EFFECTIVE DATE:**

The Tariff was approved by the Board in Board Order EB-2016-0028 available on the Company's website.

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**APPLICABILITY:**

To any Renewable Natural Gas producer ("Applicant") who enters into a Service Agreement ("Agreement") with the Company for Renewable Natural Gas injection services located on or adjacent to the property employed by the Applicant for producing Renewable Natural Gas in an area served by the Company's Gas Distribution Network. Renewable Natural Gas Injection Service under this Schedule is conditioned upon arrangements mutually satisfactory to the Applicant and the Company for design, location, construction, and operation of required facilities.

**RATE:**

The Company will set a rate based on the Applicant's unique circumstances ("Service Fee"). The Service Fee shall be based on a cost-of-service calculation of the Company's fully-allocated direct and indirect costs using the Company's weighted average cost of capital ("WACC") of providing the services under the Agreement for a period of time agreed to between the Company and the Applicant. The Service Fee for Renewable Natural Gas Injection Services will be derived from a Discounted Cash Flow ("DCF") analysis. The DCF analysis will be based on the principles and parameters set out in the Ontario Energy Board's EBO 188 feasibility guideline (the "Guideline"). The Service Fee for Renewable Natural Gas Injection Services is a site specific levelized (constant) service fee applicable to each month of the term of the Agreement. The Service Fee is set so as to recover all costs associated with the provision of service such as, but not limited to; operating and maintenance costs, depreciation, cost of debt the Company's return on investment and related taxes. The Service Fee will be calculated such that the application of the application of the Guideline is forecast to result in a Profitability Index of equal to or greater than 1.02 over the service life of the plant and facilities required to provide this service.

**TERMS AND CONDITIONS OF SERVICE:**

To be set out in the Service Agreement.

**EFFECTIVE DATE:**

This rate schedule is in effect as of January 1, 2020.

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Applicants located off the piping networks noted below or off piping systems supplied from these networks may be curtailed to maintain distribution system integrity.

The Town of Collingwood  
The Town of Midland

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**APPLICABILITY:**

This rider is applicable to any Applicant who enters into Gas Transportation Agreement with the Company under any rate other than Rates 125 and 300.

**MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:**

<b>Fixed Charge</b>	\$79.05 per month
<b>Account Charge</b>	\$0.22 per month per account

**NOTICE OF SWITCH LETTER SERVICE CHARGE:** \$2.11

**AVERAGE COST OF TRANSPORTATION:**

The average cost of transportation effective January 1, 2022:

<b>Service Type:</b>	<b>Point of Acceptance</b>	<b>Firm Transportation (FT)</b>
T-Service:	CDA, EDA	4.0436 ¢/m <sup>3</sup>
Dawn T-Service:	CDA, EDA	0.9704 ¢/m <sup>3</sup>

**TCPL FT CAPACITY TURNBACK:****APPLICABILITY:**

To Ontario T-Service and Western T-Service customers who have been or will be assigned TCPL capacity by the Company.

**TERMS AND CONDITIONS OF SERVICE:**

1. The Company will accommodate TCPL FT capacity turnback requests from customers, but only if it can do so in accordance with the following considerations:
  - i. The FT capacity to be turned back must be replaced with alternative, contracted firm transportation (primary capacity or assignment) of equivalent quality to the TCPL FT capacity;
  - ii. The amount of turnback capacity that Enbridge otherwise may accommodate may be reduced to address the impact of stranded costs, other transitional costs or incremental gas costs resulting from the loss of STS capacity arising from any turnback request; and
  - iii. Enbridge must act in a manner that maintains the integrity and reliability of the gas distribution system and that respects the sanctity of contracts.
2. Requests for TCPL FT turnback must be made in writing to the attention of Enbridge's Direct Purchase group.
3. All TCPL FT capacity turnback requests will be treated on an equitable basis.
4. The percentage turnback of TCPL FT capacity will be applied at the Direct Purchase Agreement level.

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January 1, 2022

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- 5. Written notice to turnback capacity must be received by the Company the earlier of:
  - (a) Sixty days prior to the expiry date of the current contract.

or

  - (b) A minimum of one week prior to the deadline specified in TransCanada tariff for FT contract extension.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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**APPLICABILITY:**

This rider is applicable to any Applicant who entered into a Gas Purchase Agreement with the Company, prior to April 1, 1999, to sell to the Company a supply of natural gas.

**MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:**

<b>Fixed Charge</b>	\$79.05 per month
<b>Account Charge</b>	\$0.22 per month per account

**NOTICE OF SWITCH LETTER SERVICE CHARGE:** \$2.11

**BUY / SELL PRICE:**

In Buy/Sell Arrangements between the Company and an Applicant, the Company shall buy the Applicants gas at the Company's actual FT-WACOG price determined on a monthly basis in the manner approved by the Ontario Energy Board. For Western Buy/Sell arrangements the FT-WACOG price shall be reduced by pipeline transmission costs.

**FT FUEL PRICE:**

The FT fuel price used to establish the Buy price in Western Buy/Sell arrangements without fuel will be determined monthly based upon the actual FT-WACOG.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2022. This rate schedule is effective January 1, 2022 and replaces the identically numbered rate schedule that specifies implementation date, April 1, 2021 and that indicates the Board Order, EB-2021-0070 effective April 1, 2021.

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RIDER:

**C**

**GAS COST ADJUSTMENT RIDER**

EFFECTIVE DATE:

January 1, 2022

IMPLEMENTATION DATE:

January 1, 2022

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REPLACING RATE EFFECTIVE:

April 1, 2021





RIDER: **C**

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RIDER: **C**

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**Bundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 1	0.0000
Rate 6	0.0000
Rate 9	0.0000
Rate 100	0.0000
Rate 110	0.0000
Rate 115	0.0000
Rate 135	0.0000
Rate 145	0.0000
Rate 170	0.0000
Rate 200	0.0000

**Unbundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 125 - per m <sup>3</sup> of contract demand	0.0000
Rate 300 - per m <sup>3</sup> of contract demand	0.0000
Rate 300 (Interruptible)	0.0000

RIDER:

**E**

**REVENUE ADJUSTMENT RIDER**

EFFECTIVE DATE:

January 1, 2022

IMPLEMENTATION DATE:

January 1, 2022

BOARD ORDER:

EB-2021-0147

REPLACING RATE EFFECTIVE:

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The following elevation factors shall be applicable to metered volumes measured by a meter that does not correct for atmospheric pressure.

<b>Zone</b>	<b>Elevation Factor</b>
1	0.9644
2	0.9652
3	0.9669
4	0.9678
5	0.9686
6	0.9703
7	0.9728
8	0.9745
9	0.9762
10	0.9771
11	0.9839
12	0.9847
13	0.9856
14	0.9864
15	0.9873
16	0.9881
17	0.9890
18	0.9898
19	0.9907
20	0.9915
21	0.9932
22	0.9941
23	0.9949
24	0.9958
25	0.9960
26	0.9966
27	0.9975
28	0.9981
29	0.9983
30	0.9992
31	0.9997
32	1.0000
33	1.0017
34	1.0025
35	1.0034
36	1.0051
37	1.0059
38	1.0170

	<u>Rate</u> (excluding HST)
<u>New Account Or Activation</u>	
New Account Charge	\$25.00
Turning on of gas, activating appliances, obtaining billing data and establishing an opening meter reading for new customers in premises where gas has been previously supplied	
Appliance Activation Charge - Commercial Customers Only	\$70.00
Commercial customers are charged an appliance activation minimum 1/2 hour work. Total Amount depends on time required	
Meter Unlock Charge - Seasonal or Pool Heater	\$70.00
Seasonal for all other revenue classes, or Pool Heater for residential only	
<u>Statement of Account</u>	
Lawyer Letter Handling Charge	\$15.00
Provide the customer's lawyer with gas bill information.	
Statement of Account Charge (for one year history)	\$10.00
<u>Cheques Returned Non-Negotiable Charge</u>	\$20.00
<u>Gas Termination</u>	
Red Lock Charge	\$70.00
Locking meter or shutting off service by closing the street shut-off valve (when work can be performed by Field Collector)	
Removal of Meter	\$280.00
Removing meter by Construction & Maintenance crew	
Cut Off At Main Charge	\$1,300.00
Cutting service off at main by Construction & Maintenance Crew	
Valve Lock Charge	
Shutting off service by closing the street shut-off valve - work performed by Field Investigator	
	\$135.00
- work performed by Construction & Maintenance	
	\$280.00
<u>Safety Inspection</u>	
Inspection Charge	\$70.00
For inspection of gas appliances; the Company provides only one inspection free of charge, upon first time introduction of gas to a premise.	
Inspection Reject Charge (safety inspection)	\$70.00
Energy Board Inspection rejects are billed to the meter installer or homeowner.	

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Meter Test

Meter Test Charge

When a customer disputes the reading on his/her meter, he/she may request to have the meter tested. This charge will apply if the test result confirms the meter is recording consumption correctly.

Residential meters \$105.00

Non-Residential meters Time & Material  
per Contractor

Street Service Alteration

Street Service Alteration Charge \$32.00

For installation of service line beyond allowable guidelines (for new residential services only)

NGV Rental

NGV Rental Cylinder (weighted average) \$12.00

Other Customer Services (ad-hoc request)

and Third Party Services (damages investigation and repair)

Labour Hourly Charge-Out Rate \$140.00

Other Services (including ad-hoc customer requests and charges to customers and third parties for responding, investigating and repairing damages to Company facilities)

Cut Off At Main Charge - Commercial & Special Requests custom quoted

Cut Off At Main charges for commercial services and other residential services that involve significantly more work than the average will be custom quoted.

Cut Off At Main Charge - Other Customer Requests \$1,300.00

Other residential Cut Off At Main requests due to demolitions, fires, inactive services, etc. will be charged at the standard COAM rate.

Meter In-Out (Residential Only) \$280.00

Relocate the meter from inside to outside per customer request

Request For Service Call Information \$30.00

Provide written information of the result of a service call as requested by home owners.

Temporary Meter Removal \$280.00

As requested by customers.

Damage Meter Charge \$380.00

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**APPLICABILITY:**

This rider is applicable to any Applicant who enters into Gas Delivery Agreement with the Company under any rate.

**IN FRANCHISE TITLE TRANSFER SERVICE:**

In any Gas Delivery Agreement between the Company and the Applicant, an Applicant may elect to initiate a transfer of natural gas from one of its pools to the pool of another Applicant for the purposes of reducing an imbalance between the Applicant's deliveries and consumption as recorded in its Banked Gas Account or Cumulative Imbalance Account. Elections must be made in accordance with the Company's policies and procedures related to transaction requests under the Gas Delivery Agreement.

The Company will not apply an Administration charge for transfers between pools that have similar Points of Acceptance (i.e. both Ontario, both Western, or both Dawn Points of Acceptance). For transfers between pools that have dissimilar Points of Acceptance (i.e. one Ontario and one Western Point of Acceptance or, one Western and one Dawn point of Acceptance), the Company will apply the following Administration Charge per transaction to the pool transferring the natural gas (i.e. the seller or transferor).

**Administration Charge:** \$169.00 per transaction

Also, the applicable average cost of transportation as per Rider A for the transferred volume is charged to the pool with a Western or Dawn Point of Acceptance for transfers to a pool with an Ontario Point of Acceptance. The average cost of transportation as per Rider A for the transferred volume is remitted to the pool with a Western or Dawn Point of Acceptance for transfers from a pool with an Ontario Point of Acceptance. The applicable average cost of transportation as per Rider A is adjusted for transfers between Western and Dawn Points of Acceptance, so that the seller pool (transferor) is charged the applicable cost per volume transferred and the buyer pool or (recipient) is remitted at the applicable cost per volume transferred.

**ENHANCED TITLE TRANSFER SERVICE:**

In any Gas Delivery Agreement between the Company and the Applicant, the Applicant may elect to initiate a transfer of natural gas between the Company and another utility, regulated by the Ontario Energy Board, at Dawn for the purposes of reducing an imbalance between the customer's deliveries and consumption within the Enbridge Gas Distribution franchise areas. The ability of the Company to accept such an election may be constrained at various points in time for customers obtaining services under any rate other than Rate 125 or 300 due to operational considerations of the Company.

The cost for this service is separated between an Administration Charge that is applicable to all Applicants and a Bundled Service Charge that is only applicable to Applicants obtaining services under any rate other than Rate 125 or 300.

**Administration Charge:**

Base Charge \$50.00 per transaction  
Commodity Charge \$0.5035 per 10<sup>3</sup>m<sup>3</sup>

**Bundled Service Charge:**

The Bundled Service Charge shall be equal to the absolute difference between the Eastern Zone and Southwest Zone Firm Transportation tolls approved by the National Energy Board for TCPL at a 100% Load Factor.

Also, the average cost of transportation as per Rider A for the transferred volume is charged to the Applicant with a Western Point of Acceptance for transfers to another party. The average cost of transportation as per Rider A for the transferred volume is remitted to the Applicant with a Western Point of Acceptance for transfers from another party.

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**GAS IN STORAGE TITLE TRANSFER:**

An Applicant that holds a contract for storage services under Rate 315 or 316 may elect to initiate a transfer of title to the natural gas currently held in storage between the storage service and another storage service held by the Applicant, or any other Applicant that has contracted with the Company for storage services under Rate 315 or 316. The service will be provided on a firm basis up to the volume of gas that is equivalent to the more restrictive firm withdrawal and injection parameters of the two parties involved in the transfer. Transfer of title at rates above this level may be done on at the Company's discretion.

For Applicants requesting service between two storage service contracts that have like services, each party to the request shall pay an Administration Charge applicable to the request. Services shall be considered to be alike if the injection and deliverability rate at the ratchet levels in effect at the time of the request are the same and both services are firm or both services are interruptible. In addition to like services, the Company, at its sole discretion based on operational conditions, will also allow for the transfer of gas from a storage service contract that has a level of deliverability that is higher than the level of deliverability of the storage service contract the gas is being transferred to with only the Administration Charge being applicable to each party.

In addition to the Administration Charge, Applicants requesting service between two storage service contracts not addressed in the preceding paragraph would be subject to the injection and withdrawal charges specified in their contracts.

**Administration Charge:** \$25.00 per transaction

**APPLICABILITY:**

This Rider is applicable to the Terminal Location of any Applicant who, pursuant to any Rate Schedules 1 and 6, receives gas distribution services from the Company as part of a Community Expansion Project, Small Main Extension or Customer Attachment Project, as defined below. The System Expansion Surcharge and Temporary Connection Surcharge are in addition to the rates charged pursuant to the applicable Rate Schedules.

**SYSTEM EXPANSION SURCHARGE (SES):** \$ 0.23 /m<sup>3</sup>  
**TEMPORARY CONNECTION SURCHARGE (TCS):** \$ 0.23 /m<sup>3</sup>

SES and TCS additional terms and conditions:

- a) The Company may apply the SES for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy;
- b) The Company may require payment of a CIAC or apply the TCS for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy;
- c) The Community Expansion Projects to which the SES apply are set out below. The Company will publish the geographic location, effective date and term of TCS project areas on the Company's website. Subject to d) below, the SES and TCS will apply to all Terminal Locations within the geographic location for the term, notwithstanding any change of ownership or occupancy; and
- d) The Company's estimated annual supply of gas at the Terminal Location must be no more than 50,000 m<sup>3</sup>. For any Terminal Location with an estimated annual supply of gas greater than 50,000 m<sup>3</sup>, the customer may elect to pay the SES or TCS, as applicable, or pay a CIAC.

**GLOSSARY OF TERMS:**

**Community Expansion Project** – A natural gas system expansion project undertaken by the Company for which the PI is less than 1.0 and which will provide first-time natural gas system access to a minimum of 50 potential customers.

**Contribution in Aid of Construction (CIAC)** - The Company's calculation in accordance with its feasibility policy of the amount of customer financial contributions required to reduce the capital cost of a project to serve one or more customers so that the project becomes feasible.

**Small Main Extension and Customer Attachment Projects** – A natural gas system extension or expansion projects undertaken by the Company for which the PI is less than 1.0 and which will provide natural gas system access to less than 50 potential customers.

**Profitability Index (PI)** – The Company's calculation in accordance with its feasibility policy of the ratio of the net present value (NPV) of the net cash inflows to the NPV of the net cash outflows for a natural gas system expansion or extension project undertaken by the Company.

**COMMUNITY EXPANSION PROJECTS AND EFFECTIVE DATES:**

Community Expansion Project Description	In-service Date	SES initial Term	Board Order Number
Town of Fenelon Falls	TBD	40 years	EB-2017-0147
Scugog Island	TBD	40 years	EB-2017-0261



Rate Class	Federal Carbon Charge (If Applicable) ( ¢/m <sup>3</sup> )	Facility Carbon Charge ( ¢/m <sup>3</sup> )
Rate 1	5.8700	0.0049
Rate 6	5.8700	0.0049
Rate 9	5.8700	0.0049
Rate 100	5.8700	0.0049
Rate 110	5.8700	0.0049
Rate 115	5.8700	0.0049
Rate 125	5.8700	0.0049
Rate 135	5.8700	0.0049
Rate 145	5.8700	0.0049
Rate 170	5.8700	0.0049
Rate 200	0.0000	0.0049
Rate 300	5.8700	0.0049
Rate 300 (Interruptible)	5.8700	0.0049
Rate 315	0.0000	0.0049
Rate 316	0.0000	0.0049
Rate 320	0.0000	0.0000
Rate 325	0.0000	0.0049
Rate 330	0.0000	0.0049
Rate 331	0.0000	0.0049
Rate 332	0.0000	0.0049

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The following charge of one dollar per month is applicable to customers taking service within rate classes listed below.

<u>Rate Class</u>	<u>Monthly Charge per Customer</u>
Rate 1	\$1.00
Rate 6	\$1.00
Rate 100	\$1.00
Rate 110	\$1.00
Rate 115	\$1.00
Rate 125	\$1.00
Rate 135	\$1.00
Rate 145	\$1.00
Rate 170	\$1.00
Rate 300	\$1.00

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RIDER:

**L**

**Voluntary RNG Program Charge**

**APPLICABILITY:**

This rider is applicable to System Sales Service customers in the below rate classes who elect to participate in the Company's Voluntary RNG Program to fund the incremental cost of the Company's purchase of renewable natural gas ("RNG") as part of System Supply. The charge is a fixed monthly amount that applies (i) to the customer and not to the terminal location or address; and (ii) whether or not the customer consumes gas within the month.

**RATE:**

<u>Rate Class</u>	<u>Monthly Charge per Customer</u>
Rate 1	\$2.00
Rate 6	\$2.00

**MINIMUM TERM:**

The minimum term available is one complete billing month renewing automatically monthly until terminated by the customer or until the Company terminates the Voluntary RNG Program, whichever occurs earlier. Any termination will be effective as of the next billing cycle for the customer.

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**APPLICABILITY:**

This Rider is applicable to the Terminal Location of any Applicant who, pursuant to any Rate Schedule, receives gas distribution services from the Company as part of a Hydrogen Blending Pilot Project listed below. The Hydrogen Gas Rider will compensate customers in the applicable Blended Gas Area for costs associated with increased gas consumption resulting from a lower heating value of the gas and is in addition to the rate charged pursuant to the applicable Rate Schedule.

**HYDROGEN GAS RIDER FOR CUSTOMERS IN THE BLENDED GAS AREA:**

**Rate 1: A credit of \$10.00 per year per Terminal Location**

**Rate 6: A credit of \$86.00 per year per Terminal Location**

**HYDROGEN BLENDING PILOT PROJECT AND EFFECTIVE DATE:**

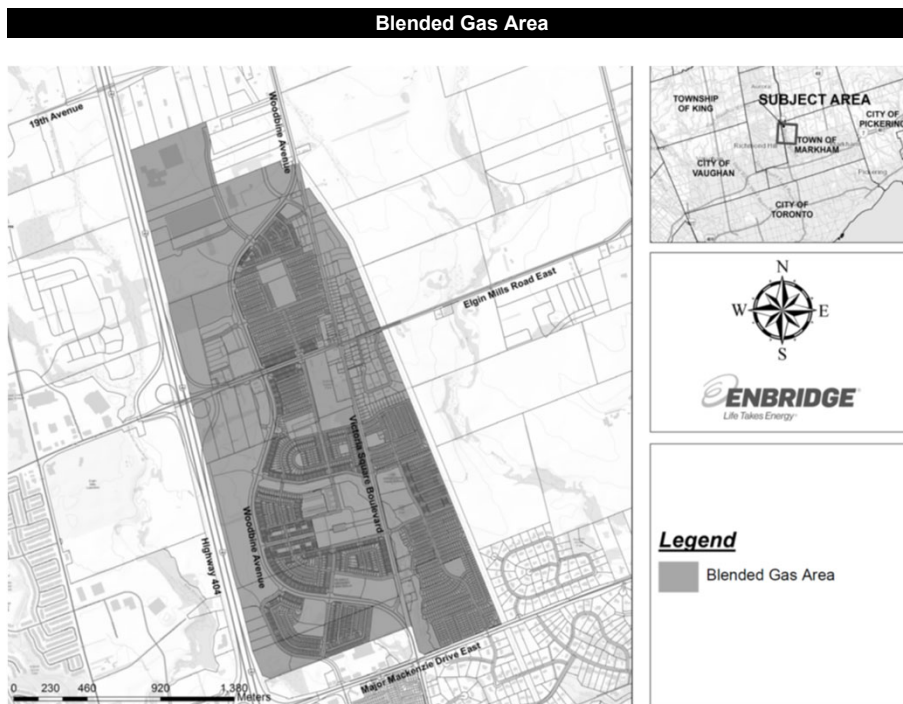
Description	In-service Date	Term	Board Order Number
Hydrogen Blending Pilot Project Markham (see map below)	August 1, 2021	To be reviewed annually and updated if there is a material change in the price of natural gas.	EB-2019-0294

**GLOSSARY OF TERMS:**

**Hydrogen Blending Pilot Project:**

- A project for which the Company blends its standard gas supply with up to 2% of hydrogen gas (blended gas) for distribution within an isolated portion the Gas Distribution Network called the Blended Gas Area.

**Markham Blended Gas Area Map:**



EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 1 of 1
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ENBRIDGE GAS INC.  
EGD RATE ZONE

Placeholder for Customer Notices

EGD Rate Zone  
2022 Rates  
Overview of Enbridge Working Papers

- Schedule 1 Summary of 2022 Proposed Delivery Revenue Change - This schedule summarizes the changes in total revenue from approved 2021 to proposed 2022.
- Schedule 2 Delivery Revenue Continuity - This schedule provides the rate class-specific 2022 revenue adjustments to arrive at the final 2022 delivery revenue.
- Schedule 3 Typical Customer Bill Impacts - This schedule provides illustrative customer bill impacts.
- Schedule 4 N/A.  
  
Intentionally Left Blank
- Schedule 5 Derivation of 2022 Base Delivery Rates - This schedule provides detailed support for the proposed base 2022 delivery rate adjustments inclusive of price cap index (PCI) and average use (AU) and LRAM volume adjustments.
- Schedule 6 2022 Proposed Rates - This schedule provides support for the derivation of 2022 proposed rates which include 2021 base delivery rates from Schedule 5 plus proposed 2022 Y-factor rates (2020 Demand Side Management DSM) unit rates.  
  
Summary of Proposed Unit Rate Changes by Rate Class - This schedule provides the detailed summary of the proposed distribution unit rate changes by rate class.
- Schedule 7 Summary of Approved Delivery Revenue Changes - This schedule summarizes the approved revenue changes that occurred in 2021 (Inclusive of Final Rate Order and 2021 QRAMs).
- Schedule 8 2021 and 2022 DSM Budget Allocation by Rate Class - This schedule provides the 2021 and 2022 DSM Budget and calculation of 2022 DSM unit rates.



Schedule 9 N/A

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Schedule 10 Calculation of 2022 Average Use (AU) Percentage Change - This schedule provides the calculation of the AU percentage change used to adjust billing units for general service customers (Rate 1 and 6).

Schedule 11 LRAM Volume Adjustment - This schedule provides the LRAM-related volume adjustments by contract rate class included in the 2022 rate calculations.

EGD Rate Zone  
Proposed Changes in Revenue Effective January 1, 2022

Line No.	Particulars	(\$000s)
<u>Summary Change in Revenue:</u>		
1	2021 Approved Revenue (EB-2020-0095)	1,276,136 (1)
2	2022 Proposed Revenue	<u>1,293,067 (2)</u>
3	Net change (Line 2 - Line 1)	16,931
<u>Detailed Change in Revenue:</u>		
4	2021 DSM	(67,757) (3)
5	Revenue Escalation	16,931 (4)
6	2022 DSM	<u>67,757 (5)</u>
7	Total Excluding Incremental Capital Module ("ICM") Net Change (Sum of Line 4 to Line 6)	16,931
8	2022 ICM Funding Request	<u>(Note 6)</u>
9	Total (Line 7 + Line 8)	<u><u>16,931</u></u>

Note:

- (1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 1, Col. (e), Line 19.
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 2, Col. (e), Line 15.
- (3) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (g), Line 19 .
- (4) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 2, Col. (c), Line 15.
- (5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 2, Col. (b), Line 16.
- (6) 2022 ICM funding request will be filed on a subsequent date as part of this application.

EGD Rate Zone  
Summary of Revenue Change by Rate Class  
Effective January 1, 2022

Line No.	Particulars (\$000s)	Current Approved Revenue (1) (a)	2021 DSM Revenue (2) (b)	Price Cap Index (3) (c)	2022 DSM Revenue (4) (d)	Total Proposed Revenue (e) = (a+b+c+d)
1	Rate 1	859,506	(39,406)	11,465	39,406	870,971
2	Rate 6	352,187	(21,074)	4,621	21,074	356,808
3	Rate 9	3	(3)	-	3	3
4	Rate 100	2.08	-	-	-	2
5	Rate 110	18,495	(1,752)	233	2,208	19,184
6	Rate 115	6,303	(1,319)	77	1,319	6,380
7	Rate 125	11,847	(110)	161	110	12,009
8	Rate 135	1,225	(255)	14	255	1,239
9	Rate 145	1,361	(1,597)	13	1,147	924
10	Rate 170	2,248	(2,195)	24	2,195	2,273
11	Rate 200	2,902	(38)	41	38	2,943
12	Rate 300	60	(7)	1	2	55
13	Rate 332	18,116	-	253	-	18,369
14	Storage	1,881	-	26	-	1,907
15	Total	1,276,136	(67,757)	16,931	67,757	1,293,067

Notes:

- (1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2. Col. (f).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2. Col. (g).
- (3) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Col. (d) total line for all rate classes.
- (4) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 1. Column (a).

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Heating &amp; Water Htg.</b>										
<b>Heating, Water Htg. &amp; Other Uses</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	253.44	249.96	3.48	1.4%	253.44	249.96	3.48	1.4%
1.3	DISTRIBUTION CHG.	\$	270.98	265.78	5.20	2.0%	408.55	400.76	7.79	1.9%
1.4	LOAD BALANCING	§ \$	156.29	156.12	0.16	0.1%	239.28	239.03	0.25	0.1%
1.5	SALES COMMDTY	\$	366.27	366.23	0.03	0.0%	560.75	560.70	0.05	0.0%
1.6	TOTAL SALES	\$	1,046.98	1,038.10	8.88	0.9%	1,462.02	1,450.45	11.57	0.8%
1.7	TOTAL T-SERVICE	\$	680.71	671.87	8.85	1.3%	901.27	889.75	11.52	1.3%
1.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3417	0.3388	0.0029	0.9%	0.3117	0.3092	0.0025	0.8%
1.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2222	0.2193	0.0029	1.3%	0.1921	0.1897	0.0025	1.3%
1.10	SALES UNIT RATE	\$/GJ	8.8685	8.7933	0.0752	0.9%	8.0889	8.0249	0.0640	0.8%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.7660	5.6911	0.0749	1.3%	4.9864	4.9227	0.0637	1.3%
<b>Heating Only</b>										
<b>Heating &amp; Water Htg.</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	253.44	249.96	3.48	1.4%	253.44	249.96	3.48	1.4%
2.3	DISTRIBUTION CHG.	\$	173.80	170.46	3.34	2.0%	180.85	177.35	3.50	2.0%
2.4	LOAD BALANCING	§ \$	99.72	99.62	0.10	0.1%	102.27	102.16	0.11	0.1%
2.5	SALES COMMDTY	\$	233.70	233.68	0.02	0.0%	239.67	239.65	0.02	0.0%
2.6	TOTAL SALES	\$	760.66	753.71	6.95	0.9%	776.24	769.12	7.11	0.9%
2.7	TOTAL T-SERVICE	\$	526.96	520.03	6.93	1.3%	536.56	529.47	7.09	1.3%
2.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3891	0.3855	0.0036	0.9%	0.3872	0.3836	0.0035	0.9%
2.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2695	0.2660	0.0035	1.3%	0.2676	0.2641	0.0035	1.3%
2.10	SALES UNIT RATE	\$/GJ	10.0982	10.0059	0.0923	0.9%	10.0480	9.9560	0.0921	0.9%
2.11	T-SERVICE UNIT RATE	\$/GJ	6.9957	6.9038	0.0920	1.3%	6.9455	6.8538	0.0918	1.3%

§ The Load Balancing Charge is included in the Delivery Charge in the applicable rate Schedule.

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Heating, Pool Htg. &amp; Other Uses</b>										
<b>General &amp; Water Htg.</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m <sup>3</sup>	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	253.44	249.96	3.48	1.4%	253.44	249.96	3.48	1.4%
3.3	DISTRIBUTION CHG.	\$	439.37	431.00	8.37	1.9%	102.07	100.06	2.01	2.0%
3.4	LOAD BALANCING	§ \$	257.49	257.22	0.27	0.1%	55.14	55.08	0.06	0.1%
3.5	SALES COMMDTY	\$	603.43	603.37	0.06	0.0%	129.22	129.21	0.01	0.0%
3.6	TOTAL SALES	\$	1,553.73	1,541.55	12.18	0.8%	539.87	534.31	5.56	1.0%
3.7	TOTAL T-SERVICE	\$	950.30	938.18	12.12	1.3%	410.65	405.10	5.55	1.4%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3078	0.3054	0.0024	0.8%	0.4994	0.4943	0.0051	1.0%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1883	0.1859	0.0024	1.3%	0.3799	0.3747	0.0051	1.4%
3.10	SALES UNIT RATE	\$/GJ	7.9884	7.9257	0.0626	0.8%	12.9618	12.8282	0.1336	1.0%
3.11	T-SERVICE UNIT RATE	\$/GJ	4.8859	4.8235	0.0623	1.3%	9.8594	9.7261	0.1333	1.4%

<b>Heating &amp; Water Htg.</b>										
<b>Heating &amp; Water Htg.</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
2.2	CUSTOMER CHG.	\$	253.44	249.96	3.48	1.4%	253.44	249.96	3.48	1.4%
2.3	DISTRIBUTION CHG.	\$	221.26	216.99	4.26	2.0%	214.17	210.05	4.13	2.0%
2.4	LOAD BALANCING	§ \$	126.50	126.37	0.13	0.1%	122.42	122.29	0.13	0.1%
2.5	SALES COMMDTY	\$	296.45	296.43	0.03	0.0%	286.89	286.86	0.03	0.0%
2.6	TOTAL SALES	\$	897.65	889.75	7.90	0.9%	876.92	869.16	7.76	0.9%
2.7	TOTAL T-SERVICE	\$	601.20	593.32	7.88	1.3%	590.03	582.30	7.74	1.3%
2.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3620	0.3588	0.0032	0.9%	0.3654	0.3622	0.0032	0.9%
2.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2424	0.2392	0.0032	1.3%	0.2458	0.2426	0.0032	1.3%
2.10	SALES UNIT RATE	\$/GJ	9.3941	9.3114	0.0827	0.9%	9.4831	9.3992	0.0840	0.9%
2.11	T-SERVICE UNIT RATE	\$/GJ	6.2917	6.2092	0.0824	1.3%	6.3807	6.2970	0.0837	1.3%

§ The Load Balancing Charge is included in the Delivery Charge in the applicable rate Schedule.

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Commercial Heating &amp; Other Uses</b>										
<b>Com. Htg., Air Cond'ng &amp; Other Uses</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	886.92	874.68	12.24	1.4%	886.92	874.68	12.24	1.4%
1.3	DISTRIBUTION CHG.	\$	1,654.94	1,586.08	68.85	4.3%	2,123.16	2,035.11	88.05	4.3%
1.4	LOAD BALANCING	§ \$	1,137.65	1,136.51	1.14	0.1%	1,473.41	1,471.94	1.47	0.1%
1.5	SALES COMMDTY	\$	2,707.37	2,707.04	0.33	0.0%	3,506.43	3,506.00	0.42	0.0%
1.6	TOTAL SALES	\$	6,386.87	6,304.31	82.56	1.3%	7,989.92	7,887.73	102.19	1.3%
1.7	TOTAL T-SERVICE	\$	3,679.50	3,597.27	82.23	2.3%	4,483.50	4,381.73	101.77	2.3%
1.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2825	0.2789	0.0037	1.3%	0.2729	0.2694	0.0035	1.3%
1.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1628	0.1591	0.0036	2.3%	0.1531	0.1497	0.0035	2.3%
1.10	SALES UNIT RATE	\$/GJ	7.3327	7.2379	0.0948	1.3%	7.0828	6.9922	0.0906	1.3%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.2244	4.1300	0.0944	2.3%	3.9744	3.8842	0.0902	2.3%
<b>Medium Commercial Customer</b>										
<b>Large Commercial Customer</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	886.92	874.68	12.24	1.4%	886.92	874.68	12.24	1.4%
2.3	DISTRIBUTION CHG.	\$	8,874.68	8,554.57	320.11	3.7%	16,226.40	15,670.68	555.72	3.5%
2.4	LOAD BALANCING	§ \$	8,533.25	8,524.70	8.54	0.1%	17,066.44	17,049.36	17.08	0.1%
2.5	SALES COMMDTY	\$	20,307.41	20,304.96	2.45	0.0%	40,614.70	40,609.80	4.90	0.0%
2.6	TOTAL SALES	\$	38,602.25	38,258.91	343.34	0.9%	74,794.46	74,204.52	589.94	0.8%
2.7	TOTAL T-SERVICE	\$	18,294.84	17,953.95	340.89	1.9%	34,179.76	33,594.72	585.04	1.7%
2.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2277	0.2256	0.0020	0.9%	0.2206	0.2188	0.0017	0.8%
2.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1079	0.1059	0.0020	1.9%	0.1008	0.0991	0.0017	1.7%
2.10	SALES UNIT RATE	\$/GJ	5.9086	5.8560	0.0526	0.9%	5.7241	5.6790	0.0451	0.8%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.8003	2.7481	0.0522	1.9%	2.6158	2.5711	0.0448	1.7%

§ The Load Balancing Charge is included in the Delivery Charge in the applicable rate Schedule.

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Industrial General Use</b>										
<b>Industrial Heating &amp; Other Uses</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m <sup>3</sup>	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	886.92	874.68	12.24	1.4%	886.92	874.68	12.24	1.4%
3.3	DISTRIBUTION CHG.	\$	2,931.44	2,812.77	118.67	4.2%	3,927.06	3,774.10	152.96	4.1%
3.4	LOAD BALANCING	§	2,178.31	2,176.13	2.18	0.1%	3,215.91	3,212.69	3.22	0.1%
3.5	SALES COMMDTY	\$	5,183.95	5,183.33	0.63	0.0%	7,653.23	7,652.31	0.92	0.0%
3.6	TOTAL SALES	\$	11,180.63	11,046.91	133.71	1.2%	15,683.12	15,513.78	169.34	1.1%
3.7	TOTAL T-SERVICE	\$	5,996.68	5,863.59	133.09	2.3%	8,029.89	7,861.47	168.42	2.1%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2583	0.2552	0.0031	1.2%	0.2454	0.2428	0.0026	1.1%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1385	0.1355	0.0031	2.3%	0.1257	0.1230	0.0026	2.1%
3.10	SALES UNIT RATE	\$/GJ	6.7039	6.6238	0.0802	1.2%	6.3696	6.3008	0.0688	1.1%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.5956	3.5158	0.0798	2.3%	3.2613	3.1929	0.0684	2.1%
<b>Medium Industrial Customer</b>										
<b>Large Industrial Customer</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	886.92	874.68	12.24	1.4%	886.92	874.68	12.24	1.4%
4.3	DISTRIBUTION CHG.	\$	9,091.31	8,759.18	332.13	3.8%	16,387.58	15,822.92	564.66	3.6%
4.4	LOAD BALANCING	§	8,533.25	8,524.70	8.54	0.1%	17,066.39	17,049.31	17.08	0.1%
4.5	SALES COMMDTY	\$	20,307.41	20,304.96	2.45	0.0%	40,614.58	40,609.68	4.90	0.0%
4.6	TOTAL SALES	\$	38,818.88	38,463.52	355.36	0.9%	74,955.47	74,356.58	598.89	0.8%
4.7	TOTAL T-SERVICE	\$	18,511.47	18,158.56	352.91	1.9%	34,340.89	33,746.90	593.99	1.8%
4.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2289	0.2268	0.0021	0.9%	0.2210	0.2193	0.0018	0.8%
4.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1092	0.1071	0.0021	1.9%	0.1013	0.0995	0.0018	1.8%
4.10	SALES UNIT RATE	\$/GJ	5.9417	5.8873	0.0544	0.9%	5.7365	5.6907	0.0458	0.8%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.8334	2.7794	0.0540	1.9%	2.6282	2.5827	0.0455	1.8%

§ The Load Balancing Charge is included in the Delivery Charge in the applicable rate Schedule.

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 100 - Small Commercial Firm</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>				<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,545.96	1,524.60	21.36	1.4%	1,545.96	1,524.60	21.36	1.4%
1.3	DISTRIBUTION CHG.	\$	14,294.35	14,105.85	188.50	1.3%	69,672.89	68,728.18	944.71	1.4%
1.4	LOAD BALANCING	\$	17,069.52	17,052.52	17.00	0.1%	30,122.69	30,092.69	30.00	0.1%
1.5	SALES COMMDTY	\$	40,622.25	40,617.34	4.91	0.0%	71,686.32	71,677.66	8.66	0.0%
1.6	TOTAL SALES	\$	73,532.09	73,300.32	231.77	0.3%	173,027.85	172,023.12	1,004.73	0.6%
1.7	TOTAL T-SERVICE	\$	32,909.84	32,682.98	226.86	0.7%	101,341.53	100,345.46	996.07	1.0%
1.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2168	0.2161	0.0007	0.3%	0.2891	0.2874	0.0017	0.6%
1.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0970	0.0964	0.0007	0.7%	0.1693	0.1676	0.0017	1.0%
1.10	SALES UNIT RATE	\$/GJ	5.6265	5.6088	0.0177	0.3%	7.5025	7.4589	0.0436	0.6%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.5182	2.5008	0.0174	0.7%	4.3942	4.3510	0.0432	1.0%
<b>Rate 100 - Large Industrial Firm</b>										
			<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>				<b>CHANGE</b>	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m <sup>3</sup>	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,545.96	1,524.60	21.36	1.4%				
2.3	DISTRIBUTION CHG.	\$	139,886.43	137,997.01	1,889.42	1.4%				
2.4	LOAD BALANCING	\$	75,487.00	75,411.82	75.18	0.1%				
2.5	SALES COMMDTY	\$	179,644.86	179,623.15	21.71	0.0%				
2.6	TOTAL SALES	\$	396,564.25	394,556.58	2,007.67	0.5%				
2.7	TOTAL T-SERVICE	\$	216,919.39	214,933.43	1,985.96	0.9%				
2.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2644	0.2630	0.0013	0.5%				
2.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1446	0.1433	0.0013	0.9%				
2.10	SALES UNIT RATE	\$/GJ	6.8616	6.8268	0.0347	0.5%				
2.11	T-SERVICE UNIT RATE	\$/GJ	3.7533	3.7189	0.0344	0.9%				



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 145 - Small Commercial Interr.</b>										
<b>Rate 145 - Average Commercial Interr.</b>										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,562.88	1,541.28	21.60	1.4%	1,562.88	1,541.28	21.60	1.4%
3.3	DISTRIBUTION CHG.	\$	21,766.91	18,639.12	3,127.78	16.8%	35,279.06	29,770.85	5,508.21	18.5%
3.4	LOAD BALANCING	\$	13,421.90	13,412.13	9.77	0.1%	23,686.09	23,669.02	17.07	0.1%
3.5	SALES COMMDTY	\$	40,434.22	40,431.92	2.31	0.0%	71,354.62	71,350.55	4.07	0.0%
3.6	TOTAL SALES	\$	77,185.91	74,024.45	3,161.46	4.3%	131,882.65	126,331.70	5,550.96	4.4%
3.7	TOTAL T-SERVICE	\$	36,751.69	33,592.53	3,159.16	9.4%	60,528.03	54,981.15	5,546.88	10.1%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2276	0.2182	0.0093	4.3%	0.2203	0.2111	0.0093	4.4%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1084	0.0990	0.0093	9.4%	0.1011	0.0919	0.0093	10.1%
3.10	SALES UNIT RATE	\$/GJ	5.9061	5.6642	0.2419	4.3%	5.7184	5.4777	0.2407	4.4%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.8121	2.5704	0.2417	9.4%	2.6245	2.3840	0.2405	10.1%
<b>Rate 145 - Small Industrial Interr.</b>										
<b>Rate 145 - Average Industrial Interr.</b>										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,562.88	1,541.28	21.60	1.4%	1,562.88	1,541.28	21.60	1.4%
4.3	DISTRIBUTION CHG.	\$	22,042.79	18,915.00	3,127.78	16.5%	35,523.26	30,015.05	5,508.20	18.4%
4.4	LOAD BALANCING	\$	13,421.90	13,412.13	9.77	0.1%	23,686.05	23,668.97	17.07	0.1%
4.5	SALES COMMDTY	\$	40,434.22	40,431.92	2.31	0.0%	71,354.50	71,350.43	4.07	0.0%
4.6	TOTAL SALES	\$	77,461.79	74,300.33	3,161.46	4.3%	132,126.69	126,575.74	5,550.95	4.4%
4.7	TOTAL T-SERVICE	\$	37,027.57	33,868.41	3,159.16	9.3%	60,772.18	55,225.31	5,546.87	10.0%
4.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2284	0.2191	0.0093	4.3%	0.2207	0.2115	0.0093	4.4%
4.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1092	0.0999	0.0093	9.3%	0.1015	0.0923	0.0093	10.0%
4.10	SALES UNIT RATE	\$/GJ	5.9272	5.6853	0.2419	4.3%	5.7290	5.4883	0.2407	4.4%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.8333	2.5915	0.2417	9.3%	2.6351	2.3946	0.2405	10.0%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 110 - Small Ind. Firm - 50% LF</b>										
<b>Rate 110 - Average Ind. Firm - 50% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
5.1	VOLUME	m <sup>3</sup>	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,442.64	7,339.92	102.72	1.4%	7,442.64	7,339.92	102.72	1.4%
5.3	DISTRIBUTION CHG.	\$	14,948.69	14,624.26	324.43	2.2%	245,122.63	239,774.56	5,348.07	2.2%
5.4	LOAD BALANCING	\$	25,418.82	25,410.50	8.31	0.0%	423,646.41	423,507.88	138.53	0.0%
5.5	SALES COMMDTY	\$	71,331.86	71,328.10	3.76	0.0%	1,188,862.88	1,188,800.27	62.61	0.0%
5.6	TOTAL SALES	\$	119,142.01	118,702.79	439.22	0.4%	1,865,074.56	1,859,422.64	5,651.93	0.3%
5.7	TOTAL T-SERVICE	\$	47,810.15	47,374.68	435.47	0.9%	676,211.69	670,622.36	5,589.32	0.8%
5.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.1990	0.1983	0.0007	0.4%	0.1870	0.1864	0.0006	0.3%
5.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0799	0.0791	0.0007	0.9%	0.0678	0.0672	0.0006	0.8%
5.10	SALES UNIT RATE	\$/GJ	5.1660	5.1469	0.0190	0.4%	4.8522	4.8375	0.0147	0.3%
5.11	T-SERVICE UNIT RATE	\$/GJ	2.0730	2.0542	0.0189	0.9%	1.7592	1.7447	0.0145	0.8%
<b>Rate 110 - Average Ind. Firm - 75% LF</b>										
<b>Rate 115 - Large Ind. Firm - 80% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
6.1	VOLUME	m <sup>3</sup>	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,442.64	7,339.92	102.72	1.4%	7,889.28	7,780.32	108.96	1.4%
6.3	DISTRIBUTION CHG.	\$	195,288.28	190,620.69	4,667.59	2.4%	1,079,735.28	1,005,995.46	73,739.81	7.3%
6.4	LOAD BALANCING	\$	423,646.37	423,507.84	138.53	0.0%	2,879,800.26	2,879,301.24	499.02	0.0%
6.5	SALES COMMDTY	\$	1,188,862.76	1,188,800.15	62.61	0.0%	8,322,040.51	8,321,602.27	438.24	0.0%
6.6	TOTAL SALES	\$	1,815,240.05	1,810,268.60	4,971.45	0.3%	12,289,465.32	12,214,679.30	74,786.03	0.6%
6.7	TOTAL T-SERVICE	\$	626,377.29	621,468.45	4,908.84	0.8%	3,967,424.82	3,893,077.03	74,347.79	1.9%
6.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.1820	0.1815	0.0005	0.3%	0.1760	0.1749	0.0011	0.6%
6.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0628	0.0623	0.0005	0.8%	0.0568	0.0557	0.0011	1.9%
6.10	SALES UNIT RATE	\$/GJ	4.7225	4.7096	0.0129	0.3%	4.5675	4.5397	0.0278	0.6%
6.11	T-SERVICE UNIT RATE	\$/GJ	1.6296	1.6168	0.0128	0.8%	1.4745	1.4469	0.0276	1.9%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 135 - Seasonal Firm</b>										
<b>Rate 170 - Average Ind. Interr. - 50% LF</b>										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
7.1	VOLUME	m <sup>3</sup>	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,458.24	1,438.08	20.16	1.4%	3,539.16	3,490.32	48.84	1.4%
7.3	DISTRIBUTION CHG.	\$	11,884.60	11,314.60	570.00	5.0%	94,069.02	82,814.95	11,254.06	13.6%
7.4	LOAD BALANCING	\$	19,161.03	19,158.98	2.05	0.0%	303,012.65	302,876.21	136.45	0.0%
7.5	SALES COMMDTY	\$	71,376.00	71,371.63	4.37	0.0%	1,188,862.86	1,188,800.26	62.60	0.0%
7.6	TOTAL SALES	\$	103,879.87	103,283.29	596.59	0.6%	1,589,483.69	1,577,981.74	11,501.95	0.7%
7.7	TOTAL T-SERVICE	\$	32,503.87	31,911.66	592.22	1.9%	400,620.83	389,181.48	11,439.35	2.9%
7.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.1735	0.1726	0.0010	0.6%	0.1593	0.1582	0.0012	0.7%
7.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0543	0.0533	0.0010	1.9%	0.0402	0.0390	0.0011	2.9%
7.10	SALES UNIT RATE	\$/GJ	4.5042	4.4784	0.0259	0.6%	4.1352	4.1053	0.0299	0.7%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.4094	1.3837	0.0257	1.9%	1.0423	1.0125	0.0298	2.9%
<b>Rate 170 - Average Ind. Interr. - 75% LF</b>										
<b>Rate 170 - Large Ind. Interr. - 75% LF</b>										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
8.1	VOLUME	m <sup>3</sup>	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,539.16	3,490.32	48.84	1.4%	3,539.16	3,490.32	48.84	1.4%
8.3	DISTRIBUTION CHG.	\$	86,412.97	75,282.26	11,130.71	14.8%	487,222.93	409,437.26	77,785.67	19.0%
8.4	LOAD BALANCING	\$	303,012.62	302,876.18	136.45	0.0%	2,121,088.67	2,120,133.53	955.14	0.0%
8.5	SALES COMMDTY	\$	1,188,862.74	1,188,800.14	62.60	0.0%	8,322,040.40	8,321,602.19	438.21	0.0%
8.6	TOTAL SALES	\$	1,581,827.49	1,570,448.90	11,378.60	0.7%	10,933,891.17	10,854,663.31	79,227.86	0.7%
8.7	TOTAL T-SERVICE	\$	392,964.75	381,648.75	11,316.00	3.0%	2,611,850.77	2,533,061.12	78,789.65	3.1%
8.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.1586	0.1574	0.0011	0.7%	0.1566	0.1554	0.0011	0.7%
8.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0394	0.0383	0.0011	3.0%	0.0374	0.0363	0.0011	3.1%
8.10	SALES UNIT RATE	\$/GJ	4.1153	4.0857	0.0296	0.7%	4.0636	4.0342	0.0294	0.7%
8.11	T-SERVICE UNIT RATE	\$/GJ	1.0223	0.9929	0.0294	3.0%	0.9707	0.9414	0.0293	3.1%

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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Heating &amp; Water Htg.</b>										
<b>Heating, Water Htg. &amp; Other Uses</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%	265.44	261.96	3.48	1.3%
1.3	DISTRIBUTION CHG.	\$	271.19	265.98	5.20	2.0%	408.86	401.07	7.79	1.9%
1.4	LOAD BALANCING	§ \$	156.29	156.12	0.16	0.1%	239.28	239.03	0.25	0.1%
1.5	SALES COMMDTY	\$	366.27	366.23	0.03	0.0%	560.75	560.70	0.05	0.0%
1.6	FEDERAL CARBON CHARGE	\$	239.91	239.91	0.00	0.0%	367.31	367.31	0.00	0.0%
1.7	TOTAL SALES	\$	1,299.09	1,290.21	8.88	0.7%	1,841.64	1,830.06	11.57	0.6%
1.8	TOTAL T-SERVICE	\$	932.82	923.98	8.85	1.0%	1,280.88	1,269.36	11.52	0.9%
1.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.4240	0.4211	0.0029	0.7%	0.3926	0.3901	0.0025	0.6%
1.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.3044	0.3016	0.0029	1.0%	0.2731	0.2706	0.0025	0.9%
1.11	SALES UNIT RATE	\$/GJ	11.0355	10.9601	0.0754	0.7%	10.2184	10.1542	0.0642	0.6%
1.12	T-SERVICE UNIT RATE	\$/GJ	7.9242	7.8490	0.0751	1.0%	7.1070	7.0431	0.0639	0.9%
<b>Heating Only</b>										
<b>Heating &amp; Water Htg.</b>										
			<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m <sup>3</sup>	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%	265.44	261.96	3.48	1.3%
2.3	DISTRIBUTION CHG.	\$	173.93	170.59	3.34	2.0%	180.98	177.48	3.50	2.0%
2.4	LOAD BALANCING	§ \$	99.72	99.62	0.10	0.1%	102.27	102.16	0.11	0.1%
2.5	SALES COMMDTY	\$	233.70	233.68	0.02	0.0%	239.67	239.65	0.02	0.0%
2.6	FEDERAL CARBON CHARGE	\$	153.08	153.08	0.00	0.0%	156.99	156.99	0.00	0.0%
2.7	TOTAL SALES	\$	925.87	918.91	6.95	0.8%	945.36	938.25	7.11	0.8%
2.8	TOTAL T-SERVICE	\$	692.17	685.24	6.93	1.0%	705.69	698.60	7.09	1.0%
2.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.4736	0.4700	0.0036	0.8%	0.4715	0.4680	0.0035	0.8%
2.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.3541	0.3505	0.0035	1.0%	0.3520	0.3484	0.0035	1.0%
2.11	SALES UNIT RATE	\$/GJ	12.3266	12.2341	0.0925	0.8%	12.2723	12.1800	0.0923	0.8%
2.12	T-SERVICE UNIT RATE	\$/GJ	9.2153	9.1230	0.0922	1.0%	9.1609	9.0689	0.0920	1.0%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
		<b>Heating, Pool Htg. &amp; Other Uses</b>				<b>General &amp; Water Htg.</b>				
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m <sup>3</sup>	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%	265.44	261.96	3.48	1.3%
3.3	DISTRIBUTION CHG.		439.71	431.33	8.37	1.9%	102.14	100.13	2.01	2.0%
3.4	LOAD BALANCING	§ \$	257.49	257.22	0.27	0.1%	55.14	55.08	0.06	0.1%
3.5	SALES COMMDTY	\$	603.43	603.37	0.06	0.0%	129.22	129.21	0.01	0.0%
	FEDERAL CARBON CHARGE	\$	395.26	395.26	0.00	0.0%	84.64	84.64	0.00	0.0%
3.6	TOTAL SALES	\$	1,961.32	1,949.14	12.18	0.6%	636.59	631.02	5.56	0.9%
3.7	TOTAL T-SERVICE	\$	1,357.89	1,345.77	12.12	0.9%	507.37	501.81	5.55	1.1%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3885	0.3861	0.0024	0.6%	0.5889	0.5837	0.0051	0.9%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2690	0.2666	0.0024	0.9%	0.4693	0.4642	0.0051	1.1%
3.10	SALES UNIT RATE	\$/GJ	10.1128	10.0500	0.0628	0.6%	15.3276	15.1936	0.1340	0.9%
3.11	T-SERVICE UNIT RATE	\$/GJ	7.0015	6.9389	0.0625	0.9%	12.2163	12.0826	0.1337	1.1%

		<b>Heating &amp; Water Htg.</b>				<b>Heating &amp; Water Htg.</b>				
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m <sup>3</sup>	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
4.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%	265.44	261.96	3.48	1.3%
4.3	DISTRIBUTION CHG.	\$	221.42	217.16	4.26	2.0%	214.33	210.20	4.13	2.0%
4.4	LOAD BALANCING	§ \$	126.50	126.37	0.13	0.1%	122.42	122.29	0.13	0.1%
4.5	SALES COMMDTY	\$	296.45	296.43	0.03	0.0%	286.89	286.86	0.03	0.0%
4.6	FEDERAL CARBON CHARGE	\$	194.18	194.18	0.00	0.0%	187.92	187.92	0.00	0.0%
4.7	TOTAL SALES	\$	1,104.00	1,096.09	7.90	0.7%	1,077.00	1,069.24	7.76	0.7%
4.8	TOTAL T-SERVICE	\$	807.54	799.67	7.88	1.0%	790.11	782.37	7.74	1.0%
4.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.4452	0.4420	0.0032	0.7%	0.4488	0.4455	0.0032	0.7%
4.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.3256	0.3224	0.0032	1.0%	0.3292	0.3260	0.0032	1.0%
4.11	SALES UNIT RATE	\$/GJ	11.5867	11.5037	0.0830	0.7%	11.6801	11.5959	0.0842	0.7%
4.12	T-SERVICE UNIT RATE	\$/GJ	8.4753	8.3927	0.0827	1.0%	8.5688	8.4849	0.0839	1.0%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Commercial Heating &amp; Other Uses</b>										
<b>Com. Htg., Air Cond'ng &amp; Other Uses</b>										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
1.3	DISTRIBUTION CHG.	\$	1,656.43	1,587.58	68.85	4.3%	2,125.09	2,037.04	88.05	4.3%
1.4	LOAD BALANCING	§ \$	1,137.65	1,136.51	1.14	0.1%	1,473.41	1,471.94	1.47	0.1%
1.5	SALES COMMDTY	\$	2,707.37	2,707.04	0.33	0.0%	3,506.43	3,506.00	0.42	0.0%
1.6	FEDERAL CARBON CHARGE	\$	1,770.05	1,770.05	0.00	0.0%	2,292.47	2,292.47	0.00	0.0%
1.7	TOTAL SALES	\$	8,170.41	8,087.85	82.56	1.0%	10,296.32	10,194.13	102.19	1.0%
1.8	TOTAL T-SERVICE	\$	5,463.04	5,380.81	82.23	1.5%	6,789.90	6,688.13	101.77	1.5%
1.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3614	0.3578	0.0037	1.0%	0.3517	0.3482	0.0035	1.0%
1.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2417	0.2380	0.0036	1.5%	0.2319	0.2284	0.0035	1.5%
1.11	SALES UNIT RATE	\$/GJ	9.4073	9.3122	0.0951	1.0%	9.1534	9.0626	0.0908	1.0%
1.12	T-SERVICE UNIT RATE	\$/GJ	6.2900	6.1954	0.0947	1.5%	6.0362	5.9457	0.0905	1.5%
<b>Medium Commercial Customer</b>										
<b>Large Commercial Customer</b>										
		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		<u>(A)</u>	<u>(B)</u>	<u>CHANGE</u>		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
2.3	DISTRIBUTION CHG.	\$	8,885.87	8,565.76	320.11	3.7%	16,248.78	15,693.06	555.72	3.5%
2.4	LOAD BALANCING	§ \$	8,533.25	8,524.70	8.54	0.1%	17,066.44	17,049.36	17.08	0.1%
2.5	SALES COMMDTY	\$	20,307.41	20,304.96	2.45	0.0%	40,614.70	40,609.80	4.90	0.0%
2.6	FEDERAL CARBON CHARGE	\$	13,276.78	13,276.78	0.00	0.0%	26,553.49	26,553.49	0.00	0.0%
2.7	TOTAL SALES	\$	51,902.23	51,558.88	343.34	0.7%	101,382.33	100,792.39	589.94	0.6%
2.8	TOTAL T-SERVICE	\$	31,594.82	31,253.93	340.89	1.1%	60,767.63	60,182.59	585.04	1.0%
2.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3061	0.3041	0.0020	0.7%	0.2990	0.2972	0.0017	0.6%
2.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1863	0.1843	0.0020	1.1%	0.1792	0.1775	0.0017	1.0%
2.11	SALES UNIT RATE	\$/GJ	7.9671	7.9143	0.0527	0.7%	7.7812	7.7359	0.0453	0.6%
2.12	T-SERVICE UNIT RATE	\$/GJ	4.8498	4.7975	0.0523	1.1%	4.6640	4.6191	0.0449	1.0%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Industrial General Use</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m <sup>3</sup>	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
3.3	DISTRIBUTION CHG.	\$	2,934.30	2,815.63	118.67	4.2%	3,931.28	3,778.32	152.96	4.0%
3.4	LOAD BALANCING	§	2,178.31	2,176.13	2.18	0.1%	3,215.91	3,212.69	3.22	0.1%
3.5	SALES COMMDTY	\$	5,183.95	5,183.33	0.63	0.0%	7,653.23	7,652.31	0.92	0.0%
	FEDERAL CARBON CHARGE	\$	3,389.22	3,389.22	0.00	0.0%	5,003.60	5,003.60	0.00	0.0%
3.6	TOTAL SALES	\$	14,584.70	14,450.99	133.71	0.9%	20,702.94	20,533.60	169.34	0.8%
3.7	TOTAL T-SERVICE	\$	9,400.75	9,267.66	133.09	1.4%	13,049.71	12,881.30	168.42	1.3%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3369	0.3339	0.0031	0.9%	0.3240	0.3213	0.0026	0.8%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2172	0.2141	0.0031	1.4%	0.2042	0.2016	0.0026	1.3%
3.10	SALES UNIT RATE	\$/GJ	8.7701	8.6897	0.0804	0.9%	8.4324	8.3635	0.0690	0.8%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.6529	5.5728	0.0800	1.4%	5.3152	5.2466	0.0686	1.3%
<b>Medium Industrial Customer</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
4.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
4.3	DISTRIBUTION CHG.	\$	9,102.50	8,770.37	332.13	3.8%	16,409.96	15,845.30	564.66	3.6%
4.4	LOAD BALANCING	§	8,533.25	8,524.70	8.54	0.1%	17,066.39	17,049.31	17.08	0.1%
4.5	SALES COMMDTY	\$	20,307.41	20,304.96	2.45	0.0%	40,614.58	40,609.68	4.90	0.0%
4.6	FEDERAL CARBON CHARGE	\$	13,276.78	13,276.78	0.00	0.0%	26,553.41	26,553.41	0.00	0.0%
4.7	TOTAL SALES	\$	52,118.86	51,763.49	355.36	0.7%	101,543.26	100,944.38	598.89	0.6%
4.8	TOTAL T-SERVICE	\$	31,811.45	31,458.53	352.91	1.1%	60,928.68	60,334.70	593.99	1.0%
4.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3074	0.3053	0.0021	0.7%	0.2994	0.2977	0.0018	0.6%
4.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1876	0.1855	0.0021	1.1%	0.1797	0.1779	0.0018	1.0%
4.11	SALES UNIT RATE	\$/GJ	8.0003	7.9458	0.0545	0.7%	7.7935	7.7476	0.0460	0.6%
4.12	T-SERVICE UNIT RATE	\$/GJ	4.8831	4.8289	0.0542	1.1%	4.6763	4.6307	0.0456	1.0%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 100 - Small Commercial Firm</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,557.96	1,536.60	21.36	1.4%	1,557.96	1,536.60	21.36	1.4%
1.3	DISTRIBUTION CHG.	\$	14,316.74	14,128.24	188.50	1.3%	69,712.39	68,767.68	944.71	1.4%
1.4	LOAD BALANCING	\$	17,069.52	17,052.52	17.00	0.1%	30,122.69	30,092.69	30.00	0.1%
1.5	SALES COMMDTY	\$	40,622.25	40,617.34	4.91	0.0%	71,686.32	71,677.66	8.66	0.0%
1.6	FEDERAL CARBON CHARGE	\$	26,558.42	26,558.42	0.00	0.0%	46,867.80	46,867.80	0.00	0.0%
1.7	TOTAL SALES	\$	100,124.90	99,893.13	231.77	0.2%	219,947.16	218,942.42	1,004.73	0.5%
1.8	TOTAL T-SERVICE	\$	59,502.64	59,275.78	226.86	0.4%	148,260.83	147,264.76	996.07	0.7%
1.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2952	0.2945	0.0007	0.2%	0.3675	0.3658	0.0017	0.5%
1.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1754	0.1748	0.0007	0.4%	0.2477	0.2460	0.0017	0.7%
1.11	SALES UNIT RATE	\$/GJ	7.6832	7.6655	0.0178	0.2%	9.5642	9.5205	0.0437	0.5%
1.12	T-SERVICE UNIT RATE	\$/GJ	4.5660	4.5486	0.0174	0.4%	6.4470	6.4037	0.0433	0.7%

**Rate 100 - Large Industrial Firm**

		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	1,500,000	1,500,000	0	0.0%
2.2	CUSTOMER CHG.	\$	1,557.96	1,536.60	21.36	1.4%
2.3	DISTRIBUTION CHG.	\$	139,985.43	138,096.01	1,889.42	1.4%
2.4	LOAD BALANCING	\$	75,487.00	75,411.82	75.18	0.1%
2.5	SALES COMMDTY	\$	179,644.86	179,623.15	21.71	0.0%
2.6	FEDERAL CARBON CHARGE	\$	117,450.00	117,450.00	0.00	0.0%
2.7	TOTAL SALES	\$	514,125.25	512,117.58	2,007.67	0.4%
2.8	TOTAL T-SERVICE	\$	334,480.39	332,494.43	1,985.96	0.6%
2.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3428	0.3414	0.0013	0.4%
2.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2230	0.2217	0.0013	0.6%
2.11	SALES UNIT RATE	\$/GJ	8.9211	8.8863	0.0348	0.4%
2.12	T-SERVICE UNIT RATE	\$/GJ	5.8039	5.7695	0.0345	0.6%



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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
<b>Rate 145 - Small Commercial Interr.</b>									
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>					
				(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m <sup>3</sup> 339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$ 1,574.88	1,553.28	21.60	1.4%	1,574.88	1,553.28	21.60	1.4%
3.3	DISTRIBUTION CHG.	\$ 21,789.29	18,661.51	3,127.78	16.8%	35,318.56	29,810.35	5,508.21	18.5%
3.4	LOAD BALANCING	\$ 13,421.90	13,412.13	9.77	0.1%	23,686.09	23,669.02	17.07	0.1%
3.5	SALES COMMDTY	\$ 40,434.22	40,431.92	2.31	0.0%	71,354.62	71,350.55	4.07	0.0%
	FEDERAL CARBON CHARGE	\$ 26,558.42	26,558.42	0.00	0.0%	46,867.87	46,867.87	0.00	0.0%
3.6	TOTAL SALES	\$ 103,778.72	100,617.25	3,161.46	3.1%	178,802.03	173,251.08	5,550.96	3.2%
3.7	TOTAL T-SERVICE	\$ 63,344.50	60,185.34	3,159.16	5.2%	107,447.41	101,900.53	5,546.88	5.4%
3.8	SALES UNIT RATE	\$/m <sup>3</sup> 0.3060	0.2966	0.0093	3.1%	0.2987	0.2894	0.0093	3.2%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup> 0.1868	0.1774	0.0093	5.2%	0.1795	0.1702	0.0093	5.4%
3.10	SALES UNIT RATE	\$/GJ 7.9636	7.7210	0.2426	3.1%	7.7750	7.5336	0.2414	3.2%
3.11	T-SERVICE UNIT RATE	\$/GJ 4.8608	4.6184	0.2424	5.2%	4.6722	4.4310	0.2412	5.4%

<b>Rate 145 - Small Industrial Interr.</b>									
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>					
				(A) - (B)	%			(A) - (B)	%
4.1	VOLUME	m <sup>3</sup> 339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$ 1,574.88	1,553.28	21.60	1.4%	1,574.88	1,553.28	21.60	1.4%
4.3	DISTRIBUTION CHG.	\$ 22,065.17	18,937.39	3,127.78	16.5%	35,562.76	30,054.56	5,508.20	18.3%
4.4	LOAD BALANCING	\$ 13,421.90	13,412.13	9.77	0.1%	23,686.05	23,668.97	17.07	0.1%
4.5	SALES COMMDTY	\$ 40,434.22	40,431.92	2.31	0.0%	71,354.50	71,350.43	4.07	0.0%
4.6	FEDERAL CARBON CHARGE	\$ 26,558.42	26,558.42	0.00	0.0%	46,867.80	46,867.80	0.00	0.0%
4.7	TOTAL SALES	\$ 104,054.60	100,893.13	3,161.46	3.1%	179,045.99	173,495.04	5,550.95	3.2%
4.8	TOTAL T-SERVICE	\$ 63,620.38	60,461.22	3,159.16	5.2%	107,691.49	102,144.61	5,546.87	5.4%
4.9	SALES UNIT RATE	\$/m <sup>3</sup> 0.3068	0.2975	0.0093	3.1%	0.2991	0.2899	0.0093	3.2%
4.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup> 0.1876	0.1783	0.0093	5.2%	0.1799	0.1706	0.0093	5.4%
4.11	SALES UNIT RATE	\$/GJ 7.9848	7.7422	0.2426	3.1%	7.7856	7.5443	0.2414	3.2%
4.12	T-SERVICE UNIT RATE	\$/GJ 4.8820	4.6396	0.2424	5.2%	4.6829	4.4417	0.2412	5.4%

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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8																			
<b>Rate 110 - Small Ind. Firm - 50% LF</b>																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>(A)</th> <th>(B)</th> <th colspan="2">CHANGE</th> <th>(A)</th> <th>(B)</th> <th colspan="2">CHANGE</th> </tr> <tr> <th></th> <th></th> <th></th> <th>(A) - (B)</th> <th>%</th> <th></th> <th></th> <th>(A) - (B)</th> <th>%</th> </tr> </thead> </table>												(A)	(B)	CHANGE		(A)	(B)	CHANGE					(A) - (B)	%			(A) - (B)	%
	(A)	(B)	CHANGE		(A)	(B)	CHANGE																					
			(A) - (B)	%			(A) - (B)	%																				
5.1	VOLUME	m <sup>3</sup>	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%																		
5.2	CUSTOMER CHG.	\$	7,454.64	7,351.92	102.72	1.4%	7,454.64	7,351.92	102.72	1.4%																		
5.3	DISTRIBUTION CHG.	\$	14,988.20	14,663.76	324.43	2.2%	245,781.06	240,432.98	5,348.07	2.2%																		
5.4	LOAD BALANCING	\$	25,418.82	25,410.50	8.31	0.0%	423,646.41	423,507.88	138.53	0.0%																		
5.5	SALES COMMDTY	\$	71,331.86	71,328.10	3.76	0.0%	1,188,862.88	1,188,800.27	62.61	0.0%																		
5.6	FEDERAL CARBON CHARGE	\$	46,867.87	46,867.87	0.00	0.0%	781,130.27	781,130.27	0.00	0.0%																		
5.7	TOTAL SALES	\$	166,061.39	165,622.17	439.22	0.3%	2,646,875.26	2,641,223.33	5,651.93	0.2%																		
5.8	TOTAL T-SERVICE	\$	94,729.53	94,294.06	435.47	0.5%	1,458,012.38	1,452,423.06	5,589.32	0.4%																		
5.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2774	0.2767	0.0007	0.3%	0.2653	0.2648	0.0006	0.2%																		
5.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1583	0.1575	0.0007	0.5%	0.1462	0.1456	0.0006	0.4%																		
5.11	SALES UNIT RATE	\$/GJ	7.2210	7.2019	0.0191	0.3%	6.9058	6.8911	0.0147	0.2%																		
5.12	T-SERVICE UNIT RATE	\$/GJ	4.1192	4.1003	0.0189	0.5%	3.8040	3.7894	0.0146	0.4%																		
<b>Rate 110 - Average Ind. Firm - 75% LF</b>																												
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>(A)</th> <th>(B)</th> <th colspan="2">CHANGE</th> <th>(A)</th> <th>(B)</th> <th colspan="2">CHANGE</th> </tr> <tr> <th></th> <th></th> <th></th> <th>(A) - (B)</th> <th>%</th> <th></th> <th></th> <th>(A) - (B)</th> <th>%</th> </tr> </thead> </table>												(A)	(B)	CHANGE		(A)	(B)	CHANGE					(A) - (B)	%			(A) - (B)	%
	(A)	(B)	CHANGE		(A)	(B)	CHANGE																					
			(A) - (B)	%			(A) - (B)	%																				
6.1	VOLUME	m <sup>3</sup>	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%																		
6.2	CUSTOMER CHG.	\$	7,454.64	7,351.92	102.72	1.4%	7,901.28	7,792.32	108.96	1.4%																		
6.3	DISTRIBUTION CHG.	\$	195,946.70	191,279.11	4,667.59	2.4%	1,084,344.25	1,010,604.43	73,739.81	7.3%																		
6.4	LOAD BALANCING	\$	423,646.37	423,507.84	138.53	0.0%	2,879,800.26	2,879,301.24	499.02	0.0%																		
6.5	SALES COMMDTY	\$	1,188,862.76	1,188,800.15	62.61	0.0%	8,322,040.51	8,321,602.27	438.24	0.0%																		
6.6	FEDERAL CARBON CHARGE	\$	781,130.20	781,130.20	0.00	0.0%	5,467,912.16	5,467,912.16	0.00	0.0%																		
6.7	TOTAL SALES	\$	2,597,040.67	2,592,069.22	4,971.45	0.2%	17,761,998.45	17,687,212.42	74,786.03	0.4%																		
6.8	TOTAL T-SERVICE	\$	1,408,177.91	1,403,269.07	4,908.84	0.3%	9,439,957.94	9,365,610.15	74,347.79	0.8%																		
6.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2603	0.2598	0.0005	0.2%	0.2544	0.2533	0.0011	0.4%																		
6.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1412	0.1407	0.0005	0.3%	0.1352	0.1341	0.0011	0.8%																		
6.11	SALES UNIT RATE	\$/GJ	6.7758	6.7628	0.0130	0.2%	6.6203	6.5924	0.0279	0.4%																		
6.12	T-SERVICE UNIT RATE	\$/GJ	3.6740	3.6612	0.0128	0.3%	3.5185	3.4908	0.0277	0.8%																		
<b>Rate 115 - Large Ind. Firm - 80% LF</b>																												

**'ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**INCLUDING FEDERAL CARBON PRICING IMPACTS FOR NON-OBPS PARTICIPANTS AND RIDER K BILL 32**

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 135 - Seasonal Firm</b>										
<b>Rate 170 - Average Ind. Interr. - 50% LF</b>										
			<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
					<b>(A) - (B)</b>	<b>%</b>			<b>(A) - (B)</b>	<b>%</b>
7.1	VOLUME	m <sup>3</sup>	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,470.24	1,450.08	20.16	1.4%	3,551.16	3,502.32	48.84	1.4%
7.3	DISTRIBUTION CHG.	\$	11,924.11	11,354.10	570.00	5.0%	94,727.44	83,473.38	11,254.06	13.5%
7.4	LOAD BALANCING	\$	19,161.03	19,158.98	2.05	0.0%	303,012.65	302,876.21	136.45	0.0%
7.5	SALES COMMDTY	\$	71,376.00	71,371.63	4.37	0.0%	1,188,862.86	1,188,800.26	62.60	0.0%
7.6	FEDERAL CARBON CHARGE	\$	46,867.80	46,867.80	0.00	0.0%	781,130.27	781,130.27	0.00	0.0%
7.7	TOTAL SALES	\$	150,799.18	150,202.59	596.59	0.4%	2,371,284.39	2,359,782.44	11,501.95	0.5%
7.8	TOTAL T-SERVICE	\$	79,423.18	78,830.96	592.22	0.8%	1,182,421.53	1,170,982.18	11,439.35	1.0%
7.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2519	0.2509	0.0010	0.4%	0.2377	0.2365	0.0012	0.5%
7.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1327	0.1317	0.0010	0.8%	0.1185	0.1174	0.0011	1.0%
7.11	SALES UNIT RATE	\$/GJ	6.5574	6.5314	0.0259	0.4%	6.1868	6.1568	0.0300	0.5%
7.12	T-SERVICE UNIT RATE	\$/GJ	3.4536	3.4279	0.0258	0.8%	3.0850	3.0551	0.0298	1.0%
<b>Rate 170 - Average Ind. Interr. - 75% LF</b>										
<b>Rate 170 - Large Ind. Interr. - 75% LF</b>										
			<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
					<b>(A) - (B)</b>	<b>%</b>			<b>(A) - (B)</b>	<b>%</b>
8.1	VOLUME	m <sup>3</sup>	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,551.16	3,502.32	48.84	1.4%	3,551.16	3,502.32	48.84	1.4%
8.3	DISTRIBUTION CHG.	\$	87,071.39	75,940.68	11,130.71	14.7%	491,831.90	414,046.23	77,785.67	18.8%
8.4	LOAD BALANCING	\$	303,012.62	302,876.18	136.45	0.0%	2,121,088.67	2,120,133.53	955.14	0.0%
8.5	SALES COMMDTY	\$	1,188,862.74	1,188,800.14	62.60	0.0%	8,322,040.40	8,321,602.19	438.21	0.0%
8.6	FEDERAL CARBON CHARGE	\$	781,130.20	781,130.20	0.00	0.0%	5,467,912.16	5,467,912.16	0.00	0.0%
8.7	TOTAL SALES	\$	2,363,628.11	2,352,249.52	11,378.60	0.5%	16,406,424.29	16,327,196.43	79,227.86	0.5%
8.8	TOTAL T-SERVICE	\$	1,174,765.37	1,163,449.37	11,316.00	1.0%	8,084,383.89	8,005,594.24	78,789.65	1.0%
8.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2369	0.2358	0.0011	0.5%	0.2349	0.2338	0.0011	0.5%
8.1	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1178	0.1166	0.0011	1.0%	0.1158	0.1146	0.0011	1.0%
8.11	SALES UNIT RATE	\$/GJ	6.1668	6.1371	0.0297	0.5%	6.1150	6.0855	0.0295	0.5%
8.12	T-SERVICE UNIT RATE	\$/GJ	3.0650	3.0355	0.0295	1.0%	3.0132	2.9838	0.0294	1.0%

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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Heating &amp; Water Htg.</b>										
<b>Heating, Water Htg. &amp; Other Uses</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%	265.44	261.96	3.48	1.3%
1.3	DISTRIBUTION CHG.	\$	271.19	265.98	5.20	2.0%	408.86	401.07	7.79	1.9%
1.4	LOAD BALANCING	\$ \$	156.29	156.12	0.16	0.1%	239.28	239.03	0.25	0.1%
1.5	SALES COMMDTY	\$	366.27	366.23	0.03	0.0%	560.75	560.70	0.05	0.0%
1.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1.7	TOTAL SALES	\$	1,059.18	1,050.30	8.88	0.8%	1,474.33	1,462.76	11.57	0.8%
1.8	TOTAL T-SERVICE	\$	692.91	684.07	8.85	1.3%	913.58	902.06	11.52	1.3%
1.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3457	0.3428	0.0029	0.8%	0.3143	0.3118	0.0025	0.8%
1.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2261	0.2233	0.0029	1.3%	0.1948	0.1923	0.0025	1.3%
1.11	SALES UNIT RATE	\$/GJ	8.9975	8.9221	0.0754	0.8%	8.1804	8.1161	0.0642	0.8%
1.12	T-SERVICE UNIT RATE	\$/GJ	5.8862	5.8110	0.0751	1.3%	5.0690	5.0051	0.0639	1.3%
<b>Heating Only</b>										
<b>Heating &amp; Water Htg.</b>										
			<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m <sup>3</sup>	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%	265.44	261.96	3.48	1.3%
2.3	DISTRIBUTION CHG.	\$	173.93	170.59	3.34	2.0%	180.98	177.48	3.50	2.0%
2.4	LOAD BALANCING	\$ \$	99.72	99.62	0.10	0.1%	102.27	102.16	0.11	0.1%
2.5	SALES COMMDTY	\$	233.70	233.68	0.02	0.0%	239.67	239.65	0.02	0.0%
2.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
2.7	TOTAL SALES	\$	772.79	765.84	6.95	0.9%	788.37	781.26	7.11	0.9%
2.8	TOTAL T-SERVICE	\$	539.09	532.16	6.93	1.3%	548.69	541.60	7.09	1.3%
2.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3953	0.3917	0.0036	0.9%	0.3932	0.3897	0.0035	0.9%
2.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2758	0.2722	0.0035	1.3%	0.2737	0.2701	0.0035	1.3%
2.11	SALES UNIT RATE	\$/GJ	10.2886	10.1961	0.0925	0.9%	10.2343	10.1420	0.0923	0.9%
2.12	T-SERVICE UNIT RATE	\$/GJ	7.1773	7.0850	0.0922	1.3%	7.1229	7.0309	0.0920	1.3%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Heating, Pool Htg. &amp; Other Uses</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>						
				(A) - (B)	%					
3.1	VOLUME	m <sup>3</sup>	5,048	5,048	0	0.0%				
3.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%				
3.3	DISTRIBUTION CHG.	\$	439.71	431.33	8.37	1.9%				
3.4	LOAD BALANCING	§ \$	257.49	257.22	0.27	0.1%				
3.5	SALES COMMDTY	\$	603.43	603.37	0.06	0.0%				
	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%				
3.6	TOTAL SALES	\$	1,566.06	1,553.88	12.18	0.8%				
3.7	TOTAL T-SERVICE	\$	962.63	950.51	12.12	1.3%				
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.3102	0.3078	0.0024	0.8%				
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1907	0.1883	0.0024	1.3%				
3.10	SALES UNIT RATE	\$/GJ	8.0748	8.0120	0.0628	0.8%				
3.11	T-SERVICE UNIT RATE	\$/GJ	4.9635	4.9009	0.0625	1.3%				

<b>Heating &amp; Water Htg.</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>						
				(A) - (B)	%					
4.1	VOLUME	m <sup>3</sup>	2,480	2,480	0	0.0%				
4.2	CUSTOMER CHG.	\$	265.44	261.96	3.48	1.3%				
4.3	DISTRIBUTION CHG.	\$	221.42	217.16	4.26	2.0%				
4.4	LOAD BALANCING	§ \$	126.50	126.37	0.13	0.1%				
4.5	SALES COMMDTY	\$	296.45	296.43	0.03	0.0%				
4.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%				
4.7	TOTAL SALES	\$	909.81	901.91	7.90	0.9%				
4.8	TOTAL T-SERVICE	\$	613.36	605.48	7.88	1.3%				
4.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.3669	0.3637	0.0032	0.9%				
4.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.2473	0.2441	0.0032	1.3%				
4.11	SALES UNIT RATE	\$/GJ	9.5487	9.4657	0.0830	0.9%				
4.12	T-SERVICE UNIT RATE	\$/GJ	6.4373	6.3547	0.0827	1.3%				

§ The Load Balancing Charge shown here includes proposed transportation charges

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Commercial Heating &amp; Other Uses</b>										
<b>Com. Htg., Air Cond'ng &amp; Other Uses</b>										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
1.3	DISTRIBUTION CHG.	\$	1,656.43	1,587.58	68.85	4.3%	2,125.09	2,037.04	88.05	4.3%
1.4	LOAD BALANCING	§ \$	1,137.65	1,136.51	1.14	0.1%	1,473.41	1,471.94	1.47	0.1%
1.5	SALES COMMDTY	\$	2,707.37	2,707.04	0.33	0.0%	3,506.43	3,506.00	0.42	0.0%
1.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1.7	TOTAL SALES	\$	6,400.36	6,317.80	82.56	1.3%	8,003.86	7,901.66	102.19	1.3%
1.8	TOTAL T-SERVICE	\$	3,692.99	3,610.76	82.23	2.3%	4,497.43	4,395.66	101.77	2.3%
1.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2831	0.2795	0.0037	1.3%	0.2734	0.2699	0.0035	1.3%
1.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1634	0.1597	0.0036	2.3%	0.1536	0.1501	0.0035	2.3%
1.11	SALES UNIT RATE	\$/GJ	7.3693	7.2742	0.0951	1.3%	7.1154	7.0246	0.0908	1.3%
1.12	T-SERVICE UNIT RATE	\$/GJ	4.2520	4.1574	0.0947	2.3%	3.9982	3.9077	0.0905	2.3%
<b>Medium Commercial Customer</b>										
<b>Large Commercial Customer</b>										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
2.3	DISTRIBUTION CHG.	\$	8,885.87	8,565.76	320.11	3.7%	16,248.78	15,693.06	555.72	3.5%
2.4	LOAD BALANCING	§ \$	8,533.25	8,524.70	8.54	0.1%	17,066.44	17,049.36	17.08	0.1%
2.5	SALES COMMDTY	\$	20,307.41	20,304.96	2.45	0.0%	40,614.70	40,609.80	4.90	0.0%
2.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
2.7	TOTAL SALES	\$	38,625.45	38,282.10	343.34	0.9%	74,828.84	74,238.90	589.94	0.8%
2.8	TOTAL T-SERVICE	\$	18,318.04	17,977.14	340.89	1.9%	34,214.14	33,629.10	585.04	1.7%
2.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2278	0.2258	0.0020	0.9%	0.2207	0.2189	0.0017	0.8%
2.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1080	0.1060	0.0020	1.9%	0.1009	0.0992	0.0017	1.7%
2.11	SALES UNIT RATE	\$/GJ	5.9290	5.8763	0.0527	0.9%	5.7432	5.6979	0.0453	0.8%
2.12	T-SERVICE UNIT RATE	\$/GJ	2.8118	2.7595	0.0523	1.9%	2.6260	2.5811	0.0449	1.7%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Industrial General Use</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
3.1	VOLUME	m <sup>3</sup>	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
3.3	DISTRIBUTION CHG.	\$	2,934.30	2,815.63	118.67	4.2%	3,931.28	3,778.32	152.96	4.0%
3.4	LOAD BALANCING	§ \$	2,178.31	2,176.13	2.18	0.1%	3,215.91	3,212.69	3.22	0.1%
3.5	SALES COMMDTY	\$	5,183.95	5,183.33	0.63	0.0%	7,653.23	7,652.31	0.92	0.0%
	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
3.6	TOTAL SALES	\$	11,195.48	11,061.77	133.71	1.2%	15,699.34	15,530.00	169.34	1.1%
3.7	TOTAL T-SERVICE	\$	6,011.53	5,878.45	133.09	2.3%	8,046.11	7,877.69	168.42	2.1%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2586	0.2556	0.0031	1.2%	0.2457	0.2430	0.0026	1.1%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1389	0.1358	0.0031	2.3%	0.1259	0.1233	0.0026	2.1%
3.10	SALES UNIT RATE	\$/GJ	6.7321	6.6517	0.0804	1.2%	6.3944	6.3255	0.0690	1.1%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.6149	3.5348	0.0800	2.3%	3.2772	3.2086	0.0686	2.1%
<b>Medium Industrial Customer</b>										
			<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
					(A) - (B)	%			(A) - (B)	%
4.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	898.92	886.68	12.24	1.4%	898.92	886.68	12.24	1.4%
4.3	DISTRIBUTION CHG.	\$	9,102.50	8,770.37	332.13	3.8%	16,409.96	15,845.30	564.66	3.6%
4.4	LOAD BALANCING	§ \$	8,533.25	8,524.70	8.54	0.1%	17,066.39	17,049.31	17.08	0.1%
4.5	SALES COMMDTY	\$	20,307.41	20,304.96	2.45	0.0%	40,614.58	40,609.68	4.90	0.0%
4.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4.7	TOTAL SALES	\$	38,842.07	38,486.71	355.36	0.9%	74,989.85	74,390.97	598.89	0.8%
4.8	TOTAL T-SERVICE	\$	18,534.66	18,181.75	352.91	1.9%	34,375.27	33,781.29	593.99	1.8%
4.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2291	0.2270	0.0021	0.9%	0.2211	0.2194	0.0018	0.8%
4.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1093	0.1072	0.0021	1.9%	0.1014	0.0996	0.0018	1.8%
4.11	SALES UNIT RATE	\$/GJ	5.9623	5.9078	0.0545	0.9%	5.7555	5.7096	0.0460	0.8%
4.12	T-SERVICE UNIT RATE	\$/GJ	2.8451	2.7909	0.0542	1.9%	2.6383	2.5927	0.0456	1.8%

§ The Load Balancing Charge shown here includes proposed transportation charges

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 100 - Small Commercial Firm</b>										
		(A)	(B)	CHANGE		(A)	(B)	CHANGE		
				(A) - (B)	%			(A) - (B)	%	
1.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,557.96	1,536.60	21.36	1.4%	1,557.96	1,536.60	21.36	1.4%
1.3	DISTRIBUTION CHG.	\$	14,316.74	14,128.24	188.50	1.3%	69,712.39	68,767.68	944.71	1.4%
1.4	LOAD BALANCING	\$	17,069.52	17,052.52	17.00	0.1%	30,122.69	30,092.69	30.00	0.1%
1.5	SALES COMMDTY	\$	40,622.25	40,617.34	4.91	0.0%	71,686.32	71,677.66	8.66	0.0%
1.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
1.7	TOTAL SALES	\$	73,566.48	73,334.71	231.77	0.3%	173,079.36	172,074.63	1,004.73	0.6%
1.8	TOTAL T-SERVICE	\$	32,944.22	32,717.36	226.86	0.7%	101,393.04	100,396.97	996.07	1.0%
1.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2169	0.2162	0.0007	0.3%	0.2892	0.2875	0.0017	0.6%
1.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0971	0.0965	0.0007	0.7%	0.1694	0.1677	0.0017	1.0%
1.11	SALES UNIT RATE	\$/GJ	5.6452	5.6275	0.0178	0.3%	7.5262	7.4825	0.0437	0.6%
1.12	T-SERVICE UNIT RATE	\$/GJ	2.5280	2.5106	0.0174	0.7%	4.4090	4.3657	0.0433	1.0%
<b>Rate 100 - Large Industrial Firm</b>										
		(A)	(B)	CHANGE				CHANGE		
				(A) - (B)	%			(A) - (B)	%	
2.1	VOLUME	m <sup>3</sup>	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,557.96	1,536.60	21.36	1.4%				
2.3	DISTRIBUTION CHG.	\$	139,985.43	138,096.01	1,889.42	1.4%				
2.4	LOAD BALANCING	\$	75,487.00	75,411.82	75.18	0.1%				
2.5	SALES COMMDTY	\$	179,644.86	179,623.15	21.71	0.0%				
2.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%				
2.7	TOTAL SALES	\$	396,675.25	394,667.58	2,007.67	0.5%				
2.8	TOTAL T-SERVICE	\$	217,030.39	215,044.43	1,985.96	0.9%				
2.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2645	0.2631	0.0013	0.5%				
2.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1447	0.1434	0.0013	0.9%				
2.11	SALES UNIT RATE	\$/GJ	6.8831	6.8483	0.0348	0.5%				
2.12	T-SERVICE UNIT RATE	\$/GJ	3.7659	3.7315	0.0345	0.9%				



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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8		
<b>Rate 145 - Small Commercial Interr.</b>											
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>							
				(A) - (B)	%			(A) - (B)	%		
3.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%		598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,574.88	1,553.28	21.60	1.4%	1,574.88	1,553.28	21.60	1.4%	
3.3	DISTRIBUTION CHG.	\$	21,789.29	18,661.51	3,127.78	16.8%	35,318.56	29,810.35	5,508.21	18.5%	
3.4	LOAD BALANCING	\$	13,421.90	13,412.13	9.77	0.1%	23,686.09	23,669.02	17.07	0.1%	
3.5	SALES COMMDTY	\$	40,434.22	40,431.92	2.31	0.0%	71,354.62	71,350.55	4.07	0.0%	
3.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
3.7	TOTAL SALES	\$	77,220.30	74,058.83	3,161.46	4.3%	131,934.16	126,383.20	5,550.96	4.4%	
3.8	TOTAL T-SERVICE	\$	36,786.07	33,626.92	3,159.16	9.4%	60,579.53	55,032.65	5,546.88	10.1%	
3.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2277	0.2183	0.0093	4.3%	0.2204	0.2111	0.0093	4.4%	
4.0	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1085	0.0991	0.0093	9.4%	0.1012	0.0919	0.0093	10.1%	
3.10	SALES UNIT RATE	\$/GJ	5.9256	5.6830	0.2426	4.3%	5.7370	5.4956	0.2414	4.4%	
3.11	T-SERVICE UNIT RATE	\$/GJ	2.8228	2.5804	0.2424	9.4%	2.6342	2.3930	0.2412	10.1%	
<b>Rate 145 - Small Industrial Interr.</b>											
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>							
				(A) - (B)	%			(A) - (B)	%		
4.1	VOLUME	m <sup>3</sup>	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%	
4.2	CUSTOMER CHG.	\$	1,574.88	1,553.28	21.60	1.4%	1,574.88	1,553.28	21.60	1.4%	
4.3	DISTRIBUTION CHG.	\$	22,065.17	18,937.39	3,127.78	16.5%	35,562.76	30,054.56	5,508.20	18.3%	
4.4	LOAD BALANCING	\$	13,421.90	13,412.13	9.77	0.1%	23,686.05	23,668.97	17.07	0.1%	
4.5	SALES COMMDTY	\$	40,434.22	40,431.92	2.31	0.0%	71,354.50	71,350.43	4.07	0.0%	
4.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
4.7	TOTAL SALES	\$	77,496.18	74,334.71	3,161.46	4.3%	132,178.19	126,627.25	5,550.95	4.4%	
4.8	TOTAL T-SERVICE	\$	37,061.95	33,902.80	3,159.16	9.3%	60,823.69	55,276.81	5,546.87	10.0%	
4.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.2285	0.2192	0.0093	4.3%	0.2208	0.2116	0.0093	4.4%	
4.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1093	0.1000	0.0093	9.3%	0.1016	0.0923	0.0093	10.0%	
4.11	SALES UNIT RATE	\$/GJ	5.9468	5.7042	0.2426	4.3%	5.7476	5.5063	0.2414	4.4%	
4.12	T-SERVICE UNIT RATE	\$/GJ	2.8440	2.6016	0.2424	9.3%	2.6449	2.4037	0.2412	10.0%	
<b>Rate 145 - Average Industrial Interr.</b>											
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>							
				(A) - (B)	%			(A) - (B)	%		

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

(A) EB-2021-0147 vs (B) EB-2021-0070

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 110 - Small Ind. Firm - 50% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
5.1	VOLUME	m <sup>3</sup>	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,454.64	7,351.92	102.72	1.4%	7,454.64	7,351.92	102.72	1.4%
5.3	DISTRIBUTION CHG.	\$	14,988.20	14,663.76	324.43	2.2%	245,781.06	240,432.98	5,348.07	2.2%
5.4	LOAD BALANCING	\$	25,418.82	25,410.50	8.31	0.0%	423,646.41	423,507.88	138.53	0.0%
5.5	SALES COMMDTY	\$	71,331.86	71,328.10	3.76	0.0%	1,188,862.88	1,188,800.27	62.61	0.0%
5.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
5.7	TOTAL SALES	\$	119,193.51	118,754.29	439.22	0.4%	1,865,744.99	1,860,093.06	5,651.93	0.3%
5.8	TOTAL T-SERVICE	\$	47,861.65	47,426.19	435.47	0.9%	676,882.11	671,292.79	5,589.32	0.8%
5.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.1991	0.1984	0.0007	0.4%	0.1870	0.1865	0.0006	0.3%
5.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0800	0.0792	0.0007	0.9%	0.0679	0.0673	0.0006	0.8%
5.11	SALES UNIT RATE	\$/GJ	5.1830	5.1639	0.0191	0.4%	4.8678	4.8531	0.0147	0.3%
5.12	T-SERVICE UNIT RATE	\$/GJ	2.0812	2.0623	0.0189	0.9%	1.7660	1.7514	0.0146	0.8%
<b>Rate 110 - Average Ind. Firm - 75% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	
6.1	VOLUME	m <sup>3</sup>	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,454.64	7,351.92	102.72	1.4%	7,901.28	7,792.32	108.96	1.4%
6.3	DISTRIBUTION CHG.	\$	195,946.70	191,279.11	4,667.59	2.4%	1,084,344.25	1,010,604.43	73,739.81	7.3%
6.4	LOAD BALANCING	\$	423,646.37	423,507.84	138.53	0.0%	2,879,800.26	2,879,301.24	499.02	0.0%
6.5	SALES COMMDTY	\$	1,188,862.76	1,188,800.15	62.61	0.0%	8,322,040.51	8,321,602.27	438.24	0.0%
6.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
6.7	TOTAL SALES	\$	1,815,910.47	1,810,939.03	4,971.45	0.3%	12,294,086.29	12,219,300.26	74,786.03	0.6%
6.8	TOTAL T-SERVICE	\$	627,047.71	622,138.87	4,908.84	0.8%	3,972,045.79	3,897,697.99	74,347.79	1.9%
6.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.1820	0.1815	0.0005	0.3%	0.1761	0.1750	0.0011	0.6%
6.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0629	0.0624	0.0005	0.8%	0.0569	0.0558	0.0011	1.9%
6.11	SALES UNIT RATE	\$/GJ	4.7378	4.7248	0.0130	0.3%	4.5823	4.5544	0.0279	0.6%
6.12	T-SERVICE UNIT RATE	\$/GJ	1.6360	1.6232	0.0128	0.8%	1.4805	1.4528	0.0277	1.9%
<b>Rate 115 - Large Ind. Firm - 80% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		
				(A) - (B)	%			(A) - (B)	%	

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

**(A) EB-2021-0147 vs (B) EB-2021-0070**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
<b>Rate 135 - Seasonal Firm</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>						
				(A) - (B)	%					
7.1	VOLUME	m <sup>3</sup>	598,567	598,567	0	0.0%				
7.2	CUSTOMER CHG.	\$	1,470.24	1,450.08	20.16	1.4%				
7.3	DISTRIBUTION CHG.	\$	11,924.11	11,354.10	570.00	5.0%				
7.4	LOAD BALANCING	\$	19,161.03	19,158.98	2.05	0.0%				
7.5	SALES COMMDTY	\$	71,376.00	71,371.63	4.37	0.0%				
7.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%				
7.7	TOTAL SALES	\$	103,931.38	103,334.79	596.59	0.6%				
7.8	TOTAL T-SERVICE	\$	32,555.38	31,963.16	592.22	1.9%				
7.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.1736	0.1726	0.0010	0.6%				
7.10	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0544	0.0534	0.0010	1.9%				
7.11	SALES UNIT RATE	\$/GJ	4.5194	4.4934	0.0259	0.6%				
7.12	T-SERVICE UNIT RATE	\$/GJ	1.4156	1.3899	0.0258	1.9%				
<b>Rate 170 - Average Ind. Interr. - 50% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>						
				(A) - (B)	%					
			9,976,121	9,976,121	0	0.0%				
			3,551.16	3,502.32	48.84	1.4%				
			94,727.44	83,473.38	11,254.06	13.5%				
			303,012.65	302,876.21	136.45	0.0%				
			1,188,862.86	1,188,800.26	62.60	0.0%				
			0.00	0.00	0.00	0.0%				
			1,590,154.12	1,578,652.17	11,501.95	0.7%				
			401,291.25	389,851.90	11,439.35	2.9%				
			0.1594	0.1582	0.0012	0.7%				
			0.0402	0.0391	0.0011	2.9%				
			4.1488	4.1188	0.0300	0.7%				
			1.0470	1.0171	0.0298	2.9%				
<b>Rate 170 - Average Ind. Interr. - 75% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>						
				(A) - (B)	%					
8.1	VOLUME	m <sup>3</sup>	9,976,120	9,976,120	0	0.0%				
8.2	CUSTOMER CHG.	\$	3,551.16	3,502.32	48.84	1.4%				
8.3	DISTRIBUTION CHG.	\$	87,071.39	75,940.68	11,130.71	14.7%				
8.4	LOAD BALANCING	\$	303,012.62	302,876.18	136.45	0.0%				
8.5	SALES COMMDTY	\$	1,188,862.74	1,188,800.14	62.60	0.0%				
8.6	FEDERAL CARBON CHARGE	\$	0.00	0.00	0.00	0.0%				
8.7	TOTAL SALES	\$	1,582,497.92	1,571,119.32	11,378.60	0.7%				
8.8	TOTAL T-SERVICE	\$	393,635.17	382,319.18	11,316.00	3.0%				
8.9	SALES UNIT RATE	\$/m <sup>3</sup>	0.1586	0.1575	0.0011	0.7%				
8.1	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.0395	0.0383	0.0011	3.0%				
8.11	SALES UNIT RATE	\$/GJ	4.1288	4.0991	0.0297	0.7%				
8.12	T-SERVICE UNIT RATE	\$/GJ	1.0270	0.9975	0.0295	3.0%				
<b>Rate 170 - Large Ind. Interr. - 75% LF</b>										
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>						
				(A) - (B)	%					
			69,832,850	69,832,850	0	0.0%				
			3,551.16	3,502.32	48.84	1.4%				
			491,831.90	414,046.23	77,785.67	18.8%				
			2,121,088.67	2,120,133.53	955.14	0.0%				
			8,322,040.40	8,321,602.19	438.21	0.0%				
			0.00	0.00	0.00	0.0%				
			10,938,512.14	10,859,284.28	79,227.86	0.7%				
			2,616,471.73	2,537,682.08	78,789.65	3.1%				
			0.1566	0.1555	0.0011	0.7%				
			0.0375	0.0363	0.0011	3.1%				
			4.0770	4.0475	0.0295	0.7%				
			0.9752	0.9458	0.0294	3.1%				

**N/A**

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EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> ) (a)	Current Approved Revenue (2) (\$000's) (b)	Current Approved Rates (3) (cents/m <sup>3</sup> ) (c) = (b)/(a)	Price Cap Index 1.4% (4) (\$000's) (d) = (b) x 1.4%	Price Cap Index % (e)
Rate 1 General Service							
1	Customer Charge	bills	24,180,918	503,615	20.83	7,051	
Delivery Charge							
2	First 30 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	710,995	49,379	6.9450	691	
3	Next 55 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	990,294	62,647	6.3261	877	
4	Next 85 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	1,104,189	64,500	5.8414	903	
5	Over 170 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	2,134,511	116,974	5.4801	1,638	
6	Delivery charge		<u>4,939,989</u>	<u>293,499</u>	-	<u>4,109</u>	<u>1.4%</u>
7	Total Delivery		<u>4,939,989</u>	<u>797,114</u>	-	<u>11,160</u>	<u>1.4%</u>
8	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	4,750,232	16,971	0.3573	238	
9	Transportation	10 <sup>3</sup> m <sup>3</sup>	4,634,556	1,136	0.0245	16	
10	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	82,881	7	0.0082	0	
11	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	4,583,611	3,714	0.0810	52	
12	Total Rate 1		<u>4,939,989</u>	<u>818,941</u>	-	<u>11,465</u>	<u>1.4%</u>

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Page 2 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 8 and Line 11 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Page 5, Table 2.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 1 General Service							
1	Customer Charge	bills	-	510,665	-	24,180,918	21.12
Delivery Charge							
2	First 30 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	50,070	(9,954)	701,041	7.1422
3	Next 55 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	63,524	(13,864)	976,430	6.5057
4	Next 85 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	65,403	(15,459)	1,088,730	6.0073
5	Over 170 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	118,611	(29,883)	2,104,628	5.6357
6	Delivery charge		-	297,608	(69,160)	4,870,830	-
7	Total Delivery		-	808,273	(69,160)	4,870,830	-
8	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	17,208	-	4,750,232	0.3623
9	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	1,152	-	4,634,556	0.0248
10	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	7	-	82,881	0.0083
11	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	3,766	-	4,583,611	0.0822
12	Total Rate 1		-	830,406	(69,160)	4,870,830	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 10, Page 1, Col. (c).

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index 1.4% (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	
Rate 6 General Service							
1	Customer Charge	bills	2,010,770	146,574	72.89	2,052	
	Delivery Charge						
2	First 500 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	557,303	39,899	7.1593	559	
3	Next 1,050 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	626,715	31,169	4.9734	436	
4	Next 4,500 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	1,108,874	38,175	3.4427	534	
5	Next 7,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	720,768	17,725	2.4592	248	
6	Next 15,250 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	654,926	13,244	2.0222	185	
7	Over 28,300 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	1,198,524	22,922	1.9125	321	
8	Delivery charge		4,867,110	163,135	-	2,284	1.4%
9	Total Delivery		4,867,110	309,708	-	4,336	1.4%
10	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	4,829,758	16,196	0.3353	227	
11	Transportation	10 <sup>3</sup> m <sup>3</sup>	3,620,680	887	0.0245	12	
12	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	895,132	73	0.0082	1	
13	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	3,121,315	3,222	0.1032	45	
14	Total Rate 6		4,867,110	330,086	-	4,621	1.4%

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 4 of 26, Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 10 and Line 13 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 6 General Service							
1	Customer Charge	bills		148,626	-	2,010,770	73.91
	Delivery Charge						
2	First 500 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>		40,458	(23,407)	533,897	7.5778
3	Next 1,050 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>		31,606	(26,322)	600,393	5.2642
4	Next 4,500 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>		38,710	(46,573)	1,062,302	3.6439
5	Next 7,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>		17,974	(30,272)	690,496	2.6030
6	Next 15,250 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>		13,429	(27,507)	627,419	2.1404
7	Over 28,300 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>		23,242	(50,338)	1,148,186	2.0243
8	Delivery charge		-	165,418	(204,419)	4,662,692	-
9	Total Delivery		0	314,044	(204,419)	4,662,692	-
10	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	16,422	-	4,829,758	0.3400
11	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	900	-	3,620,680	0.0248
12	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	74	-	895,132	0.0083
13	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	3,267	-	3,121,315	0.1047
14	Total Rate 6		0	334,707	(204,419)	-	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 10, Page 1, Col. (c).



EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	(e)
Rate 9 General Service							
1	Customer Charge	bills	-	-	245.71	-	1.4%
Delivery Charge							
2	First 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	-	11.7140	-	1.4%
3	Over 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	-	10.9646	-	1.4%
4	Delivery charge		0	-	-	0	0.0%
5	Total Delivery		0	-	-	0	0.0%
6	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	-	0.0204	-	1.4%
7	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	-	0.0245	-	1.4%
8	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	-	0.0081	-	1.4%
9	Gas Supply	10 <sup>3</sup> m <sup>3</sup>	-	-	0.0449	-	1.4%
10	Total Rate 9		0	0	-	0	0.0%

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 6 of 26, Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 6 and Line 9 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j) = (c) x (1 + (e))
Rate 9 General Service							
1	Customer Charge	bills	-	-	-	-	249.15
	Delivery Charge						
2	First 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	11.8780
3	Over 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	11.1181
4	Delivery charge		0	0	0	0	-
5	Total Delivery		0	0	0	0	-
6	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0207
7	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0249
8	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0083
9	Gas Supply	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0455
10	Total Rate 9		0	0	0	0	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 10, Page 1, Col. (c).

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index 1.4% (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	(e)
Rate 100 General Service							
1	Customer Charge	bills	-	-	127.05	-	1.4%
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	-	37.4885	-	1.4%
3	Delivery Charge						
3	Per cubic metre of gas delivered	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	1.4%
4	Delivery charge		0	0	-	-	0.0%
5	Total Delivery		0	0	-	-	0.0%
6	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	-	0.3334	-	1.4%
7	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	-	0.0245	-	1.4%
8	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	-	0.0081	-	1.4%
9	Gas Supply	10 <sup>3</sup> m <sup>3</sup>	-	-	0.1034	-	1.4%
10	Total Rate 100		0	0	-	-	0.0%

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 8 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 6 and Line 9 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j) = (c) x (1 + (e))
Rate 100 General Service							
1	Customer Charge	bills	-	-	-	-	128.83
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	38.0133
3	Delivery Charge						
3	Per cubic metre of gas delivered	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0000
4	Delivery charge		0	0	0	0	-
5	Total Delivery		0	0	0	0	-
6	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.3381
7	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0249
8	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.0083
9	Gas Supply	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	0.1048
10	Total Rate 100		0	0	0	0	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 1, Col. (c).

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index 1.4% (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	
Rate 110 Contract Service							
1	Customer Charge	bills	3,180	1,945	611.66	27	1.4%
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	48,218	11,503	23.8573	161	1.4%
Delivery Charge							
3	First 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	630,264	2,230	0.3539	31	
4	Over 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	146,909	287	0.1953	4	
5	Delivery charge		<u>777,173</u>	<u>2,517</u>	<u>-</u>	<u>35</u>	<u>1.4%</u>
6	Total Delivery		<u>777,173</u>	<u>15,966</u>	<u>-</u>	<u>224</u>	<u>1.4%</u>
7	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	789,036	589	0.0747	8	
8	Transportation	10 <sup>3</sup> m <sup>3</sup>	216,486	53	0.0245	1	
9	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	474,890	39	0.0082	1	
10	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	56,322	25	0.0448	0	
11	Total Rate 110		<u>777,173</u>	<u>16,672</u>	<u>-</u>	<u>233</u>	<u>1.4%</u>

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 10 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 7 and Line 10 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 110 Contract Service							
1	Customer Charge	bills	-	1,972	-	3,180	620.22
2	Contract Demand		-	11,665	-	48,218	24.1913
Delivery Charge							
3	First 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	2,262	(2,191)	628,073	0.3601
4	Over 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	291	(511)	146,398	0.1987
5	Delivery charge		-	2,553	(2,702)	774,471	-
6	Total Delivery		-	16,189	(2,702)	774,471	-
7	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	598	-	789,036	0.0757
8	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	54	-	216,486	0.0248
9	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	39	-	474,890	0.0083
10	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	26	-	56,322	0.0455
11	Total Rate 110		-	16,906	(2,702)	-	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 1, Col. (c).

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> ) (a)	Current Approved Revenue (2) (\$000's) (b)	Current Approved Rates (3) (cents/m <sup>3</sup> ) (c) = (b)/(a)	Price Cap Index (4) (\$000's) (d) = (b) x 1.4%	Price Cap Index % (e)
Rate 115 Contract Service							
1	Customer Charge	bills	324	210	648.36	3	1.4%
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	20,166	5,116	25.3672	72	1.4%
Delivery Charge							
3	First 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	168,766	(55)	(0.0324)	-	
4	Over 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	367,497	(491)	(0.1336)	-	
5	Delivery charge		536,263	(546)	-	-	0.0%
6	Total Delivery		536,263	4,780	-	75	
7	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	542,831	144	0.0265	2	1.4%
8	Transportation	10 <sup>3</sup> m <sup>3</sup>	11,292	3	0.0245	0	1.4%
9	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	362,012	30	0.0082	0	1.4%
10	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	
11	Total Rate 115		536,263	4,956	-	77	

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 12 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 7 and Line 10 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 115 Contract Service							
1	Customer Charge	bills	-	213	-	324	657.44
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	5,187	-	20,166	25.7224
Delivery Charge							
3	First 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(55)	(1,065)	167,701	(0.0326)
4	Over 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(491)	(2,319)	365,178	(0.1345)
5	Delivery charge		-	(546)	(3,384)	532,879	-
6	Total Delivery		-	4,855	(3,384)	532,879	-
7	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	146	-	542,831	0.0269
8	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	3	-	11,292	0.0249
9	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	30	-	362,012	0.0083
10	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	-
11	Total Rate 115		-	5,033	(3,384)	-	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 1, Col. (c).



EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	
Rate 125 Contract Service							
1	Customer Charge	bills	48	25	520.67	0	
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	111,124	11,510	10.3582	161	1.4%
3	Total Delivery		111,124	11,535	-	161	1.4%
4	Total Rate 125		111,124	11,535	-	161	1.4%

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 14 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 125 Contract Service							
1	Customer Charge	bills	-	25	-	48	527.96
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	11,672	-	111,124	10.5032
3	Total Delivery		0	11,697	0	111,124	-
4	Total Rate 125		0	11,697	0	-	-

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> ) (a)	Current Approved Revenue (2) (\$000's) (b)	Current Approved Rates (3) (cents/m <sup>3</sup> ) (c) = (b)/(a)	Price Cap Index 1.4% (4) (\$000's) (d) = (b) x 1.4%	Price Cap Index % (e)
<u>Winter (December to March)</u>							
Rate 135 Contract Service							
1	Customer Charge	bills	172	21	119.8382	0	
Delivery Charge							
2	First 14,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	639	46	7.1807	1	
3	Next 28,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	989	58	5.8683	1	
4	Over 42,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	1,949	105	5.4022	1	
5	Delivery charge		3,576	209	-	3	1.4%
6	Total Delivery		3,576	230	-	3	1.4%
<u>Summer (April to November)</u>							
Rate 135 Contract Service							
7	Customer Charge	bills	344	41	119.8382	1	
Delivery Charge							
8	First 14,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	4,395	89	2.0234	1	
9	Next 28,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	8,513	108	1.2718	2	
10	For all over 42,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	46,701	491	1.0518	7	
11	Delivery charge		59,608	688	-	10	1.4%
12	Total Delivery		59,608	730	-	10	1.4%
13	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	64,501	-	-	-	
14	Transportation	10 <sup>3</sup> m <sup>3</sup>	18,862	5	0.0245	0	
15	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	39,641	3	0.0082	0	
16	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	4,473	2	0.0522	0	
17	Total Rate 135		63,184	970	-	14	1.4%

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 16 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 13 and Line 16 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
<u>Winter (December to March)</u>							
Rate 135 Contract Service							
1	Customer Charge	bills	-	21	-	172	121.52
Delivery Charge							
2	First 14,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	46	(10)	629	7.3956
3	Next 28,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	59	(14)	975	6.0354
4	Over 42,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	107	(20)	1,929	5.5342
5	Delivery charge		-	212	(44)	3,532	-
6	Total Delivery		-	233	(44)	3,532	-
<u>Summer (April to November)</u>							
Rate 135 Contract Service							
7	Customer Charge	bills	(1)	42	-	344	121.5160
Delivery Charge							
8	First 14,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	0	90	(68)	4,327	2.0839
9	Next 28,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	0	110	(120)	8,393	1.3080
10	For all over 42,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	0	498	(476)	46,225	1.0775
11	Delivery charge		1	698	(663)	58,945	-
12	Total Delivery		-	740	(663)	58,945	-
13	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	-	-	64,501	-
14	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	5	-	18,862	0.0249
15	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	3	-	39,641	0.0083
16	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	2	-	4,473	0.0529
17	Total Rate 135		-	983	(707)	-	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 1, Col. (c).

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> ) (a)	Current Approved Revenue (2) (\$000's) (b)	Current Approved Rates (3) (cents/m <sup>3</sup> ) (c) = (b)/(a)	Price Cap Index 1.4% (4) (\$000's) (d) = (b) x 1.4%	Price Cap Index % (e)
Rate 145 Contract Service							
1	Customer Charge	bills	432	55	128.44	1	1.4%
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	9,242	792	8.5703	11	1.4%
Delivery Charge							
3	First 14,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	5,085	(38)	(0.7404)	-	
4	Next 28,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	9,097	(192)	(2.1144)	-	
5	Over 42,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	35,393	(949)	(2.6799)	-	
6	Delivery charge		49,576	(1,179)	-	-	0.0%
7	Total Delivery		49,576	(331)	-	12	
8	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	50,136	84	0.1675	1	1.4%
9	Transportation	10 <sup>3</sup> m <sup>3</sup>	10,692	3	0.0245	0	1.4%
10	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	25,167	2	0.0082	0	1.4%
11	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	8,575	4	0.0486	0	1.4%
12	Total Rate 145		49,576	(238)	-	13	

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 18 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 8 and Line 11 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B1, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 145 Contract Service							
1	Customer Charge	bills	-	56	-	432	130.24
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	803	-	9,242	8.6903
Delivery Charge							
3	First 14,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(38)	-	5,085	(0.7404)
4	Next 28,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(192)	-	9,097	(2.1144)
5	Over 42,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(949)	-	35,393	(2.6799)
6	Delivery charge		-	(1,179)	-	49,576	-
7	Total Delivery		-	(319)	-	49,576	-
8	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	85	-	50,136	0.1698
9	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	3	-	10,692	0.0249
10	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	2	-	25,167	0.0083
11	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	4	-	8,575	0.0493
12	Total Rate 145		-	(225)	-	-	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 1, Col. (c).

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> ) (a)	Current Approved Revenue (2) (\$000's) (b)	Current Approved Rates (3) (cents/m <sup>3</sup> ) (c) = (b)/(a)	Price Cap Index 1.4% (4) (\$000's) (d) = (b) x 1.4%	Price Cap Index % (e)
Rate 170 Contract Service							
1	Customer Charge	bills	300	87	290.86	1	1.4%
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	32,846	1,399	4.2591	20	1.4%
Delivery Charge							
3	First 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	190,573	(994)	(0.5218)	-	
4	Over 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	95,695	(694)	(0.7253)	-	
5	Delivery charge		286,267	(1,689)	-	-	0.0%
6	Total Delivery		286,267	(202)	-	21	
7	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	291,152	213	0.0732	3	1.4%
8	Transportation	10 <sup>3</sup> m <sup>3</sup>	42,446	10	0.0245	0	1.4%
9	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	171,438	14	0.0082	0	1.4%
10	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	34,475	15	0.0448	0	1.4%
11	Total Rate 170		286,267	51	-	24	

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 20 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 7 and Line 10 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (5) (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 170 Contract Service							
1	Customer Charge	bills	-	88	-	300	294.93
2	Contract Demand		-	1,419	-	32,846	4.3187
Delivery Charge							
3	First 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(994)	(212)	190,361	(0.5224)
4	Over 1,000,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	-	(694)	(106)	95,589	(0.7261)
5	Delivery charge		-	(1,689)	(318)	285,950	-
6	Total Delivery		-	(181)	(318)	285,950	-
7	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	216	-	291,152	0.0742
8	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	11	-	42,446	0.0249
9	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	14	-	171,438	0.0083
10	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	16	-	34,475	0.0454
11	Total Rate 170		-	75	(318)	-	-

Note:

(5) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 1, Col. (c).



EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index 1.4% (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	
Rate 200 Contract Service							
1	Customer Charge	bills	12	-	-	-	
2	Contract Demand Delivery Charge	10 <sup>3</sup> m <sup>3</sup>	14,801	2,266	15.3078	32	1.4%
3	Per cubic metre of Gas Delivered	10 <sup>3</sup> m <sup>3</sup>	169,764	(72)	(0.0426)	-	
4	Delivery charge		169,764	(72)	-	-	0.0%
5	Total Delivery		169,764	2,193	-	32	
6	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	169,764	551	0.3244	8	1.4%
7	Transportation	10 <sup>3</sup> m <sup>3</sup>	129,627	32	0.0245	0	1.4%
8	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	40,137	3	0.0082	0	1.4%
9	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	129,627	58	0.0448	1	1.4%
10	Total Rate 200		169,764	2,837	-	41	

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 22 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).  
Line 6 and Line 9 are adjusted to reflect 2021 QRAM changes.
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 200 Contract Service							
1	Customer Charge	bills	-	-	-	12	-
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	2,297	-	14,801	15.5221
3	Delivery Charge						
3	Per cubic metre of Gas Delivered	10 <sup>3</sup> m <sup>3</sup>	-	(72)	-	169,764	(0.0426)
4	Delivery charge		0	(72)	0	169,764	-
5	Total Delivery		0	2,225	0	169,764	-
6	Load Balancing	10 <sup>3</sup> m <sup>3</sup>	-	558	-	169,764	0.3290
7	Transportation	10 <sup>3</sup> m <sup>3</sup>	-	32	-	129,627	0.0248
8	Transportation Dawn	10 <sup>3</sup> m <sup>3</sup>	-	3	-	40,137	0.0083
9	Gas Supply Commodity - System	10 <sup>3</sup> m <sup>3</sup>	-	59	-	129,627	0.0454
10	Total Rate 200		0	2,878	0	-	-

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (10 <sup>3</sup> m <sup>3</sup> )	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (cents/m <sup>3</sup> )	Price Cap Index 1.4% (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c) = (b)/(a)	(d) = (b) x 1.4%	
Rate 300 Contract Service							
1	Customer Charge	bills	12	6	520.67	0	
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	187	46	24.6237	1	1.4%
3	Total Delivery		0	52	-	1	1.4%
4	Total Rate 300		0	52	-	1	1.4%

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 24 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> ) (h)	Proposed Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (i) = (a+h)	Proposed Rates (cents/m <sup>3</sup> ) (j)=(g)/(i)
Rate 300 Contract Service							
1	Customer Charge	bills	-	6	-	12	527.96
2	Contract Demand	10 <sup>3</sup> m <sup>3</sup>	-	47	-	187	24.9685
3	Total Delivery		0	53	0	0	-
4	Total Rate 300		0	53	0	0	-

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Current Approved Forecast Usage (1) (GJ)	Current Approved Revenue (2) (\$000's)	Current Approved Rates (3) (\$/GJ)	Price Cap Index 1.4% (4) (\$000's)	Price Cap Index % (e)
			(a)	(b)	(c)=(b)/(a)/12	(d) = (b) x 1.4%	
Rate 332 Transportation Service							
1	Monthly Contract Demand	GJ	1,200,000	18,107	1.2574	253	1.4%
2	Total Rate 332		<u>1,200,000</u>	<u>18,107</u>	-	<u>253</u>	<u>1.4%</u>

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order Working Papers Schedule 5, Page 26 of 26 , Col. (i).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 2, Col. (i).
- (3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Page 1 - 3, Col. (a).
- (4) Exhibit B, Tab 1, Schedule 1, Table 2, Page 5.

EGD Rate Zone  
Derivation of 2022 Base Delivery Rates  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Monthly Customer Charge Adjustment (\$000's) (f)	Proposed Revenue (\$000's) (g) = (b+d+f)	Average Use/LRAM Usage Adjustment (GJ) (h)	Proposed Forecast Usage (GJ) (i) = (a+h)	Proposed Rates (\$/GJ) (c)=(g)/(i)/12
Rate 332 Transportation Service							
1	Monthly Contract Demand	GJ	-	18,360	-	1,200,000	1.2750
2	Total Rate 332		0	18,360	0	1,200,000	-

EGD Rate Zone  
SUMMARY OF PROPOSED UNIT RATES BY RATE CLASS

							EB-2021-0070		
							Approved		
Line No.	Rate No.	Particulars	Rate Block (m <sup>3</sup> )	2022 PCI Rates (1) (cents/m <sup>3</sup> *)	2022 DSM Rates (2) (cents/m <sup>3</sup> *)	2020 ICM Rates (3) (cents/m <sup>3</sup> *)	2022 Total Distribution Rates (cents/m <sup>3</sup> *)	EB-2021-0070 Approved April 1, 2021 Gas Cost (4) (cents/m <sup>3</sup> *)	2022 Proposed Rates (cents/m <sup>3</sup> *)
				(a)	(b)	(c)	(d) = (a+b+c)	(e)	(f) = (d+e)
<b>RATE 1</b>									
1.01		Customer Charge		\$21.12			\$21.12		\$21.12
1.02		Delivery Charge	First 30	7.1422	0.7720	0.0235	7.9377	1.9709	9.9086
1.03			Next 55	6.5057	0.7720	0.0235	7.3012	1.9738	9.2750
1.04			Next 85	6.0073	0.7720	0.0235	6.8028	1.9761	8.7789
1.05			Over 170	5.6357	0.7720	0.0235	6.4313	1.9778	8.4090
1.06		Gas Supply Load Balancing		0.3623			0.3623	0.6949	1.0572
1.07		Gas Supply Transportation		0.0248			0.0248	4.0188	4.0436
1.08		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
1.09		Gas Supply Commodity - System		0.0822			0.0822	11.8717	11.9538
<b>RATE 6</b>									
2.01		Customer Charge		\$73.91			\$73.91		\$73.91
2.02		Delivery Charge	First 500	7.5778	0.4461	0.0212	8.0451	1.6536	9.6987
2.03			Next 1,050	5.2642	0.4461	0.0212	5.7314	1.6644	7.3959
2.04			Next 4,500	3.6439	0.4461	0.0212	4.1112	1.6720	5.7832
2.05			Next 7,000	2.6030	0.4461	0.0212	3.0703	1.6769	4.7472
2.06			Next 15,250	2.1404	0.4461	0.0212	2.6077	1.6790	4.2868
2.07			Over 28,300	2.0243	0.4461	0.0212	2.4916	1.6796	4.1712
2.08		Gas Supply Load Balancing		0.3400			0.3400	0.6489	0.9889
2.09		Gas Supply Transportation		0.0248			0.0248	4.0188	4.0436
2.10		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
2.11		Gas Supply Commodity - System		0.1047			0.1047	11.8717	11.9763
<b>RATE 9</b>									
3.01		Customer Charge		\$249.15			\$249.15		\$249.15
3.02		Delivery Charge	First 20,000	11.8780	0.0000	0.0000	11.8780	0.0065	11.8846
3.03			Over 20,000	11.1181	0.0000	0.0000	11.1181	0.0065	11.1246
3.04		Gas Supply Load Balancing		0.0207			0.0207	(0.0073)	0.0134
3.05		Gas Supply Transportation		0.0249			0.0249	4.0187	4.0436
3.06		Gas Supply Transportation Dawn		0.0083			0.0083	0.9622	0.9704
3.07		Gas Supply Commodity - System		0.0455			0.0455	11.8715	11.9170
<b>RATE 100</b>									
4.01		Customer Charge		\$128.83			\$128.83		\$128.83
4.02		Demand Charge (Cents/Month/m <sup>3</sup> )		38.0133		0.1002	38.1135		38.1135
4.03		Delivery Charge	First 14,000	0.0000	0.0000		0.0000	0.1785	0.1785
4.04			Next 28,000	0.0000	0.0000		0.0000	0.1785	0.1785
4.05			Over 42,000	0.0000	0.0000		0.0000	0.1785	0.1785
4.06		Gas Supply Load Balancing		0.3381			0.3381	0.6507	0.9888
4.07		Gas Supply Transportation		0.0249			0.0249	4.0187	4.0436
4.08		Gas Supply Transportation Dawn		0.0083			0.0083	0.9622	0.9704
4.09		Gas Supply Commodity - System		0.1048			0.1048	11.8715	11.9763
<b>RATE 110</b>									
5.01		Customer Charge		\$620.22			\$620.22		\$620.22
5.02		Demand Charge (Cents/Month/m <sup>3</sup> )		24.1913		0.1293	24.3206		24.3206
5.03		Delivery Charge	First 1,000,000	0.3601	0.2028		0.5629	0.3294	0.8924
5.04			Over 1,000,000	0.1987	0.2028		0.4016	0.3294	0.7310
5.05		Gas Supply Load Balancing		0.0757			0.0757	0.1273	0.2030
5.06		Gas Supply Transportation		0.0248			0.0248	4.0188	4.0436
5.07		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
5.08		Gas Supply Commodity - System		0.0455			0.0455	11.8716	11.9171

Notes:

\* Cents/m<sup>3</sup> unless otherwise noted.

(1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Col. (j).

(2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 1 Col. (c).

(3) EB-2019-0194, Filed 2020-05-25, Exhibit B, Tab 2, Schedule 1, Appendix G, Page 1, Col. (d).

(4) EB-2021-0070 (GRAM Application), Exhibit C, Tab 4, Sch 3, Pages 1 - 4, Col (5) - Exhibit D, Tab 1, Rate Order, Working Papers Schedule 6, Page 4 - 5 Col. (a).

EGD Rate Zone  
SUMMARY OF PROPOSED UNIT RATES BY RATE CLASS (con't)

Line No.	Rate No.	Particulars	Rate Block (m <sup>3</sup> )	2022 PCI	2022 DSM	2020 ICM	2022 Total	EB-2021-0070	2022 Proposed
				Rates (1) (cents/m <sup>3</sup> *)	Rates (2) (cents/m <sup>3</sup> *)	Rates (3) (cents/m <sup>3</sup> *)	Distribution Rates (cents/m <sup>3</sup> *)	Approved April 1, 2021 Gas Cost (4) (cents/m <sup>3</sup> *)	Rates (cents/m <sup>3</sup> *)
				(a)	(b)	(c)	(d) = (a+b+c)	(e)	(f) = (d+e)
<b>RATE 115</b>									
1.01		Customer Charge		\$657.44			\$657.44		\$657.44
1.02		Demand Charge (Cents/Month/m <sup>3</sup> )		25.7224		0.1718	25.8942		25.8942
1.03		Delivery Charge First 1,000,000		(0.0326)	0.3629		0.3303	0.2371	0.5674
1.04		Over 1,000,000		(0.1345)	0.3629		0.2284	0.2371	0.4655
1.05		Gas Supply Load Balancing		0.0269			0.0269	0.0533	0.0802
1.06		Gas Supply Transportation		0.0249			0.0249	4.0187	4.0436
1.07		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
1.08		Gas Supply Commodity - System		0.0455			0.0455	11.8716	11.9171
<b>RATE 125</b>									
2.01		Customer Charge		\$527.96			\$527.96		\$527.96
2.02		Delivery Charge (Cents/Month/m <sup>3</sup> of Contract Dmnd)		10.5032	0.0991	0.1816	10.7838		10.7838
<b>RATE 135 DEC - MAR</b>									
3.00		Customer Charge		\$121.52			\$121.52		\$121.52
3.01		Delivery Charge First 14,000		7.3956	0.4595	0.0002	7.8553	0.1797	8.0349
3.02		Next 28,000		6.0354	0.4595	0.0002	6.4950	0.1799	6.6749
3.03		Over 42,000		5.5342	0.4595	0.0002	5.9938	0.1798	6.1736
3.04		Gas Supply Load Balancing		0.0000			0.0000	0.0000	0.0000
3.05		Gas Supply Transportation		0.0249			0.0249	4.0188	4.0436
3.06		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
3.07		Gas Supply Commodity - System		0.0529			0.0529	11.8716	11.9245
<b>RATE 135 APR - NOV</b>									
0.01		Customer Charge		\$121.52			\$121.52		\$121.52
0.02		Delivery Charge First 14,000		2.0839	0.4595	0.0002	2.5436	0.1797	2.7233
0.03		Next 28,000		1.3080	0.4595	0.0002	1.7677	0.1797	1.9474
0.04		Over 42,000		1.0775	0.4595	0.0002	1.5372	0.1797	1.7169
0.05		Gas Supply Load Balancing		0.0000			0.0000	0.0000	0.0000
0.06		Gas Supply Transportation		0.0249			0.0249	4.0188	4.0436
0.07		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
0.08		Gas Supply Commodity - System		0.0529			0.0529	11.8716	11.9245
<b>RATE 145</b>									
4.00		Customer Charge		\$130.24			\$130.24		\$130.24
4.01		Demand Charge (Cents/Month/m <sup>3</sup> )		8.6903		0.0265	8.7168		8.7168
4.02		Delivery Charge First 14,000		(0.7404)	6.5915		5.8511	0.4449	6.2960
4.03		Next 28,000		(2.1144)	6.5915		4.4770	0.4449	4.9219
4.04		Over 42,000		(2.6799)	6.5915		3.9116	0.4449	4.3565
4.05		Gas Supply Load Balancing		0.1698			0.1698	0.2920	0.4618
4.06		Gas Supply Transportation		0.0249			0.0249	4.0187	4.0436
4.07		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
4.08		Gas Supply Commodity - System		0.0493			0.0493	11.8716	11.9209
<b>RATE 170</b>									
5.00		Customer Charge		\$294.93			\$294.93		\$294.93
5.01		Demand Charge (Cents/Month/m <sup>3</sup> )		4.3187		0.0082	4.3269		4.3269
5.02		Delivery Charge First 1,000,000		(0.5224)	0.9028		0.3804	0.2963	0.6767
5.03		Over 1,000,000		(0.7261)	0.9028		0.1767	0.2963	0.4730
5.04		Gas Supply Load Balancing		0.0742			0.0742	0.1250	0.1992
5.05		Gas Supply Transportation		0.0249			0.0249	4.0188	4.0436
5.06		Gas Supply Transportation Dawn		0.0083			0.0083	0.9621	0.9704
5.07		Gas Supply Commodity - System		0.0454			0.0454	11.8716	11.9171

Notes:

\* Cents/m<sup>3</sup> unless otherwise noted.

(1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Col. (j).

(2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 1 Col. (c).

(3) EB-2019-0194, Filed 2020-05-25, Exhibit B, Tab 2, Schedule 1, Appendix G, Page 1, Col. (d).

(4) EB-2021-0070 (QRAM Application), Exhibit C, Tab 4, Sch 3, Pages 1 - 4, Col (5) - Exhibit D, Tab 1, Rate Order, Working Papers Schedule 6, Page 4 - 5 Col. (a).



EGD Rate Zone  
 SUMMARY OF PROPOSED UNIT RATES BY RATE CLASS (con't)

Line Rate		Rate Block (m <sup>3</sup> )	2022 PCI	2022 DSM	2020 ICM	2022 Total	EB-2021-0070 Approved April 1, 2021	2022 Proposed
No.	No.		Rates (1) (cents/m <sup>3*</sup> )	Rates (2) (cents/m <sup>3*</sup> )	Rates (3) (cents/m <sup>3*</sup> )	Distribution Rates (cents/m <sup>3*</sup> )	Gas Cost (4) (cents/m <sup>3*</sup> )	Rates (cents/m <sup>3*</sup> )
			(a)	(b)	(c)	(d) = (a+b+c)	(e)	(f) = (d+e)
<b>RATE 200</b>								
1.00		Customer Charge	\$0.00			\$0.00		\$0.00
1.01		Demand Charge (Cents/Month/m <sup>3</sup> )	15.5221		0.1783	15.7004		15.7004
1.02		Delivery Charge	(0.0426)	0.0203		(0.0223)	1.2800	1.2577
1.03		Gas Supply Load Balancing	0.3290			0.3290	0.5962	0.9251
1.04		Gas Supply Transportation	0.0248			0.0248	4.0188	4.0436
1.05		Gas Supply Transportation Dawn	0.0083			0.0083	0.9621	0.9704
1.06		Gas Supply Commodity - System	0.0454			0.0454	11.8715	11.9170
1.07		Gas Supply Commodity - Buy/Sell	0.0249			0.0249	11.8708	11.8957
<b>RATE 300 FIRM SERVICE</b>								
2.00		Monthly Customer Charge	\$527.96			\$527.96		\$527.96
2.01		Demand Charge (Cents/Month/m <sup>3</sup> )	24.9685	3.9201	0.1816	29.0702		29.0702
<b>RATE 325</b>								
Transmission & Compression								
3.00		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	0.2186			0.2186		0.2186
3.01		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	24.0623			24.0623		24.0623
3.02		Commodity Charge	0.3044			0.3044	0.5752	0.8796
Storage								
3.03		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	0.2065			0.2065		0.2065
3.04		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	22.9553			22.9553		22.9553
3.05		Commodity Charge	0.0552			0.0552	0.0723	0.1275
<b>RATE 332 Transportation Service</b>								
4.00		Monthly Contract Demand Charge (\$/10 <sup>3</sup> m <sup>3</sup> )	49.1269			49.1269		49.1269
4.01		Monthly Contract Demand Charge (\$/GJ)	1.2750			1.2750		1.2750

Notes:

\* Cents/m<sup>3</sup> unless otherwise noted.

(1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Col. (j).

(2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 1 Col. (c).

(3) EB-2019-0194, Filed 2020-05-25, Exhibit B, Tab 2, Schedule 1, Appendix G, Page 1, Col. (d).

(4) EB-2021-0070 (GRAM Application), Exhibit C, Tab 4, Sch 3, Pages 1 - 4, Col (5) - Exhibit D, Tab 1, Rate Order, Working Papers Schedule 6, Page 4 - 5 Col. (a).

EGD Rate Zone  
SUMMARY OF PROPOSED UNIT RATES CHANGE BY RATE CLASS

Line No.	Rate No.	Particulars	Rate Block (m <sup>3</sup> )	EB-2021-0070		Rate Change (cents/m <sup>3</sup> *)
				Approved April 1, 2021 Rates (1) (cents/m <sup>3</sup> *)	2022 Proposed Rates (2) (cents/m <sup>3</sup> *)	
				(a)	(b)	(c) = (b-a)
<b>RATE 1</b>						
1.01		Customer Charge		\$20.83	\$21.12	\$0.29
1.02		Delivery Charge	First 30	7.7384	7.9377	0.1993
1.03			Next 55	7.1195	7.3012	0.1818
1.04			Next 85	6.6348	6.8028	0.1680
1.05			Over 170	6.2735	6.4313	0.1577
1.06		Gas Supply Load Balancing		0.3573	0.3623	0.0050
1.07		Gas Supply Transportation		0.0245	0.0248	0.0003
1.08		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
1.09		Gas Supply Commodity - System		0.0810	0.0822	0.0011
<b>RATE 6</b>						
2.01		Customer Charge		\$72.89	\$73.91	\$1.02
2.02		Delivery Charge	First 500	7.6086	8.0451	0.4365
2.03			Next 1,050	5.4227	5.7314	0.3087
2.04			Next 4,500	3.8920	4.1112	0.2193
2.05			Next 7,000	2.9085	3.0703	0.1618
2.06			Next 15,250	2.4715	2.6077	0.1362
2.07			Over 28,300	2.3618	2.4916	0.1298
2.08		Gas Supply Load Balancing		0.3353	0.3400	0.0047
2.09		Gas Supply Transportation		0.0245	0.0248	0.0003
2.10		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
2.11		Gas Supply Commodity - System		0.1032	0.1047	0.0014
<b>RATE 9</b>						
3.01		Customer Charge		245.71	\$249.15	\$3.44
3.02		Delivery Charge	First 20,000	11.7140	11.8780	0.1640
3.03			Over 20,000	10.9646	11.1181	0.1535
3.04		Gas Supply Load Balancing		0.0204	0.0207	0.0003
3.05		Gas Supply Transportation		0.0245	0.0249	0.0003
3.06		Gas Supply Transportation Dawn		0.0081	0.0083	0.0001
3.07		Gas Supply Commodity - System		0.0449	0.0455	0.0006
<b>RATE 100</b>						
4.01		Customer Charge		127.05	\$128.83	\$1.78
4.02		Demand Charge (Cents/Month/m <sup>3</sup> )		37.5887	38.1135	0.5248
4.03		Delivery Charge	First 14,000	0.0000	0.0000	0.0000
4.04			Next 28,000	0.0000	0.0000	0.0000
4.05			Over 42,000	0.0000	0.0000	0.0000
4.06		Gas Supply Load Balancing		0.3334	0.3381	0.0047
4.07		Gas Supply Transportation		0.0245	0.0249	0.0003
4.08		Gas Supply Transportation Dawn		0.0081	0.0083	0.0001
4.09		Gas Supply Commodity - System		0.1034	0.1048	0.0014
<b>RATE 110</b>						
5.01		Customer Charge		611.6561	\$620.22	\$8.56
5.02		Demand Charge (Cents/Month/m <sup>3</sup> )		23.9866	24.3206	0.3340
5.03		Delivery Charge	First 1,000,000	0.5307	0.5629	0.0322
5.04			Over 1,000,000	0.3721	0.4016	0.0294
5.05		Gas Supply Load Balancing		0.0747	0.0757	0.0010
5.06		Gas Supply Transportation		0.0245	0.0248	0.0003
5.07		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
5.08		Gas Supply Commodity - System		0.0448	0.0455	0.0006

Notes:

\* Cents/m<sup>3</sup> unless otherwise noted.

- (1) Exhibit D, Tab 1, Rate Order, Appendix A, Page 1 - 4, Column (a) - Exhibit D, Tab 1, Rate Order, Working Paper, Schedule 6, Page 1- 3, Column (e)  
 (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Pages 1 - 3, Col. (d).

EGD Rate Zone  
 SUMMARY OF PROPOSED UNIT RATES CHANGE BY RATE CLASS (con't)

Line No.	Rate No.	Particulars	Rate Block (m <sup>3</sup> )	EB-2021-0070	2022	Rate
				Approved April 1, 2021 Rates (1) (cents/m <sup>3</sup> *)	Proposed Rates (2) (cents/m <sup>3</sup> *)	Change (cents/m <sup>3</sup> *)
				(a)	(b)	(c) = (b-a)
<b>RATE 115</b>						
1.01		Customer Charge		\$648.36	\$657.44	\$9.08
1.02		Demand Charge (Cents/Month/m <sup>3</sup> )		25.5390	25.8942	0.3551
1.03		Delivery Charge First 1,000,000		0.2388	0.3303	0.0915
1.04		Over 1,000,000		0.1375	0.2284	0.0909
1.05		Gas Supply Load Balancing		0.0265	0.0269	0.0004
1.06		Gas Supply Transportation		0.0245	0.0249	0.0003
1.07		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
1.08		Gas Supply Commodity - System		0.0448	0.0455	0.0007
<hr/>						
<b>RATE 125</b>						
2.01		Customer Charge		\$520.67	\$527.96	7.29
2.02		Delivery Charge (Cents/Month/m <sup>3</sup> of Contract Dmnd)		10.6389	10.7838	0.1450
<hr/>						
<b>RATE 135 DEC - MAR</b>						
3.00		Customer Charge		119.84	\$121.52	\$1.68
3.01		Delivery Charge First 14,000		7.5808	7.8553	0.2744
3.02		Next 28,000		6.2685	6.4950	0.2266
3.03		Over 42,000		5.8023	5.9938	0.1915
3.04		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.05		Gas Supply Transportation		0.0245	0.0249	0.0003
3.06		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
3.07		Gas Supply Commodity - System		0.0522	0.0529	0.0007
<hr/>						
<b>RATE 135 APR - NOV</b>						
0.01		Customer Charge		119.84	\$121.52	\$1.68
0.02		Delivery Charge First 14,000		2.4236	2.5436	0.1200
0.03		Next 28,000		1.6720	1.7677	0.0957
0.04		Over 42,000		1.4520	1.5372	0.0852
0.05		Gas Supply Load Balancing		0.0000	0.0000	0.0000
0.06		Gas Supply Transportation		0.0245	0.0249	0.0003
0.07		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
0.08		Gas Supply Commodity - System		0.0522	0.0529	0.0007
<hr/>						
<b>RATE 145</b>						
4.00		Customer Charge		128.44	\$130.24	\$1.80
4.01		Demand Charge (Cents/Month/m <sup>3</sup> )		8.5968	8.7168	0.1200
4.02		Delivery Charge First 14,000		4.9417	5.8511	0.9094
4.03		Next 28,000		3.5676	4.4770	0.9094
4.04		Over 42,000		3.0022	3.9116	0.9094
4.05		Gas Supply Load Balancing		0.1675	0.1698	0.0023
4.06		Gas Supply Transportation		0.0245	0.0249	0.0003
4.07		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
4.08		Gas Supply Commodity - System		0.0486	0.0493	0.0007
<hr/>						
<b>RATE 170</b>						
5.00		Customer Charge		290.86	\$294.93	\$4.07
5.01		Demand Charge (Cents/Month/m <sup>3</sup> )		4.2673	4.3269	0.0596
5.02		Delivery Charge First 1,000,000		0.2714	0.3804	0.1090
5.03		Over 1,000,000		0.0680	0.1767	0.1087
5.04		Gas Supply Load Balancing		0.0732	0.0742	0.0010
5.05		Gas Supply Transportation		0.0245	0.0249	0.0003
5.06		Gas Supply Transportation Dawn		0.0082	0.0083	0.0001
5.07		Gas Supply Commodity - System		0.0448	0.0454	0.0006

Notes:

\* Cents/m<sup>3</sup> unless otherwise noted.

- (1) Exhibit D, Tab 1, Rate Order, Appendix A, Page 1 - 4, Column (a) - Exhibit D, Tab 1, Rate Order, Working Paper, Schedule 6, Page 1- 3, Column (e).  
 (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Pages 1 - 3, Col. (d).

EGD Rate Zone  
S UMMARY OF PROPOSED UNIT RATES BY RATE CLASS (con't)

Line No.	Rate No.	Particulars	EB-2021-0070 Approved April 1, 2021 Rates (1) (cents/m <sup>3*</sup> ) (m <sup>3</sup> )	2022 Proposed Rates (2) (cents/m <sup>3*</sup> ) (b)	Change (cents/m <sup>3*</sup> ) (c) = (b-a)
<b>RATE 200</b>					
1.00		Customer Charge	0.00	\$0.00	\$0.00
1.01		Demand Charge (Cents/Month/m <sup>3</sup> )	15.4861	15.7004	0.2143
1.02		Delivery Charge	(0.0216)	(0.0223)	(0.0007)
1.03		Gas Supply Load Balancing	0.3244	0.3290	0.0045
1.04		Gas Supply Transportation	0.0245	0.0248	0.0003
1.05		Gas Supply Transportation Dawn	0.0082	0.0083	0.0001
1.06		Gas Supply Commodity - System	0.0448	0.0454	0.0006
1.07		Gas Supply Commodity - Buy/Sell	0.0245	0.0249	0.0003
<b>RATE 300 FIRM SERVICE</b>					
2.00		Monthly Customer Charge	520.67	\$527.96	\$7.29
2.01		Demand Charge (Cents/Month/m <sup>3</sup> )	28.7254	29.0702	0.3447
<b>RATE 325</b>					
Transmission & Compression					
3.00		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	0.2156	0.2186	0.0030
3.01		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	23.7301	24.0623	0.3322
3.02		Commodity Charge	0.3002	0.3044	0.0042
Storage					
3.03		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	0.2036	0.2065	0.0029
3.04		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )	22.6384	22.9553	0.3169
3.05		Commodity Charge	0.0544	0.0552	0.0008
<b>RATE 332 Transportation Service</b>					
4.00		Monthly Contract Demand Charge (\$/10 <sup>3</sup> m <sup>3</sup> )	48.4487	49.1269	0.6783
4.01		Monthly Contract Demand Charge (\$/GJ)	1.2574	1.2750	0.0176

Notes:

\* Cents/m<sup>3</sup> unless otherwise noted.

- (1) Exhibit D, Tab 1, Rate Order, Appendix A , Page 1 - 4, Column (a) - Exhibit D, Tab 1, Rate Order, Working Paper, Schedule 6, Page 1- 3, Column (e).
- (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 6, Pages 1 - 3, Col. (d).

EGD Rate Zone  
Summary of Approved 2021 Revenue Changes

Line No.	Particulars (\$000's)	2021 Revenue Changes				Updated 2021 Revenue for EB-2020-0095 (e) = sum of (a:c)
		2021 Revenue EB-2020-0095 2021 Rates (1) (a)	EB-2020-0195 October 2020 QRAM (2) (b)	EB-2020-0264 January 2021 QRAM (3) (c)	EB-2021-0070 April 2021 QRAM (4) (d)	
General Service						
1	Rate 1	857,649	1,309	334	215	859,506
2	Rate 6	350,442	1,181	358	207	352,187
3	Rate 9	3	-	-	-	3
4	Total General Service	1,208,093	2,489	692	422	1,211,696
Contract Service						
5	Rate 100	2	-	-	-	2
6	Rate 110	18,427	43	16	8	18,495
7	Rate 115	6,290	8	4	2	6,303
8	Rate 125	11,847	-	-	-	11,847
9	Rate 135	1,225	0	(0)	(0)	1,225
10	Rate 145	1,352	6	2	1	1,361
11	Rate 170	2,224	16	5	3	2,248
13	Rate 200	2,841	42	12	7	2,902
14	Rate 300	60	-	-	-	60
15	Total Contract Service	44,268	116	39	21	44,444
16	Total	1,252,361	2,605	731	443	1,256,140
17	Storage	1,843	23	10	5	1,881
18	Rate 332	18,116	-	-	-	18,116
19	Total	1,272,320	2,627	741	448	1,276,136

Notes:

- (1) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 2, Col. (e).
- (2) EB-2020-0195, Exhibit C, Tab 3, Schedule 2, Page 1, Line 2, Col. 1.
- (3) EB-2020-0264, Exhibit C, Tab 3, Schedule 2, Page 1, Line 2, Col. 1.
- (4) EB-2021-0077, Exhibit C, Tab 3, Schedule 2, Page 1, Line 2, Col. 1.

EGD Rate Zone  
Summary of Approved 2021 Total Revenue

Line No.	Particulars (\$000's)	Updated 2021 Revenue for EB-2020-0095 (1) (f)	2021 DSM Revenue (2) (g)	2020 ICM Revenue (3) (h)	Total Revenue (i) = sum of (f:h)
	General Service				
1	Rate 1	859,506	(39,406)	(1,159)	818,941
2	Rate 6	352,187	(21,074)	(1,027)	330,086
3	Rate 9	3	(3)	-	-
4	Total General Service	1,211,696	(60,483)	(2,186)	1,149,027
	Contract Service				
5	Rate 100	2	-	(2)	-
6	Rate 110	18,495	(1,752)	(71)	16,672
7	Rate 115	6,303	(1,319)	(28)	4,956
8	Rate 125	11,847	(110)	(202)	11,535
9	Rate 135	1,225	(255)	(0)	970
10	Rate 145	1,361	(1,597)	(2)	(238)
11	Rate 170	2,248	(2,195)	(2)	51
13	Rate 200	2,902	(38)	(27)	2,837
14	Rate 300	60	(7)	(0)	52
15	Total Contract Service	44,444	(7,275)	(334)	36,835
16	Total	1,256,140	(67,757)	(2,521)	1,185,862
17	Storage	1,881	-	-	1,881
18	Rate 332	18,116	-	-	18,116
19	Total	1,276,136	(67,757)	(2,521)	1,205,858

Notes:

(1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 1, Col. (e).

(2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 1, Col. (a).

(3) EB-2020-0095 (Interim Rate Order), Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 7, Page 1 of 2, Col. (d).

EGD Rate Zone  
Derivation of DSM unit Rates  
Effective January 1, 2022

Line No.	Particulars	DSM Costs (1) (\$'000)	Delivery Volumes (10 <sup>6</sup> m <sup>3</sup> )	Unit Rates (¢/m <sup>3</sup> )
		(a)	(b)	(c) = (a)/(b)
	Rate Class			
	<b><u>Bundled Services</u></b>			
1	Rate 1	39,406	5,104.3	0.7720
2	Rate 6	21,074	4,724.2	0.4461
3	Rate 9	3	-	-
4	Rate 100	-	31	-
5	Rate 110	2,208	1,088.3	0.2028
6	Rate 115	1,319	363.5	0.3629
7	Rate 135	255	55.6	0.4595
8	Rate 145	1,147	17.4	6.5915
9	Rate 170	2,195	243.2	0.9028
10	Rate 200	38	188.3	0.0203
	<b><u>Unbundled Services</u></b>			
11	Rate 125 - per 10 <sup>3</sup> m <sup>3</sup> of contract demanc	110	111,124.3	0.0991
12	Rate 300 - per 10 <sup>3</sup> m <sup>3</sup> of contract deman	2	46.8	3.9201
13	Total 2022 DSM Costs	67,757		

Notes:

(1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 8, Page 2, Col. (b).

EGD Rate Zone  
2021 and 2022 DSM Budget Allocation by Rate Class

Line No.	Particulars (\$000's)	Board-Approved 2021 DSM Budget (1) (a)	Board-Approved 2022 DSM Budget (2) (b)	Change (c) = (b-a)
	<u>General Service</u>			
1	Rate 1	39,406	39,406	-
2	Rate 6	21,074	21,074	-
3	Rate 9	3	3	-
4	Total General Service	60,483	60,483	-
	<u>Contract Service</u>			
5	Rate 100	-	-	-
6	Rate 110	1,752	2,208	456
7	Rate 115	1,319	1,319	-
8	Rate 125	110	110	-
9	Rate 135	255	255	-
11	Rate 145	1,597	1,147	(450)
12	Rate 170	2,195	2,195	-
13	Rate 200	38	38	-
14	Rate 300	7	2	(6)
15	Total Contract Service	7,275	7,275	(0)
16	Total	67,757	67,757	(0)

Notes:

- (1) 2021 DSM Budget set to equal the 2020 DSM Budget for 2021 Rates as proposed in EB-2019-0271 (2021 DSM Plans).  
 (2) The 2022 DSM Budget is set to equal to Col. (a) with adjustments for Rate 110, Rate 145 and Rate 300.



**N/A**

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EGD Rate Zone  
Calculation of 2022 Average Use Target Percentage Change  
Volumetric Adjustments to Enbridge General Service Rate Classes

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	Approved 2021 Billing Units (1) (a)	2022 Average Use Target % Change (2) (b)	Change in Billing Units (c) = (a x b)	Proposed 2022 Billing Units (d) = (a+c)
<u>Rate 1 Delivery</u>					
1	First 30 m <sup>3</sup>	710,995	-1.4%	(9,954)	701,041
2	Next 55 m <sup>3</sup>	990,294	-1.4%	(13,864)	976,430
3	Next 85 m <sup>3</sup>	1,104,189	-1.4%	(15,459)	1,088,730
3	Over 170 m <sup>3</sup>	2,134,511	-1.4%	(29,883)	2,104,628
4	Total Rate 1 Delivery	4,939,989	-	(69,160)	4,870,830
<u>Rate 6 Delivery</u>					
5	First 500 m <sup>3</sup>	557,303	-4.2%	(23,407)	533,897
6	Next 1,050 m <sup>3</sup>	626,715	-4.2%	(26,322)	600,393
7	Next 4,500 m <sup>3</sup>	1,108,874	-4.2%	(46,573)	1,062,302
8	Next 7,000 m <sup>3</sup>	720,768	-4.2%	(30,272)	690,496
9	Next 15,250 m <sup>3</sup>	654,926	-4.2%	(27,507)	627,419
10	Over 28,300 m <sup>3</sup>	1,198,524	-4.2%	(50,338)	1,148,186
11	Total Rate 6 Delivery	4,867,110	-	(204,419)	4,662,692
<u>Rate 9 Delivery</u>					
12	First 20,000 m <sup>3</sup>	-	-	-	-
13	Over 20,000 m <sup>3</sup>	-	-	-	-
14	Total Rate 9 Delivery	-	-	-	-

Notes:

(1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Column (a).

(2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 10, Page 2, Col. (d).

EGD Rate Zone  
Calculation of 2022 Forecast Normalized Average Use  
Percentage Change to General Service Rate Classes

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	2021 Board-Approved Average Use (1)	2022 Forecast Average Use (2)	Normalized Average Use Variance	2022 Norm. Average Use % Change
		(a)	(b)	(c) = (a) - (b)	(d) = (c / a)
	<u>General Service</u>				
1	Rate 1	2,452	2,417	(35)	-1.4%
2	Rate 6	28,889	27,669	(1,219)	-4.2%
3	Rate 9	-	-	-	-

Notes:

- (1) 2021 Normalized Average Use calculated using 2021 weather normal.
- (2) 2022 Normalized Average Use calculated using 2022 weather normal.

EGD Rate Zone  
 Calculation of 2022 LRAM Target Percentage Change  
 Volumetric Adjustments to Enbridge Contract Service Rate Classes

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	Approved 2021 Billing Units (1)	2022 LRAM Target % Change (b) = (d-a)/(a)	Change in Billing Units (2) (c)	Proposed 2022 Billing Units (d) = (a+c)
<u>Rate 100 Delivery</u>					
1	Per cubic metre of gas delivered	-	-	-	-
2	Total Rate 100 Delivery	-	-	-	-
<u>Rate 110 Delivery</u>					
3	First 1,000,000 m <sup>3</sup>	630,264	-0.3%	(2,191)	628,073
4	Over 1,000,000 m <sup>3</sup>	146,909	-0.3%	(511)	146,398
5	Total Rate 110 Delivery	777,173		(2,702)	774,471
<u>Rate 115 Delivery</u>					
6	First 1,000,000 m <sup>3</sup>	168,766	-0.6%	(1,065)	167,701
7	Over 1,000,000 m <sup>3</sup>	367,497	-0.6%	(2,319)	365,178
8	Total Rate 115 Delivery	536,263		(3,384)	532,879
<u>Rate 135 Delivery</u>					
9	First 14,000 m <sup>3</sup>	5,033	-1.5%	(78)	4,955
10	Next 28,000 m <sup>3</sup>	9,502	-1.4%	(134)	9,368
11	Over 42,000 m <sup>3</sup>	48,649	-1.0%	(496)	48,154
12	Total Rate 135 Delivery	63,184		(707)	62,477
<u>Rate 145 Delivery</u>					
13	First 14,000 m <sup>3</sup>	5,085	0.0%	0	5,085
14	Next 28,000 m <sup>3</sup>	9,097	0.0%	0	9,097
15	Over 42,000 m <sup>3</sup>	35,393	0.0%	0	35,393
16	Total Rate 145 Delivery	49,576		0	49,576
<u>Rate 170 Delivery</u>					
17	First 1,000,000 m <sup>3</sup>	190,573	-0.1%	(212)	190,361
18	Over 1,000,000 m <sup>3</sup>	95,695	-0.1%	(106)	95,589
19	Total Rate 170 Delivery	286,267		(318)	285,950

Notes:

- (1) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 5, Column (a).  
 (2) Exhibit D, Tab 1, Rate Order, Working Papers, Schedule 11, Page 2, Col. (d).

EGD Rate Zone  
2022 DSM Volumetric Adjustment for Contract Market

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	2021 Fully Effective DSM Volumes (a)	2021 Partially Effective DSM Volumes in Base Year (b)	2022 Partially Effective DSM Volumes for LRAM (c)	2022 Volumetric Adjustment (d) = (a) - (b) + (c)
<u>Contract Service</u>					
1	Rate 100	681	369	369	681
2	Rate 110	2,702	1,464	1,464	2,702
3	Rate 115	3,384	1,833	1,833	3,384
4	Rate 135	707	383	383	707
5	Rate 145	0	0	0	0
6	Rate 170	318	172	172	318
7	Total	7,792	4,221	4,221	7,792

ENBRIDGE GAS INC.  
 Union North  
 Summary of Changes to Sales Rates  
 Rate 01A - Small Volume General Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
1	Monthly Charge - All Zones	\$22.87	\$0.31	\$23.18
	Monthly Delivery Charge - All Zones			
2	First 100 m <sup>3</sup>	9.8081	0.2730	10.0811
3	Next 200 m <sup>3</sup>	9.5575	0.2662	9.8237
4	Next 200 m <sup>3</sup>	9.1606	0.2553	9.4159
5	Next 500 m <sup>3</sup>	8.7964	0.2452	9.0416
6	Over 1,000 m <sup>3</sup>	8.4954	0.2369	8.7323
7	Delivery - Price Adjustment (All Volumes)	(1.7327) (1)		(1.7327) (1)
	Carbon Charges			
8	Federal Carbon Charge (if applicable)	7.8300		7.8300
9	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
10	Federal Carbon Charge - Price Adjustment	-		-
	Gas Transportation Service			
11	Union North West Zone	4.6161	0.0001	4.6162
12	Union North East Zone	2.2856	0.0019	2.2875
13	Transportation - Price Adjustment (Union North West)	0.1947 (2)		0.1947 (2)
14	Transportation - Price Adjustment (Union North East)	(0.1792) (2)		(0.1792) (2)
	Storage Service			
15	Union North West Zone	2.0625	0.0381	2.1006
16	Union North East Zone	5.8116	0.0761	5.8877
17	Storage - Price Adjustment (Union North West)	-		-
18	Storage - Price Adjustment (Union North East)	-		-
	Commodity Cost of Gas and Fuel			
19	Union North West Zone	12.2538	0.0029	12.2567
20	Union North East Zone	13.7598	0.0029	13.7627
21	Commodity and Fuel - Price Adjustment (Union North West)	(1.1009) (2)		(1.1009) (2)
22	Commodity and Fuel - Price Adjustment (Union North East)	(0.9051) (2)		(0.9051) (2)
23	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary credit of (1.7327) cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.
- (2) Prospective recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.  
 Union North  
 Summary of Changes to Sales Rates  
Rate 10 - Large Volume General Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181	Rate Change	EB-2021-0147
		Approved July 1, 2021 Rate (a)		Approved January 1, 2022 Rate (c)
1	Monthly Charge - All Zones	\$73.90	\$1.02	\$74.92
	Monthly Delivery Charge - All Zones			
2	First 1,000 m <sup>3</sup>	8.4316	0.5926	9.0242
3	Next 9,000 m <sup>3</sup>	6.8455	0.4821	7.3276
4	Next 20,000 m <sup>3</sup>	5.9592	0.4014	6.3606
5	Next 70,000 m <sup>3</sup>	5.3791	0.3627	5.7418
6	Over 100,000 m <sup>3</sup>	3.1806	0.2165	3.3971
7	Delivery - Price Adjustment (All Volumes)	(2.2092) (1)		(2.2092) (1)
	Carbon Charges			
8	Federal Carbon Charge (if applicable)	7.8300		7.8300
9	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
10	Federal Carbon Charge - Price Adjustment	-		-
	Gas Transportation Service			
11	Union North West Zone	4.0418		4.0418
12	Union North East Zone	2.0947	0.0035	2.0982
13	Transportation - Price Adjustment (Union North West)	0.1947 (2)		0.1947 (2)
14	Transportation - Price Adjustment (Union North East)	(0.1792) (2)		(0.1792) (2)
	Storage Service			
15	Union North West Zone	1.5036	0.1173	1.6209
16	Union North East Zone	4.0032	0.2900	4.2932
17	Storage - Price Adjustment (Union North West)	-		-
18	Storage - Price Adjustment (Union North East)	-		-
	Commodity Cost of Gas and Fuel			
19	Union North West Zone	12.2538	0.0029	12.2567
20	Union North East Zone	13.7598	0.0029	13.7627
21	Commodity and Fuel - Price Adjustment (Union North West)	(1.1009) (2)		(1.1009) (2)
22	Commodity and Fuel - Price Adjustment (Union North East)	(0.9051) (2)		(0.9051) (2)
23	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary credit of (2.2092) cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.  
 (2) Prospective recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.  
Union North  
Summary of Changes to Sales Rates  
Rate 20 - Medium Volume Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
1	Monthly Charge	\$1,017.90	\$25.77	\$1,043.67
	Delivery Demand Charge			
2	First 70,000 m <sup>3</sup>	33.3824	0.4219	33.8043
3	All over 70,000 m <sup>3</sup>	19.6305	0.2481	19.8786
	Delivery Commodity Charge			
4	First 852,000 m <sup>3</sup>	0.7269	(0.0024)	0.7245
5	All over 852,000 m <sup>3</sup>	0.5181	(0.0013)	0.5168
	Carbon Charges			
6	Federal Carbon Charge (if applicable)	7.8300		7.8300
7	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
	Monthly Gas Supply Demand Charge			
8	Union North West Zone	41.8731	0.1143	41.9874
9	Union North East Zone	42.5485	0.1149	42.6634
10	Gas Supply Demand - Price Adjustment (All Zones)	-		-
	Commodity Transportation 1			
11	Union North West Zone	2.5245	0.0044	2.5289
12	Union North East Zone	1.7598	0.0036	1.7634
13	Transportation 1 - Price Adjustment (Union North West)	0.1947 (1)		0.1947 (1)
14	Transportation 1 - Price Adjustment (Union North East)	(0.1792) (1)		(0.1792) (1)
	Commodity Transportation 2			
15	Union North West Zone	-		-
16	Union North East Zone	-		-
	Commodity Cost of Gas and Fuel			
17	Union North West Zone	11.8154	0.0029	11.8183
18	Union North East Zone	13.2666	0.0029	13.2695
19	Commodity and Fuel - Price Adjustment (Union North West)	(1.1009) (1)		(1.1009) (1)
20	Commodity and Fuel - Price Adjustment (Union North East)	(0.9051) (1)		(0.9051) (1)
	Bundled Storage Service (\$/GJ)			
21	Monthly Demand Charge	18.501	0.106	18.607
22	Commodity Charge	0.217	0.003	0.220
23	Storage Demand - Price Adjustment	-		-

Notes:

(1) Prospective recovery of gas supply deferral accounts.



ENBRIDGE GAS INC.  
 Union North  
 Summary of Changes to Sales Rates  
Rate 100 - Large Volume High Load Factor Firm Service

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
1	Monthly Charge	\$1,521.96	\$32.87	\$1,554.83
2	Delivery Demand Charge All Zones	18.9922	0.1499	19.1421
3	Delivery Commodity Charge All Zones	0.2725	0.0035	0.2760
	Carbon Charges			
4	Federal Carbon Charge (if applicable)	7.8300		7.8300
5	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
6	Monthly Gas Supply Demand Charge Union North West Zone	77.2504	(0.0025)	77.2479
7	Union North East Zone	116.6893	(0.0032)	116.6861
8	Gas Supply Demand - Price Adjustment (All Zones)	-		-
	Commodity Transportation 1			
9	Union North West Zone	4.3311	0.0021	4.3332
10	Union North East Zone	6.6698	0.0032	6.6730
11	Transportation 1 - Price Adjustment (Union North West)	-		-
12	Transportation 1 - Price Adjustment (Union North East)	-		-
	Commodity Transportation 2			
13	Union North West Zone	-		-
14	Union North East Zone	-		-
	Commodity Cost of Gas and Fuel			
15	Union North West Zone	11.8154	0.0029	11.8183
16	Union North East Zone	13.2666	0.0029	13.2695
17	Commodity and Fuel - Price Adjustment (Union North West)	(1.1009) (1)		(1.1009) (1)
18	Commodity and Fuel - Price Adjustment (Union North East)	(0.9051) (1)		(0.9051) (1)
	Bundled Storage Service (\$/GJ)			
19	Monthly Demand Charge	18.501	0.106	18.607
20	Commodity Charge	0.217	0.003	0.220
21	Storage Demand - Price Adjustment	-		-

Notes:

(1) Prospective recovery of gas supply deferral accounts.

ENBRIDGE GAS INC.  
 Union North  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
	<u>Rate 25 - Large Volume Interruptible Service</u>			
1	Monthly Charge	\$339.91	\$10.28	\$350.19
2	Delivery Charge - All Zones (1) Maximum	5.4990	0.3827	5.8817
	Carbon Charges			
3	Federal Carbon Charge (if applicable)	7.8300		7.8300
4	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
	Gas Supply Charges - All Zones			
5	Minimum	1.4848		1.4848
6	Maximum	675.9484		675.9484

Notes:

(1) Refer to Appendix C.

ENBRIDGE GAS INC.  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Utility Sales</u>				
1	Commodity and Fuel	13.4774	0.0029	13.4803
2	Commodity and Fuel - Price Adjustment	0.2312 (1)		0.2312 (1)
3	Transportation	-		-
4	Total Gas Supply Commodity Charge	13.7086	0.0029	13.7115
 <u>M4 Firm Commercial/Industrial</u>				
5	Minimum annual gas supply commodity charge	0.1983	0.0029	0.2012
 <u>M4 / M5A Interruptible Commercial/Industrial</u>				
6	Minimum annual gas supply commodity charge	0.1983	0.0029	0.2012
 <u>Storage and Transportation Supplemental Services - Rate T1, Rate T2 &amp; Rate T3</u>				
		<u>\$/GJ</u>		<u>\$/GJ</u>
Monthly demand charges: (\$/GJ)				
7	Firm gas supply service	45.261	(3.034)	42.227
8	Firm backstop gas	1.548	0.001	1.549
Commodity charges:				
9	Gas supply	3.449		3.449
10	Backstop gas	3.932	0.006	3.938
11	Reasonable Efforts Backstop Gas	5.107	0.060	5.167
12	Supplemental Inventory	Note (2)		Note (2)
13	Supplemental Gas Sales Service (cents/m <sup>3</sup> )	16.7786	0.0253	16.8039
14	Failure to Deliver	2.994	0.060	3.054
15	Discretionary Gas Supply Service (DGSS)	Note (3)		Note (3)

Notes:

- (1) Prospective recovery of gas supply deferral accounts.
- (2) The charge for banked gas purchases shall be the higher of the daily spot gas cost at Dawn in the month of or the month following the month in which gas is sold under this rate and shall not be less than Union's approved weighted average cost of gas.
- (3) Reflects the "back to back" price plus gas supply administration charge.

ENBRIDGE GAS INC.  
 Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Rate M1 - Small Volume General Service Rate</u>				
1	Monthly Charge	\$22.87	\$0.31	\$23.18
2	First    100 m <sup>3</sup>	5.7871	0.2025	5.9896
3	Next    150 m <sup>3</sup>	5.5024	0.1923	5.6947
4	All over  250 m <sup>3</sup>	4.7669	0.1662	4.9331
5	Delivery - Price Adjustment (All Volumes)	4.9085 (1)		4.9085 (1)
Carbon Charges				
6	Federal Carbon Charge (if applicable)	7.8300		7.8300
7	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
8	Federal Carbon Charge - Price Adjustment	-		-
9	Storage Service	0.8018	0.0321	0.8339
10	Storage - Price Adjustment	-		-
11	System Expansion Surcharge (if applicable)	23.0000		23.0000
<u>Rate M2 - Large Volume General Service Rate</u>				
12	Monthly Charge	\$73.90	\$1.02	\$74.92
13	First    1,000 m <sup>3</sup>	5.2012	0.3432	5.5444
14	Next    6,000 m <sup>3</sup>	5.1081	0.3367	5.4448
15	Next    13,000 m <sup>3</sup>	4.8164	0.3027	5.1191
16	All over  20,000 m <sup>3</sup>	4.4831	0.2810	4.7641
17	Delivery - Price Adjustment (All Volumes) (3)	(1.2364) (2)		(1.2364) (2)
Carbon Charges				
18	Federal Carbon Charge (if applicable)	7.8300		7.8300
19	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
20	Federal Carbon Charge - Price Adjustment	-		-
21	Storage Service	0.7017	0.0572	0.7589
22	Storage - Price Adjustment	-		-
23	System Expansion Surcharge (if applicable)	23.0000		23.0000

Notes:

- (1) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary charge of 4.9085 cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.  
 (2) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary credit of (1.2364) cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.

ENBRIDGE GAS INC.  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Rate M4 - Firm comm/ind contract rate</u>				
Monthly demand charge:				
1	First 8,450 m <sup>3</sup>	65.6379	1.2685	66.9064
2	Next 19,700 m <sup>3</sup>	31.3732	0.5687	31.9419
3	All over 28,150 m <sup>3</sup>	26.9208	0.4779	27.3987
Monthly delivery commodity charge:				
4	First block	1.6462	0.1132	1.7594
5	All remaining use	0.6146	0.0457	0.6603
6	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
7	Federal Carbon Charge (if applicable)	7.8300		7.8300
8	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
9	Minimum annual firm delivery commodity charge	1.8445	0.1161	1.9606
<u>Interruptible contracts (1)</u>				
10	Monthly Charge	\$712.40	\$14.08	\$726.48
Daily delivery commodity charge:				
11	2,400 m <sup>3</sup> to 17,000 m <sup>3</sup>	3.1926	0.0953	3.2879
12	17,000 m <sup>3</sup> to 30,000 m <sup>3</sup>	3.0627	0.0953	3.1580
13	30,000 m <sup>3</sup> to 50,000 m <sup>3</sup>	2.9944	0.0953	3.0897
14	50,000 m <sup>3</sup> to 60,000 m <sup>3</sup>	2.9465	0.0953	3.0418
15	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
16	Federal Carbon Charge (if applicable)	7.8300		7.8300
17	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
18	Minimum annual interruptible delivery commodity charge	3.3909	0.0982	3.4891
<u>Rate M5A - interruptible comm/ind contract</u>				
<u>Firm contracts (1)</u>				
19	Monthly demand charge	40.3016	0.0811	40.3827
20	Monthly delivery commodity charge	2.5915	0.0769	2.6684
21	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
22	Federal Carbon Charge (if applicable)	7.8300		7.8300
23	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
<u>Interruptible contracts (1)</u>				
24	Monthly Charge	\$712.40	\$14.08	\$726.48
Daily delivery commodity charge:				
25	2,400 m <sup>3</sup> to 17,000 m <sup>3</sup>	3.1926	0.0953	3.2879
26	17,000 m <sup>3</sup> to 30,000 m <sup>3</sup>	3.0627	0.0953	3.1580
27	30,000 m <sup>3</sup> to 50,000 m <sup>3</sup>	2.9944	0.0953	3.0897
28	50,000 m <sup>3</sup> to 60,000 m <sup>3</sup>	2.9465	0.0953	3.0418
29	Delivery - Price Adjustment (All Volumes)	-		-
Carbon Charges				
30	Federal Carbon Charge (if applicable)	7.8300		7.8300
31	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
32	Minimum annual interruptible delivery commodity charge	3.3909	0.0982	3.4891

Notes:

(1) Price changes to individual interruptible and seasonal contract rates are provided in Appendix C.

ENBRIDGE GAS INC.  
Union South  
Summary of Changes to Sales Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Rate M7 - Special large volume contract</u>				
<u>Firm</u>				
1	Monthly demand charge	34.7967	(1.2289)	33.5678
2	Monthly delivery commodity charge	0.2705	(0.0019)	0.2686
3	Delivery - Price Adjustment	-		-
<u>Interruptible (1)</u>				
4	Monthly delivery commodity charge: Maximum	6.3960	(0.1254)	6.2706
5	Delivery - Price Adjustment	-		-
<u>Seasonal (1)</u>				
6	Monthly delivery commodity charge: Maximum	6.1519	(0.1254)	6.0265
7	Delivery - Price Adjustment	-		-
Carbon Charges				
8	Federal Carbon Charge (if applicable)	7.8300		7.8300
9	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
<u>Rate M9 - Large wholesale service</u>				
10	Monthly demand charge	26.1582	0.0658	26.2240
11	Monthly delivery commodity charge	0.1586	0.0100	0.1686
12	Delivery - Price Adjustment	-		-
Carbon Charges				
13	Federal Carbon Charge (if applicable)	7.8300		7.8300
14	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127
<u>Rate M10 - Small wholesale service</u>				
15	Monthly delivery commodity charge	7.8948	0.2227	8.1175
Carbon Charges				
16	Federal Carbon Charge (if applicable)	7.8300		7.8300
17	Facility Carbon Charge (in addition to Delivery Charge)	0.0127		0.0127

Notes:

(1) Price changes to individual interruptible and seasonal contract rates are provided in Appendix C.

ENBRIDGE GAS INC.  
Union South  
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Contract Carriage Service</u>				
<u>Rate T1 - Storage and Transportation</u>				
<u>Storage (\$ / GJ)</u>				
Monthly demand charges:				
1	Firm space	0.012		0.012
Firm Injection/Withdrawal Right				
2	Union provides deliverability inventory	1.653	0.031	1.684
3	Customer provides deliverability inventory	1.388	0.027	1.415
4	Firm incremental injection	1.388	0.027	1.415
5	Interruptible withdrawal	1.388	0.027	1.415
Commodity charges:				
6	Withdrawal	0.027		0.027
7	Customer provides compressor fuel	0.012		0.012
8	Injection	0.027		0.027
9	Customer provides compressor fuel	0.012		0.012
10	Storage fuel ratio - customer provides fuel	0.424%	0.006%	0.430%
<u>Transportation (cents / m<sup>3</sup>)</u>				
11	Monthly demand charge first 28,150 m <sup>3</sup>	43.3948	0.1617	43.5565
12	Monthly demand charge next 112,720 m <sup>3</sup>	30.8466	0.1119	30.9585
Firm commodity charges:				
13	Union provides compressor fuel - All volumes	0.1579	0.0112	0.1691
14	Customer provides compressor fuel - All volumes	0.1117	0.0098	0.1215
Interruptible commodity charges: (1)				
15	Maximum - Union provides compressor fuel	6.3960	(0.1254)	6.2706
16	Maximum - customer provides compressor fuel	6.3498	(0.1268)	6.2230
Carbon Charges				
17	Federal Carbon Charge (if applicable)	7.8300		7.8300
18	Facility Carbon Charge (in addition to Transportation Commodity Charge(s))	0.0127		0.0127
19	Transportation fuel ratio - customer provides fuel	0.341%	0.010%	0.351%
<u>Authorized overrun services</u>				
Storage (\$ / GJ)				
Commodity charges				
20	Injection / Withdrawals	0.098	0.001	0.099
21	Customer provides compressor fuel	0.066	0.001	0.067
22	Transportation commodity charge (cents/m <sup>3</sup> )	1.5846	0.0165	1.6011
23	Customer provides compressor fuel	1.5384	0.0151	1.5535
Carbon Charges				
24	Federal Carbon Charge (if applicable)	7.8300		7.8300
25	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127		0.0127
26	<u>Monthly Charge</u>	\$2,040.01	\$35.15	\$2,075.16

Notes:

(1) Price changes to individual interruptible contract rates are provided in Appendix C.

ENBRIDGE GAS INC.  
Union South  
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Contract Carriage Service</u>				
<u>Rate T2 - Storage and Transportation</u>				
<u>Storage (\$ / GJ)</u>				
Monthly demand charges:				
1	Firm space	0.012		0.012
Firm Injection/Withdrawal Right				
2	Union provides deliverability inventory	1.653	0.031	1.684
3	Customer provides deliverability inventory	1.388	0.027	1.415
4	Firm incremental injection	1.388	0.027	1.415
5	Interruptible withdrawal	1.388	0.027	1.415
Commodity charges:				
6	Withdrawal	0.027		0.027
7	Customer provides compressor fuel	0.012		0.012
8	Injection	0.027		0.027
9	Customer provides compressor fuel	0.012		0.012
10	Storage fuel ratio - customer provides fuel	0.424%	0.006%	0.430%
<u>Transportation (cents / m<sup>3</sup>)</u>				
11	Monthly demand charge first 140,870 m <sup>3</sup>	32.8334	(0.1249)	32.7085
12	Monthly demand charge all over 140,870 m <sup>3</sup>	18.3043	(0.0660)	18.2383
Firm commodity charges:				
13	Union provides compressor fuel - All volumes	0.0617	0.0010	0.0627
14	Customer provides compressor fuel - All volumes	0.0214	0.0006	0.0220
Interruptible commodity charges: (1)				
15	Maximum - Union provides compressor fuel	6.3960	(0.1254)	6.2706
16	Maximum - customer provides compressor fuel	6.3557	(0.1258)	6.2299
Carbon Charges				
17	Federal Carbon Charge (if applicable)	7.8300		7.8300
18	Facility Carbon Charge (in addition to Transportation Commodity Charge(s))	0.0127		0.0127
19	Transportation fuel ratio - customer provides fuel	0.297%	0.003%	0.300%
<u>Authorized overrun services</u>				
<u>Storage (\$ / GJ)</u>				
Commodity charges				
20	Injection / Withdrawals	0.098	0.001	0.099
21	Customer provides compressor fuel	0.066	0.001	0.067
22	Transportation commodity charge (cents/m <sup>3</sup> )	1.1412	(0.0032)	1.1380
23	Customer provides compressor fuel	1.1009	(0.0036)	1.0973
Carbon Charges				
24	Federal Carbon Charge (if applicable)	7.8300		7.8300
25	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127		0.0127
26	<u>Monthly Charge</u>	\$6,339.15	\$161.87	\$6,501.02

Notes:

(1) Price changes to individual interruptible contract rates are provided in Appendix C.



ENBRIDGE GAS INC.  
Union South  
Summary of Changes to Contract Carriage Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>Rate T3 - Storage and Transportation</u>				
<u>Storage (\$ / GJ)</u>				
Monthly demand charges:				
1	Firm space	0.012		0.012
Firm Injection/Withdrawal Right				
2	Union provides deliverability inventory	1.653	0.031	1.684
3	Customer provides deliverability inventory	1.388	0.027	1.415
4	Firm incremental injection	1.388	0.027	1.415
5	Interruptible withdrawal	1.388	0.027	1.415
Commodity charges:				
6	Withdrawal	0.027		0.027
7	Customer provides compressor fuel	0.012		0.012
8	Injection	0.027		0.027
9	Customer provides compressor fuel	0.012		0.012
10	Storage fuel ratio - Customer provides fuel	0.424%	0.006%	0.430%
<u>Transportation (cents / m<sup>3</sup>)</u>				
11	Monthly demand charge	19.5508	0.3252	19.8760
12	Union provides compressor fuel - All volumes	0.1074	0.0093	0.1167
13	Customer provides compressor fuel - All volumes	0.0526	0.0084	0.0610
Carbon Charges				
14	Federal Carbon Charge (if applicable)	7.8300		7.8300
15	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127		0.0127
16	Transportation fuel ratio - Customer provides fuel	0.404%	0.007%	0.411%
<u>Authorized overrun services</u>				
Storage (\$ / GJ)				
Commodity charges				
17	Injection / Withdrawals	0.098	0.001	0.099
18	Customer provides compressor fuel	0.066	0.001	0.067
19	Transportation commodity charge (cents/m <sup>3</sup> )	0.7502	0.0200	0.7702
20	Customer provides compressor fuel	0.6954	0.0191	0.7145
Carbon Charges				
21	Federal Carbon Charge (if applicable)	7.8300		7.8300
22	Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127		0.0127
<u>Monthly Charge</u>				
23	City of Kitchener	\$21,450.63	\$382.92	\$21,833.55
24	EPCOR Natural Gas (Aylmer)	\$3,292.89	\$58.78	\$3,351.67
25	Six Nations	\$1,097.63	\$19.59	\$1,117.22

ENBRIDGE GAS INC.  
 Union South  
Summary of Changes to Unbundled Rates

Line No.	Particulars (cents/m <sup>3</sup> )	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Approved January 1, 2022 Rate (c)
<u>U2 Unbundled Service</u>				
<u>Storage (\$ / GJ)</u>				
Monthly demand charges:				
	Standard Storage Service (SSS)			
1	Combined Firm Space & Deliverability	0.027		0.027
	Standard Peaking Service (SPS)			
2	Combined Firm Space & Deliverability	0.135	0.003	0.138
3	Incremental firm injection right	1.232	0.027	1.259
4	Incremental firm withdrawal right	1.232	0.027	1.259
Commodity charges:				
5	Injection customer provides compressor fuel	0.030		0.030
6	Withdrawal customer provides compressor fuel	0.030		0.030
7	Storage fuel ratio - Customer provides fuel	0.424%	0.006%	0.430%
<u>Authorized overrun services</u>				
<u>Storage (\$ / GJ)</u>				
Commodity charges:				
8	Injection customer provides compressor fuel	0.071		0.071
9	Withdrawal customer provides compressor fuel	0.071		0.071

ENBRIDGE GAS INC.  
 Union South  
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Proposed January 1, 2022 Rate (c)
<u>M12 Transportation Service</u>				
<u>Firm transportation</u>				
Monthly demand charges:				
1	Dawn to Kirkwall	3.110	0.020	3.130
2	Dawn to Parkway	3.665	0.024	3.689
3	Kirkwall to Parkway	0.555	0.004	0.559
4	F24-T	0.073	0.001	0.074
<u>M12-X Firm Transportation</u>				
5	Between Dawn, Kirkwall and Parkway	4.530	0.030	4.560
Commodity charges:				
6	Easterly	Note (1)		Note (1)
7	Westerly	Note (1)		Note (1)
8	Facility Carbon Charge (in addition to Commodity Charges)	0.003		0.003
9	Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar	Note (1)		Note (1)
<u>Limited Firm/Interruptible</u>				
Monthly demand charges:				
10	Maximum	8.796	0.058	8.854
Commodity charges :				
11	Others	Note (1)		Note (1)
<u>Authorized Overrun</u>				
Transportation commodity charges:				
Easterly:				
12	Dawn to Kirkwall - Union supplied fuel	Note (1)		Note (1)
13	Dawn to Parkway - Union supplied fuel	Note (1)		Note (1)
14	Kirkwall to Parkway - Union supplied fuel	Note (1)		Note (1)
15	Dawn to Kirkwall - Shipper supplied fuel	0.102 (1)	0.001	0.103 (1)
16	Dawn to Parkway - Shipper supplied fuel	0.120 (1)	0.001	0.121 (1)
17	Kirkwall to Parkway - Shipper supplied fuel	0.018 (1)		0.018 (1)
M12-X Firm Transportation				
18	Between Dawn, Kirkwall and Parkway - Union supplied fuel	Note (1)		Note (1)
19	Between Dawn, Kirkwall and Parkway - Shipper supplied fuel:	0.149 (1)	0.001	0.150 (1)
20	Facility Carbon Charge (in addition to Commodity Charges)	0.003		0.003
<u>M13 Transportation of Locally Produced Gas</u>				
21	Monthly fixed charge per customer station	\$997.17	\$13.96	\$1,011.13
22	Transmission commodity charge to Dawn	0.036	0.001	0.037
23	Commodity charge - Union supplied fuel	0.006		0.006
24	Commodity charge - Shipper supplied fuel	Note (2)		Note (2)
25	Facility Carbon Charge (in addition to Commodity Charge)	0.003		0.003
26	Authorized Overrun - Union supplied fuel	0.125	(0.003)	0.122
27	Authorized Overrun - Shipper supplied fuel	0.120 (2)	(0.004)	0.116 (2)
28	Facility Carbon Charge (in addition to Authorized Overrun Charge)	0.003		0.003

Notes:

- (1) Monthly fuel rates and fuel and commodity ratios per Schedule "C".  
 (2) Plus shipper supplied fuel per rate schedule.

ENBRIDGE GAS INC.  
 Union South  
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Proposed January 1, 2022 Rate (c)
<u>M16 Storage Transportation Service</u>				
1	Monthly fixed charge per customer station	\$1,586.39	\$22.21	\$1,608.60
Monthly demand charges:				
2	East of Dawn	0.801	0.011	0.812
3	West of Dawn	2.534	(0.116)	2.418
4	Transmission commodity charge to Dawn	0.036	0.001	0.037
Transportation Fuel Charges to Dawn:				
5	East of Dawn - Union supplied fuel	0.006		0.006
6	West of Dawn - Union supplied fuel	0.006		0.006
7	East of Dawn - Shipper supplied fuel	Note (1)		Note (1)
8	West of Dawn - Shipper supplied fuel	Note (1)		Note (1)
Transportation Fuel Charges to Pools:				
9	East of Dawn - Union supplied fuel	0.007		0.007
10	West of Dawn - Union supplied fuel	0.016		0.016
11	East of Dawn - Shipper supplied fuel	Note (1)		Note (1)
12	West of Dawn - Shipper supplied fuel	Note (1)		Note (1)
13	Facility Carbon Charge (in addition to Transportation Fuel Charges)	0.003		0.003
<u>Authorized Overrun</u>				
Transportation Fuel Charges to Dawn:				
14	East of Dawn - Union supplied fuel	0.068	0.001	0.069
15	West of Dawn - Union supplied fuel	0.125	(0.003)	0.122
16	East of Dawn - Shipper supplied fuel	0.062 (1)	0.002	0.064 (1)
17	West of Dawn - Shipper supplied fuel	0.119 (1)	(0.003)	0.116 (1)
Transportation Fuel Charges to Pools:				
18	East of Dawn - Union supplied fuel	0.033		0.033
19	West of Dawn - Union supplied fuel	0.099	(0.003)	0.096
20	East of Dawn - Shipper supplied fuel	0.026 (1)	0.001	0.027 (1)
21	West of Dawn - Shipper supplied fuel	0.083 (1)	(0.004)	0.079 (1)
22	Facility Carbon Charge (in addition to Transportation Fuel Charges)	0.003		0.003
<u>M17 Transportation Service (2)</u>				
23	Monthly Charge - South Bruce	\$2,032.69	\$28.46	\$2,061.15
<u>Firm Transportation</u>				
Monthly Demand Charges				
24	Dawn to Delivery Area	4.506	0.063	4.569
25	Kirkwall to Delivery Area or Dawn	2.764	0.039	2.803
26	Parkway (TCPL) to Delivery Area or Dawn	2.764	0.039	2.803
Facility Carbon Charge (in addition to Transportation Fuel Charges)				
Commodity Charges				
27	Dawn to Delivery Area - Utility Supplied Fuel (Nov. 1 - Mar. 31)	0.027	0.001	0.028
28	Dawn to Delivery Area - Utility Supplied Fuel (Apr. 1 - Oct. 31)	0.011	0.001	0.012
29	Kirkwall to Delivery Area or Dawn - Utility Supplied Fuel (Nov. 1 - Mar. 31)	0.006		0.006
30	Kirkwall to Delivery Area or Dawn - Utility Supplied Fuel (Apr. 1 - Oct. 31)	0.006		0.006
31	Parkway (TCPL) to Delivery Area or Dawn - Utility Supplied Fuel (Nov. 1 - Mar. 31)	0.006		0.006
32	Parkway (TCPL) to Delivery Area or Dawn - Utility Supplied Fuel (Apr. 1 - Oct. 31)	0.011		0.011
33	Dawn to Delivery Area - Shipper Supplied Fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
34	Dawn to Delivery Area - Shipper Supplied Fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
35	Kirkwall to Delivery Area or Dawn - Shipper Supplied Fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
36	Kirkwall to Delivery Area or Dawn - Shipper Supplied Fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
37	Parkway (TCPL) to Delivery Area or Dawn - Shipper Supplied Fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
38	Parkway (TCPL) to Delivery Area or Dawn - Shipper Supplied Fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)

Notes:

- (1) Plus shipper supplied fuel per rate schedule.
- (2) Approved Rate M17 charges per the EB-2019-0183 Rate Order, dated May 28, 2020.

ENBRIDGE GAS INC.  
 Union South  
Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Proposed January 1, 2022 Rate (c)
<u>M17 Transportation Service cont'd (2)</u>				
<u>Authorized Overrun</u>				
Transportation Commodity Charges				
1	Dawn to Delivery Area - Utility Supplied Fuel (Nov. 1 - Mar. 31)	0.198	0.003	0.201
2	Dawn to Delivery Area - Utility Supplied Fuel (Apr. 1 - Oct. 31)	0.182	0.002	0.184
3	Kirkwall to Delivery Area or Dawn - Utility Supplied Fuel (Nov. 1 - Mar. 31)	0.119	0.001	0.120
4	Kirkwall to Delivery Area or Dawn - Utility Supplied Fuel (Apr. 1 - Oct. 31)	0.119	0.001	0.120
5	Parkway (TCPL) to Delivery Area or Dawn - Utility Supplied Fuel (Nov. 1 - Mar. 31)	0.119	0.001	0.120
6	Parkway (TCPL) to Delivery Area or Dawn - Utility Supplied Fuel (Apr. 1 - Oct. 31)	0.124	0.002	0.126
7	Dawn to Delivery Area - Shipper Supplied Fuel (Nov. 1 - Mar. 31)	0.148 (1)	0.002	0.150 (1)
8	Dawn to Delivery Area - Shipper Supplied Fuel (Apr. 1 - Oct. 31)	0.148 (1)	0.002	0.150 (1)
9	Kirkwall to Delivery Area or Dawn - Shipper Supplied Fuel (Nov. 1 - Mar. 31)	0.091 (1)	0.001	0.092 (1)
10	Kirkwall to Delivery Area or Dawn - Shipper Supplied Fuel (Apr. 1 - Oct. 31)	0.091 (1)	0.001	0.092 (1)
11	Parkway (TCPL) to Delivery Area or Dawn - Shipper Supplied Fuel (Nov. 1 - Mar. 31)	0.091 (1)	0.001	0.092 (1)
12	Parkway (TCPL) to Delivery Area or Dawn - Shipper Supplied Fuel (Apr. 1 - Oct. 31)	0.091 (1)	0.001	0.092 (1)
13	Facility Carbon Charge (in addition to Transportation Fuel Charges)	0.003		0.003
 <u>C1 - Cross Franchise Transportation Service</u>				
<u>Transportation service</u>				
Monthly demand charges:				
14	St. Clair / Bluewater & Dawn	2.534	(0.116)	2.418
15	Ojibway & Dawn	2.534	(0.116)	2.418
16	Parkway to Dawn	0.865	0.006	0.871
17	Parkway to Kirkwall	0.865	0.006	0.871
18	Kirkwall to Dawn	1.525	0.011	1.536
19	Dawn to Kirkwall	3.110	0.020	3.130
20	Dawn to Parkway	3.665	0.024	3.689
21	Kirkwall to Parkway	0.555	0.004	0.559
22	Dawn to Dawn-Vector	0.031		0.031
23	Dawn to Dawn-TCPL	0.144	0.002	0.146
Commodity charges:				
24	St. Clair / Bluewater & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.010		0.010
25	St. Clair / Bluewater & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.007	0.001	0.008
26	Ojibway & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.011		0.011
27	Ojibway & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.016		0.016
28	Parkway to Kirkwall / Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.006		0.006
29	Parkway to Kirkwall / Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.011		0.011
30	Kirkwall to Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.006		0.006
31	Kirkwall to Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.006		0.006
32	Dawn to Kirkwall - Union supplied fuel (Nov. 1 - Mar. 31)	0.027	0.001	0.028
33	Dawn to Kirkwall - Union supplied fuel (Apr. 1 - Oct. 31)	0.011	0.001	0.012
34	Dawn to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.037	0.001	0.038
35	Dawn to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.021		0.021
36	Kirkwall to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.016		0.016
37	Kirkwall to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.015		0.015

Notes:

- (1) Plus shipper supplied fuel per rate schedule.
- (2) Approved Rate M17 charges per the EB-2019-0183 Rate Order, dated May 28, 2020.

ENBRIDGE GAS INC.  
 Union South  
 Summary of Changes to Storage and Transportation Rates

Line No.	Particulars (\$/GJ)	EB-2020-0181 Approved July 1, 2021 Rate (a)	Rate Change (b)	EB-2021-0147 Proposed January 1, 2022 Rate (c)
<u>C1 - Cross Franchise Transportation Service</u>				
<u>Transportation service cont'd</u>				
1	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
2	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
3	Ojibway & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
4	Ojibway & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
5	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
6	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
7	Kirkwall to Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
8	Kirkwall to Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
9	Dawn to Kirkwall - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
10	Dawn to Kirkwall - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
11	Dawn to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
12	Dawn to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	Note (1)		Note (1)
13	Kirkwall to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
14	Kirkwall to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	Note (1)		Note (1)
15	Dawn to Dawn-Vector - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
16	Dawn to Dawn-Vector - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
17	Dawn to Dawn-TCPL - Shipper supplied fuel (Nov. 1 - Mar. 31)	Note (1)		Note (1)
18	Dawn to Dawn-TCPL - Shipper supplied fuel (Apr. 1 - Oct. 31)	Note (1)		Note (1)
19	Dawn(Tecumseh), Dawn(Facilities or TCPL), Dawn (Vector) and Dawn (TSLE)	Note (1)		Note (1)
20	Facility Carbon Charge (in addition to Commodity Charges)	0.003		0.003
21	Interruptible and Short Term (1 year or less) Firm Transportation: Maximum	75.00		75.00
<u>Authorized Overrun</u>				
Firm transportation commodity charges:				
22	St. Clair / Bluewater & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.093	(0.004)	0.089
23	St. Clair / Bluewater & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.091	(0.004)	0.087
24	Ojibway & Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.094	(0.003)	0.091
25	Ojibway & Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.099	(0.003)	0.096
26	Parkway to Kirkwall / Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.148	0.002	0.150
27	Parkway to Kirkwall / Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.154	0.001	0.155
28	Kirkwall to Dawn - Union supplied fuel (Nov. 1 - Mar. 31)	0.078	0.001	0.079
29	Kirkwall to Dawn - Union supplied fuel (Apr. 1 - Oct. 31)	0.078	0.001	0.079
30	Dawn to Kirkwall - Union supplied fuel (Nov. 1 - Mar. 31)	0.152	0.001	0.153
31	Dawn to Kirkwall - Union supplied fuel (Apr. 1 - Oct. 31)	0.136	0.001	0.137
32	Dawn to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.180	0.002	0.182
33	Dawn to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.164	0.001	0.165
34	Kirkwall to Parkway - Union supplied fuel (Nov. 1 - Mar. 31)	0.056	0.001	0.057
35	Kirkwall to Parkway - Union supplied fuel (Apr. 1 - Oct.31)	0.056		0.056
36	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.083	(1) (0.004)	0.079 (1)
37	St. Clair / Bluewater & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.083	(1) (0.004)	0.079 (1)
38	Ojibway & Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.083	(1) (0.004)	0.079 (1)
39	Ojibway & Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.083	(1) (0.004)	0.079 (1)
40	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.120	(1) 0.001	0.121 (1)
41	Parkway to Kirkwall / Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.120	(1) 0.001	0.121 (1)
42	Kirkwall to Dawn - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.050	(1)	0.050 (1)
43	Kirkwall to Dawn - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.050	(1)	0.050 (1)
44	Dawn to Kirkwall - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.102	(1) 0.001	0.103 (1)
45	Dawn to Kirkwall - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.102	(1) 0.001	0.103 (1)
46	Dawn to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.120	(1) 0.001	0.121 (1)
47	Dawn to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	0.120	(1) 0.001	0.121 (1)
48	Kirkwall to Parkway - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.018	(1)	0.018 (1)
49	Kirkwall to Parkway - Shipper supplied fuel (Apr. 1 - Oct.31)	0.018	(1)	0.018 (1)
50	Dawn to Dawn-Vector - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.001	(1)	0.001 (1)
51	Dawn to Dawn-Vector - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.001	(1)	0.001 (1)
52	Dawn to Dawn-TCPL - Shipper supplied fuel (Nov. 1 - Mar. 31)	0.005	(1)	0.005 (1)
53	Dawn to Dawn-TCPL - Shipper supplied fuel (Apr. 1 - Oct. 31)	0.005	(1)	0.005 (1)
54	Facility Carbon Charge (in addition to Commodity Charges)	0.003		0.003

Notes:  
 (1) Plus shipper supplied fuel per rate schedule.

APPENDIX B

ENBRIDGE GAS INC.  
UNION NORTH  
RATE 01 - SMALL VOLUME GENERAL FIRM SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end user whose total gas requirements at that location are equal to or less than 50,000 m<sup>3</sup> per year.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery, Carbon (if applicable) and Gas Supply Charges shall apply.

(b) **Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer and transported by TransCanada under a firm transportation service tariff or equivalent National Energy Board Order. For this service, the Monthly, Delivery and Carbon (if applicable) Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

(c) **Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, Delivery and Carbon (if applicable) Charges, as well as the Storage and Transportation Charges of the Gas Supply Charge, shall apply.

**MONTHLY RATES AND CHARGES**

<u>APPLICABLE TO ALL SERVICES</u>	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$23.18	\$23.18
<u>DELIVERY CHARGE</u>	<u>¢ per m<sup>3</sup></u>	<u>¢ per m<sup>3</sup></u>
First 100 m <sup>3</sup> per month @	10.0811	10.0811
Next 200 m <sup>3</sup> per month @	9.8237	9.8237
Next 200 m <sup>3</sup> per month @	9.4159	9.4159
Next 500 m <sup>3</sup> per month @	9.0416	9.0416
Over 1,000 m <sup>3</sup> per month @	8.7323	8.7323
Delivery-Price Adjustment (All Volumes) (1)	(1.7327)	(1.7327)
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable) (2)	7.8300	7.8300
Facility Carbon Charge (in addition to Delivery Charge)	0.0127	0.0127
Federal Carbon Charge - Price Adjustment (if applicable)	-	-

Notes:

(1) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary credit of (1.7327) cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.

(2) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.



ADDITIONAL CHARGES FOR SALES SERVICE

GAS SUPPLY CHARGES

Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

SYSTEM EXPANSION SURCHARGE ("SES") AND TEMPORARY CONNECTION SURCHARGE ("TCS") (if applicable) (1)

The SES is applicable to a customer who receives gas distribution services from the Company as part of a Community Expansion Project listed below. The SES is applied to all volumes consumed by customers in the approved Community Expansion Project areas. The Company may apply the SES for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

The TCS is applicable to a customer who receives gas distribution services from the Company as part of a Small Main Extension or Customer Attachment Project in lieu of paying a Contribution in Aid of Construction (CIAC). The TCS is applied to all volumes consumed, if applicable. The Company may require payment of a CIAC or apply the TCS for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

System Expansion Surcharge (SES):	23.0000 ¢ per m <sup>3</sup>
Temporary Connection Surcharge (TCS):	23.0000 ¢ per m <sup>3</sup>

<u>Community Expansion Project Areas:</u>	<u>In-service Date</u>	<u>SES Term</u>
Prince Township	2018	22 years
North Bay - Northshore and Peninsula Roads	2020	40 years

Notes:

(1) Additional conditions and defined terms applicable to the SES and TCS are set out in the Company's Distribution New Business Guidelines as approved by the OEB in its EB-2020-0094 decision.

**MONTHLY BILL**

The monthly bill will equal the sum of the monthly charges plus the rates multiplied by the applicable gas quantities delivered plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply.

**MINIMUM MONTHLY BILL**

The Minimum Monthly Bill shall be the Monthly Charge.

**DELAYED PAYMENT**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**SERVICE AGREEMENT**

Customers providing their own gas supply in whole or in part, for transportation by Union, must enter into a Service Agreement with Union.

**TERMS AND CONDITIONS OF SERVICE**

1. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly, Delivery and Carbon (if applicable) Charges, plus any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the monthly billing data of individual end-users to generate a single bill which is less than the sum of the monthly bills of the individual end-users involved at each location.
2. Customers must enter into a Service Agreement with Union prior to the commencement of service.
3. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION NORTH  
RATE 10 - LARGE VOLUME GENERAL FIRM SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user whose total firm gas requirements at one or more Company-owned meters at one location exceed 50,000 m<sup>3</sup> per year.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

**(a) Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery, Carbon (if applicable) and Gas Supply Charges shall apply.

**(b) Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer and transported by TransCanada under a firm transportation service tariff or equivalent National Energy Board Order. For this service, the Monthly, Delivery and Carbon (if applicable) Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems. Customers may reduce their assignment of transportation capacity in compliance with Union's Turnback Policy.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

**(c) Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, Delivery and Carbon (if applicable) Charges, as well as the Storage and Transportation Charges of the Gas Supply Charge, shall apply.

**MONTHLY RATES AND CHARGES**

<u>APPLICABLE TO ALL SERVICES</u>	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$74.92	\$74.92
<u>DELIVERY CHARGE</u>	<u>¢ per m<sup>3</sup></u>	<u>¢ per m<sup>3</sup></u>
First 1,000 m <sup>3</sup> per month @	9.0242	9.0242
Next 9,000 m <sup>3</sup> per month @	7.3276	7.3276
Next 20,000 m <sup>3</sup> per month @	6.3606	6.3606
Next 70,000 m <sup>3</sup> per month @	5.7418	5.7418
Over 100,000 m <sup>3</sup> per month @	3.3971	3.3971
Delivery-Price Adjustment (All Volumes) (1)	(2.2092)	(2.2092)
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable) (2)	7.8300	7.8300
Facility Carbon Charge (in addition to Delivery Charge)	0.0127	0.0127
Federal Carbon Charge - Price Adjustment (if applicable)	-	-
<u>GAS SUPPLY CHARGES</u>		
Gas Supply Charge (if applicable)		

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

Notes:

(1) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary credit of (2.2092) cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.

(2) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

ADDITIONAL CHARGES FOR SALES SERVICE

SYSTEM EXPANSION SURCHARGE ("SES") AND TEMPORARY CONNECTION SURCHARGE ("TCS") (if applicable) (1)

The SES is applicable to a customer who receives gas distribution services from the Company as part of a Community Expansion Project listed below in lieu of or in addition to paying a Contribution in Aid of Construction (CIAC), at the customer's option. The Company may apply the SES for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

The TCS is applicable to a customer who receives gas distribution services from the Company as part of a Small Main Extension or Customer Attachment Project in lieu of paying a CIAC, at the customer's option. The Company may require payment of a CIAC and/or apply the TCS for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

If applicable, the SES and TCS are applied to all volumes consumed for the SES or TCS term.

System Expansion Surcharge (SES):	23.0000 ¢ per m <sup>3</sup>
Temporary Connection Surcharge (TCS):	23.0000 ¢ per m <sup>3</sup>

<u>Community Expansion Project Areas:</u>	<u>In-service Date</u>	<u>SES Term</u>
Prince Township	2018	22 years
North Bay - Northshore and Peninsula Roads	2020	40 years

Notes:

(1) Additional conditions and defined terms applicable to the SES and TCS are set out in the Company's Distribution New Business Guidelines as approved by the OEB in its EB-2020-0094 decision.

**MONTHLY BILL**

The monthly bill will equal the sum of the monthly charges plus the rates multiplied by the applicable gas quantities delivered plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply.

**MINIMUM MONTHLY BILL**

The Minimum Monthly Bill shall be the Monthly Charge.

**DELAYED PAYMENT**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**SERVICE AGREEMENT**

Customers providing their own gas supply in whole or in part, for transportation by Union and customers purchasing gas from Union with maximum daily requirements in excess of 3,000 m<sup>3</sup> per day must enter into a Service Agreement with Union.

**TERMS AND CONDITIONS OF SERVICE**

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly, Delivery and Carbon (if applicable) Charges, plus any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the monthly billing data of individual end-users to generate a single bill which is less than the sum of the monthly bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION NORTH  
RATE 20 - MEDIUM VOLUME FIRM SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user or who is authorized to serve an end-user of gas through one or more Company-owned meters at one location, and whose total maximum daily requirements for firm or combined firm and interruptible service is 14,000 m<sup>3</sup> or more.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery, Carbon (if applicable) and Gas Supply Charges shall apply.

(b) **Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer. The customer is responsible for obtaining the requisite regulatory approvals for the supply and transmission of such gas to Union's distribution system. For this service, the Monthly, Delivery, Carbon (if applicable), Transportation Account and Diversion Transaction Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems. Customers may reduce their assignment of transportation capacity in compliance with Union's Turnback Policy.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

(c) **Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, Delivery, Carbon (if applicable), Gas Supply Demand and Commodity Transportation Charges shall apply.

(d) **Storage Service**

For load balancing purposes for customers using Transportation Service on this rate schedule. If at the sole discretion of Union, adequate supplies exist, bundled and unbundled storage and delivery/redelivery services will be provided.

The charge for Bundled Storage Service will consist of the charges for Transportation Service plus the charges for Bundled Storage Service.

Note: Union has a short-term intermittent gas supply service under Rate 30 of which customers may avail themselves, if they qualify for use of the service.

## MONTHLY RATES AND CHARGES

### APPLICABLE TO ALL SERVICES – ALL ZONES (1)

<u>MONTHLY CHARGE</u>	\$1,043.67
<u>DELIVERY CHARGES</u> (cents per month per m <sup>3</sup> )	
Monthly Demand Charge for first 70,000 m <sup>3</sup> of Contracted Daily Demand	33.8043
Monthly Demand Charge for all units over 70,000 m <sup>3</sup> of Contracted Daily Demand	19.8786
Commodity Charge for first 852,000 m <sup>3</sup> of gas volumes delivered	
Commodity Charge for all units over 852,000 m <sup>3</sup> of gas volumes delivered	0.7245
<u>CARBON CHARGES</u>	
Federal Carbon Charge (if applicable) (2)	7.8300
Facility Carbon Charge (in addition to Delivery Charges)	0.0127

#### Notes:

- (1) Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates, charges and terms and conditions applicable thereto, different from the rates, charges and terms and conditions specified herein if changed rates, charges and terms and conditions are considered by either party to be necessary, desirable and in the public interest.
- (2) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

### ADDITIONAL CHARGES FOR SALES SERVICE

#### Gas Supply Charge

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

#### Commodity Transportation

Charge 1 applies for all gas volumes delivered in the billing month up to the volume represented by the Contract Demand multiplied by the number of days in the billing month multiplied by 0.4.

Charge 2 applies for all additional gas volumes delivered in the billing month.

## HEAT CONTENT ADJUSTMENT

The gas supply commodity charges hereunder will be adjusted upwards or downwards as described below if the average total heating value of the gas per cubic metre (m<sup>3</sup>) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m<sup>3</sup>, respectively.

The adjustment shall be determined by multiplying the amount otherwise payable by a fraction, where the numerator is the monthly weighted average total heating value per cubic meter and the denominator 37.89.

**COMMISSIONING AND DECOMMISSIONING RATE**

The contract may provide that the Monthly Demand Charges specified above shall not apply on all or part of the daily contracted demand used by the customer either during the testing, commissioning and phasing in of gas using equipment or, alternatively, in the decommissioning and phasing out of gas using equipment being displaced by other gas using equipment, for a period not to exceed one year ("the transition period"). To be eligible the new or displaced gas using equipment must be separately meterable. In such event, the contract will provide the following rates that such volume during the transitional period will be charged.

	Union North West	Union North East
<u>MONTHLY CHARGE</u>	\$1,043.67	\$1,043.67
<u>DELIVERY CHARGES</u>	<u>cents per m<sup>3</sup></u>	<u>cents per m<sup>3</sup></u>
Commodity Charge for each unit of gas volumes delivered	2.9472	2.9472
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable)	7.8300	7.8300
Facility Carbon Charge (in addition to Delivery Charges)	0.0127	0.0127

GAS SUPPLY CHARGES

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

ADDITIONAL CHARGES FOR TRANSPORTATION AND STORAGE SERVICES – ALL ZONES

MONTHLY TRANSPORTATION ACCOUNT CHARGE

For customers that currently have installed or will require installing telemetering equipment	\$239.45
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BUNDLED (T-SERVICE) STORAGE SERVICE CHARGES

Monthly Demand Charge for each unit of Contracted Daily Storage Withdrawal Entitlement (\$/GJ/Month)	\$18.607
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Monthly Storage Demand- Price Adjustment for each unit of Contracted Daily Storage Withdrawal Entitlement: (\$/GJ/Month)	-
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Commodity Charge for each unit of gas withdrawn from storage (\$/GJ)	\$0.220
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Authorized Overrun Commodity Charge on each additional unit of gas Union authorizes for withdrawal from storage (\$/GJ)	\$0.832
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The Authorized Overrun Commodity Charge is payable on all quantities on any Day in excess of the customer's contractual rights, for which authorization has been received. Overrun will be authorized by Union at its sole discretion.

DIVERSION TRANSACTION CHARGE

Charge to a customer Receiving Delivery of diverted gas each time such customer requests a diversion and Union provides the service:	\$10.00
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#### **THE BILL**

The bill will equal the sum of the charges for all services selected plus the rates multiplied by the applicable gas quantities delivered or withdrawn for each service chosen plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply. If the customer selects Union's Sales Service which includes the Gas Supply Charge, no additional charges for Transportation and Storage Services will apply.

#### **MINIMUM BILL**

The minimum bill shall be the Monthly Charge, the Transportation Account Charge and the Demand Charges, as applicable.

#### **DELAYED PAYMENT**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

#### **SERVICE AGREEMENT**

All customers must enter into a Service Agreement with Union before receiving service under this rate schedule.

#### **TERMS AND CONDITIONS OF SERVICE**

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly, Delivery, Carbon (if applicable) and Transportation Account Charges, plus any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the billing data of individual end-users to generate a single bill which is less than the sum of the bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

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ENBRIDGE GAS INC.  
UNION NORTH  
RATE 25 - LARGE VOLUME INTERRUPTIBLE SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user or who is authorized to serve an end-user of gas through one or more Company-owned meters at one location, and whose total maximum daily interruptible requirement is 3,000 m<sup>3</sup> or more or the interruptible portion of a maximum daily requirement for combined firm and interruptible service is 14,000 m<sup>3</sup> or more and whose operations, in the judgement of Union, can readily accept interruption and restoration of gas service.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery, Carbon (if applicable) and Gas Supply Charges shall apply.

(b) **Transportation Service**

For delivery of natural gas owned by the customer on Union's distribution system from the Point of Receipt from TransCanada's system to the Point of Consumption on the customer's or end-user's premises, providing that, in the judgement of Union, acting reasonably, the customer-owned gas does not displace service from Union under a Rate 20 or Rate 100 contract specific to that location. The customer is responsible for obtaining the requisite regulatory approvals for the supply and transmission of such gas to Union's distribution system. For this service, the Monthly, Delivery, Carbon (if applicable), Transportation Account and Diversion Transaction Charges shall apply.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

NOTE: Union has a short-term intermittent gas supply service under Rate 30 which customers may avail themselves, if they qualify for use of the service.

**MONTHLY RATES AND CHARGES**

APPLICABLE TO ALL SERVICES – ALL ZONES (1)

<u>MONTHLY CHARGE</u>	\$350.19
<u>DELIVERY CHARGES</u>	<u>cents per m<sup>3</sup></u>
A Delivery Price for all volumes delivered to the customer to be negotiated between Union and the customer and the average price during the period in which these rates remain in effect shall not exceed:	5.8817
<u>CARBON CHARGES</u>	
Federal Carbon Charge (if applicable) (2)	7.8300
Facility Carbon Charge (in addition to Delivery Charges)	0.0127
<u>UNAUTHORIZED OVERRUN NON - COMPLIANCE RATE</u>	<u>cents per m<sup>3</sup></u>
Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect.	235.9200

Notes:

- (1) Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates, charges and terms and conditions applicable thereto, different from the rates, charges and terms and conditions specified herein if changed rates, charges and terms and conditions are considered by either party to be necessary, desirable and in the public interest.
- (2) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.



ADDITIONAL CHARGES FOR SALES SERVICE

Gas Supply Charge

As per applicable rate provided in Schedule "A".

Interruptible Service

Applicable all year at a price agreed upon between Union and the customer and the average price during the period in which these rates remain in effect.

**HEAT CONTENT ADJUSTMENT**

The gas supply commodity charges hereunder will be adjusted upwards or downwards as described below if the average total heating value of the gas per cubic metre (m<sup>3</sup>) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m<sup>3</sup>, respectively.

The adjustment shall be determined by multiplying the amount otherwise payable by a fraction, where the numerator is the monthly weighted average total heating value per cubic meter and the denominator 37.89.

ADDITIONAL CHARGES FOR TRANSPORTATION – ALL ZONES

MONTHLY TRANSPORTATION ACCOUNT CHARGE:

For customers that currently have installed or will require installing telemetering equipment.

\$239.45

**THE BILL**

The bill will equal the sum of the monthly charges for all services selected plus the rates multiplied by the applicable gas volumes delivered or withdrawn for each service chosen plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply. If the customer selects Union's Sales Service which includes the Gas Supply Charge, no additional charges for Transportation will apply.

**MINIMUM BILL**

The minimum bill shall be the Monthly Charge and the Transportation Account Charge, if applicable.

**DELAYED PAYMENT**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**SERVICE AGREEMENT**

All customers must enter into a Service Agreement with Union before receiving service under this rate schedule.

#### TERMS AND CONDITIONS OF SERVICE

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly, Delivery, Carbon (if applicable) and Transportation Account Charges, plus any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the volumes or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the monthly billing data of individual end-users to generate a single bill which is less than the sum of the monthly bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total volumes of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

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ENBRIDGE GAS INC.  
UNION NORTH  
RATE 30 - INTERMITTENT GAS SUPPLY SERVICE AND SHORT TERM STORAGE / BALANCING SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones already connected to Union's gas distribution system who is an end-user or is authorized to serve an end-user.

**SERVICE AVAILABLE**

For intermittent, short-term gas supply which will be a substitute for energy forms other than Company owned gas sold under other rate schedules. This may include situations where customer-owned gas supplies are inadequate and short-term backstopping service is requested or during a situation of curtailment on the basis of price when the purchase price of Spot gas is outside the interruptible service price range. The gas supply service available hereunder is offered only in conjunction with service to the customer under an applicable firm or interruptible service rate schedule of Union. The service is for intermittent gas supply and short term storage / balancing service and will be billed in combination with Monthly, Delivery, and other applicable charges for such services under the applicable rate schedule. Gas supply under this rate will be provided when, at the sole discretion of Union, adequate supplies are available.

**GAS SUPPLY CHARGE**

The gas supply charge shall be \$5.00 per 10<sup>3</sup>m<sup>3</sup> plus the greater of the incremental cost of gas for Union and the customer's gas supply charge.

**SHORT TERM STORAGE / BALANCING SERVICE**

Short Term Storage / Balancing Service is:

- i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
- ii) short-term firm deliverability, OR
- iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) the minimum amount of storage service to which a customer is willing to commit,
- ii) whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) utilization of facilities, and
- iv) competition.

A commodity charge to be negotiated between Union and the customer not to exceed \$6.000/GJ.

**THE BILL**

The bill for gas supply and/or short term supplemental services under this rate shall be rendered in conjunction with the billing for delivery and other services under the customer's applicable rate for such services.

**SERVICE AGREEMENT**

All customers must enter into a Service Agreement with Union for this service and must agree therein to curtail or interrupt use of gas under this rate schedule whenever requested to do so by Union.

**TERMS AND CONDITIONS OF SERVICE**

1. Failure of the customer to interrupt or curtail use of gas on this rate as requested by Union shall be subject to the Unauthorized Overrun Gas Penalty as provided in Union's Terms and Conditions. Anytime the customer has such failure, Union reserves the right to cancel service under this rate.
2. The Terms and Conditions of the applicable rate schedule for delivery of the gas sold hereunder shall also apply.
3. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

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ENBRIDGE GAS INC.  
UNION NORTH  
RATE 100 – LARGE VOLUME HIGH LOAD FACTOR FIRM SERVICE

**ELIGIBILITY**

Any customer in Union's North West and North East Zones who is an end-user or who is authorized to serve an end-user of gas through one or more Company-owned meters at one location, and whose maximum daily requirement for firm service is 100,000 m<sup>3</sup> or more, and whose annual requirement for firm service is equal to or greater than its maximum daily requirement multiplied by 256.

**SERVICES AVAILABLE**

The following services are available under this rate schedule:

(a) **Sales Service**

For continuous supply of natural gas by Union and associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service, the Monthly, Delivery, Carbon (if applicable) and Gas Supply Charges shall apply.

(b) **Transportation Service**

For continuous delivery on Union's distribution system from the Point of Receipt on TransCanada's system to the Point of Consumption on the customer's premises of natural gas owned by the customer. The customer is responsible for obtaining the requisite regulatory approvals for the supply and transmission of such gas to Union's distribution system. For this service, the Monthly, Delivery, Carbon (if applicable), Transportation Account and Diversion Transaction Charges shall apply. Unless otherwise authorized by Union, customers who initiate a movement to Transportation Service from a Sales Service or Bundled Transportation Service must accept an assignment from Union of transportation capacity on upstream pipeline systems. Customers may reduce their assignment of transportation capacity in compliance with Union's Turnback Policy.

Transportation Service customers in the Union North East Zone may contract with Union for transportation service from Dawn to the customer's delivery area. The charges for the transportation service will consist of the Rate C1 Dawn-Parkway firm transportation rate and applicable fuel charges, in accordance with Union's Rate C1 rate schedule, and all applicable third party (i.e. TransCanada) transportation charges on upstream pipelines from Parkway to the customer's delivery area.

(c) **Bundled Transportation Service**

For continuous delivery by Union of gas owned by the customer and for the associated transportation and storage services necessary to ensure deliverability in accordance with the customer's needs. For this service the Monthly, Delivery, Carbon (if applicable), Gas Supply Demand and Commodity Transportation Charges shall apply.

(d) **Storage Service**

For load balancing purposes for customers using Transportation Service on this rate schedule. If at the sole discretion of Union, adequate supplies exist, bundled and unbundled storage and delivery/redelivery services will be provided.

The charge for Bundled Storage Service will consist of the charges for Transportation Service plus the charges for Bundled Storage Service.

NOTE: Union has a short-term intermittent gas supply service under Rate 30 which customers may avail themselves of, if they qualify for use of the service.

## MONTHLY RATES AND CHARGES

### APPLICABLE TO ALL SERVICES – ALL ZONES (1)

<u>MONTHLY CHARGE</u>	\$1,554.83
<u>DELIVERY CHARGES</u> (cents per Month per m <sup>3</sup> of Daily Contract Demand)	
Monthly Demand Charge for each unit of Contracted Daily Demand	19.1421
Commodity Charge for each unit of gas volumes delivered (cents/m <sup>3</sup> )	0.2760
<u>CARBON CHARGES</u>	
Federal Carbon Charge (if applicable) (2)	7.8300
Facility Carbon Charge (in addition to Delivery Charges)	0.0127

#### Notes:

- (1) Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates, charges and terms and conditions applicable thereto, different from the rates, charges and terms and conditions specified herein if changed rates, charges and terms and conditions are considered by either party to be necessary, desirable and in the public interest.
- (2) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

### ADDITIONAL CHARGES FOR SALES SERVICE

#### Gas Supply Charges

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

#### Commodity Transportation

Charge 1 applies for all gas volumes delivered in the billing month up to the volume represented by the Contract Demand multiplied by the number of days in the billing month multiplied by 0.3.

Charge 2 applies for all additional gas volumes delivered in the billing month.

## HEAT CONTENT ADJUSTMENT

The gas supply commodity charges hereunder will be adjusted upwards or downwards as described below if the average total heating value of the gas per cubic metre (m<sup>3</sup>) determined in accordance with Union's Terms and Conditions in any month falls above or below 37.89 MJ per m<sup>3</sup>, respectively.

The adjustment shall be determined by multiplying the amount otherwise payable by a fraction, where the numerator is the monthly weighted average total heating value per cubic meter and the denominator 37.89.

**COMMISSIONING AND DECOMMISSIONING RATE**

The contract may provide that the Monthly Demand Charges specified above shall not apply on all or part of the daily contracted demand used by the customer either during the testing, commissioning and phasing in of gas using equipment or, alternatively, in the decommissioning and phasing out of gas using equipment being displaced by other gas using equipment, for a period not to exceed one year ("the transitional period"). To be eligible the new or displaced gas using equipment must be separately meterable. In such event, the contract will provide the following rates that such volume during the transitional period will be charged.

	<u>Union North West</u>	<u>Union North East</u>
<u>MONTHLY CHARGE</u>	\$1,554.83	\$1,554.83
<u>DELIVERY CHARGES (cents per m<sup>3</sup>)</u>		
Commodity Charge for each unit of gas volumes delivered	1.1750	1.1750
<u>CARBON CHARGES</u>		
Federal Carbon Charge (if applicable)	7.8300	7.8300
Facility Carbon Charge (in addition to Delivery Charges)	0.0127	0.0127

GAS SUPPLY CHARGES

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

ADDITIONAL CHARGES FOR TRANSPORTATION AND STORAGE SERVICES – ALL ZONES

MONTHLY TRANSPORTATION ACCOUNT CHARGE

For customers that currently have installed or will require installing telemetering equipment \$239.45

BUNDLED (T-SERVICE) STORAGE SERVICE CHARGES

Monthly Demand Charge for each unit of Contracted Daily Storage Withdrawal Entitlement (\$/GJ/Month) \$18.607

Monthly Storage Demand- Price Adjustment for each unit of Contracted Daily Storage Withdrawal Entitlement: (\$/GJ/Month) -

Commodity Charge for each unit of gas withdrawn from storage (\$/GJ) \$0.220

Authorized Overrun Commodity Charge on each additional unit of gas Union authorizes for withdrawal from storage (\$/GJ) \$0.832

The Authorized Overrun Commodity Charge is payable on all quantities on any Day in excess of the customer's contractual rights, for which authorization has been received. Overrun will be authorized by Union at its sole discretion.

DIVERSION TRANSACTION CHARGE

Charge to a customer Receiving Delivery of diverted gas each time such customer requests a diversion and Union provides the service: \$10.00

## THE BILL

The bill will equal the sum of the charges for all services selected plus the rates multiplied by the applicable gas quantities delivered or withdrawn for each service chosen plus all applicable taxes. If the customer transports its own gas, the Gas Supply Charge under Sales Service will not apply. If the customer selects Union's Sales Service which includes the Gas Supply Charge, no additional charges for Transportation and Storage Services will apply.

## MINIMUM BILL

The minimum bill shall be the Monthly Charge, the Transportation Account Charge and the Demand Charges, as applicable.

## DELAYED PAYMENT

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

## SERVICE AGREEMENT

All customers must enter into a Service Agreement with Union before receiving service under this rate schedule.

## TERMS AND CONDITIONS OF SERVICE

1. Service shall be for a minimum term of one year.
2. If multiple end-users are receiving service from a customer under this rate, for billing purposes, the Monthly, Delivery, Carbon (if applicable) and Transportation Account Charges, plus any other charge that is specific to the location of each end-user shall be used to develop a monthly bill for each end-user at each location. Upon request, possibly for a fee, Union will combine the individual bills on a single invoice or statement for administrative convenience. However, Union will not combine the quantities or demands of several end-use locations so that eligibility to a different rate class will result. Further, Union will not combine the billing data of individual end-users to generate a single bill which is less than the sum of the bills of the individual end-users involved at each location.
3. Customers must enter into a Service Agreement with Union prior to the commencement of service.
4. For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.
5. The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Effective January 1, 2022  
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Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION NORTH  
GAS SUPPLY CHARGES

**(A) Availability**

Available to customers in Union's North West and North East Delivery Zones.

**(B) Applicability:**

To all sales customers served under Rate 01A, Rate 10, Rate 20, Rate 100 and Rate 25.

**(C) Rates**

<u>Utility Sales</u>	<u>Union North West</u>	<u>Union North East</u>
Rate 01A (cents / m <sup>3</sup> )		
Storage	2.1006	5.8877
Storage - Price Adjustment	-	-
Commodity and Fuel (1)	12.2567	13.7627
Commodity and Fuel - Price Adjustment (2)	(1.1009)	(0.9051)
Transportation	4.6162	2.2875
Transportation - Price Adjustment (2)	0.1947	(0.1792)
Total Gas Supply Charge	<u>18.0673</u>	<u>20.8536</u>

Rate 10 (cents / m<sup>3</sup>)

Storage	1.6209	4.2932
Storage - Price Adjustment	-	-
Commodity and Fuel (1)	12.2567	13.7627
Commodity and Fuel - Price Adjustment (2)	(1.1009)	(0.9051)
Transportation	4.0418	2.0982
Transportation - Price Adjustment (2)	0.1947	(0.1792)
Total Gas Supply Charge	<u>17.0132</u>	<u>19.0698</u>

Voluntary RNG Program (if applicable) (3)

Monthly Charge - Rate 01 and Rate 10	\$ 2.00	\$ 2.00
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Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.2012 cents/m<sup>3</sup>.
- (2) Prospective recovery of gas supply deferral accounts.
- (3) The Voluntary RNG Program Charge is a fixed monthly charge applicable to customers who elect to participate in the Company's Voluntary RNG Program to fund the incremental cost of purchasing renewable natural gas as part of system supply. The charge will be applicable for a minimum term of one billing month, renewing automatically monthly until terminated by the customer or until the Company terminates the Voluntary RNG Program, whichever occurs earlier. The fixed monthly charge will apply to applicable customers whether or not they consume natural gas within the billing period.



ENBRIDGE GAS INC.  
UNION NORTH  
GAS SUPPLY CHARGES

Utility Sales

Rate 20 (cents / m <sup>3</sup> )	Union North West	Union North East
Commodity and Fuel (1)	11.8183	13.2695
Commodity and Fuel - Price Adjustment (2)	(1.1009)	(0.9051)
Commodity Transportation - Charge 1	2.5289	1.7634
Transportation 1 - Price Adjustment (2)	0.1947	(0.1792)
Commodity Transportation - Charge 2	-	-
Monthly Gas Supply Demand	41.9874	42.6634
Gas Supply Demand - Price Adjustment	-	-
Commissioning and Decommissioning Rate	4.9397	4.0726
Rate 100 (cents / m <sup>3</sup> )		
Commodity and Fuel (1)	11.8183	13.2695
Commodity and Fuel - Price Adjustment (2)	(1.1009)	(0.9051)
Commodity Transportation - Charge 1	4.3332	6.6730
Commodity Transportation - Charge 2	-	-
Monthly Gas Supply Demand	77.2479	116.6861
Commissioning and Decommissioning Rate	5.4852	8.3402
Rate 25 (cents / m <sup>3</sup> )		
Gas Supply Charge:		
Interruptible Service		
Minimum	1.4848	1.4848
Maximum	675.9484	675.9484
<u>Natural Gas Liquefaction Service (\$ / GJ) (3)</u>		
Gas Supply Charge:		
Interruptible Service		
Minimum		0.392
Maximum		178.398

Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.2012 cents/m<sup>3</sup>.
- (2) Prospective recovery of gas supply deferral accounts.
- (3) Billing in energy (\$/GJ) will only apply to the Natural Gas Liquefaction Service.

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ENBRIDGE GAS INC.  
UNION SOUTH  
SMALL VOLUME GENERAL SERVICE RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To general service customers whose total consumption is equal to or less than 50,000 m<sup>3</sup> per year.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates. (1)

a) Monthly Charge		\$23.18	
b) Delivery Charge			
First	100 m <sup>3</sup>	#####	¢ per m <sup>3</sup>
Next	150 m <sup>3</sup>	#####	¢ per m <sup>3</sup>
All Over	250 m <sup>3</sup>	#####	¢ per m <sup>3</sup>
Delivery - Price Adjustment (All Volumes)	(2)	4.9085	¢ per m <sup>3</sup>
c) Carbon Charges			
Federal Carbon Charge (if applicable)	(3)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Delivery Charge)		0.0127	¢ per m <sup>3</sup>
Federal Carbon Charge - Price Adjustment (if applicable)		-	¢ per m <sup>3</sup>
d) Storage Charge (if applicable)		#####	¢ per m <sup>3</sup>
Storage - Price Adjustment (All Volumes)		-	¢ per m <sup>3</sup>

Applicable to all bundled customers (sales and bundled transportation service).

e) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

f) System Expansion Surcharge ("SES") and Temporary Connection Surcharge ("TCS") (if applicable) (4)

The SES is applicable to a customer who receives gas distribution services from the Company as part of a Community Expansion Project listed below. The SES is applied to all volumes consumed by customers in the approved Community Expansion Project areas. The Company may apply the SES for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

The TCS is applicable to a customer who receives gas distribution services from the Company as part of a Small Main Extension or Customer Attachment Project in lieu of paying a Contribution in Aid of Construction (CIAC). The TCS is applied to all volumes consumed, if applicable. The Company may require payment of a CIAC or apply the TCS for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

System Expansion Surcharge (SES):	23.0000	¢ per m <sup>3</sup>
Temporary Connection Surcharge (TCS):	23.0000	¢ per m <sup>3</sup>

<u>Community Expansion Project</u>	<u>In-service Date</u>	<u>SES Term</u>
Kettle and Stony Point First Nation and Lambton Shores	2017	12 years
Milverton, Rostock and Wartburg	2017	15 years
Delaware Nation of Moraviantown First Nation	2018	40 years
Chippewas of the Thames First Nation	2019	40 years
Saugeen First Nation	2020	40 years

**Notes:**

- (1) During any month in which a customer terminates service or begins service, the fixed charge for the month will be prorated to such
- (2) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary charge of 4.9085 cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.
- (3) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.
- (4) Additional conditions and defined terms applicable to the SES and TCS are set out in the Company's Distribution New Business Guidelines as approved by the OEB in its EB-2020-0094 decision.

**(D) Supplemental Service to Commercial and Industrial Customers Under Group Meters**

Combination of readings from several meters may be authorized by the Company and the Company will not reasonably withhold authorization in cases where meters are located on contiguous pieces of property of the same owner not divided by a public right-of-way.

**(E) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(F) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(G) Overrun Charge**

In the event that a direct purchase customer fails to deliver its contracted volumes to Union, and Union has the capability to continue to supply the customer, Union will do so. The customer may pay for the identified delivery charge plus facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, plus 7¢ per m<sup>3</sup>.

Overrun Delivery Charge	6.8235	¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0127	¢ per m <sup>3</sup>

**(H) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule, the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union. Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

**(I) Company Policy Relating to Terms of Service**

- a. Customers who temporarily discontinue service during any twelve consecutive months without payment of the monthly fixed charge for the months in which the gas is temporarily disconnected shall pay for disconnection and reconnection.
- b. When gas is delivered at an absolute pressure in excess of 101.325 kilopascals, then for purposes of measurement, hereunder, such volume of gas shall be corrected to an absolute pressure of 101.325 kilopascals. Atmospheric pressure is assumed to be the levels shown below in kilopascals (absolute) regardless of the actual atmospheric pressure at which the gas is measured and delivered.

<u>Zone</u>	Assumed Atmospheric Pressure kPa	<u>Zone</u>	Assumed Atmospheric Pressure kPa
1	100.148	7	97.582
2	99.494	8	97.065
3	98.874	9	96.721
4	98.564	10	100.561
5	98.185	11	99.321
6	97.754	12	98.883

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ENBRIDGE GAS INC.  
UNION SOUTH  
LARGE VOLUME GENERAL SERVICE RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To general service customers whose total consumption is greater than 50,000 m<sup>3</sup> per year.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates. (1)

a) Monthly Charge		\$74.92	
b) Delivery Charge			
First	1 000 m <sup>3</sup>	5.5444	¢ per m <sup>3</sup>
Next	6 000 m <sup>3</sup>	5.4448	¢ per m <sup>3</sup>
Next	13 000 m <sup>3</sup>	5.1191	¢ per m <sup>3</sup>
All Over	20 000 m <sup>3</sup>	4.7641	¢ per m <sup>3</sup>
Delivery – Price Adjustment (All Volumes)	(2)	(1.2364)	¢ per m <sup>3</sup>
c) Carbon Charges			
Federal Carbon Charge (if applicable)	(3)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Delivery Charge)		0.0127	¢ per m <sup>3</sup>
Federal Carbon Charge - Price Adjustment (if applicable)		-	¢ per m <sup>3</sup>
d) Storage Charge (if applicable)		0.7589	¢ per m <sup>3</sup>
Storage - Price Adjustment (All Volumes)		-	¢ per m <sup>3</sup>

Applicable to all bundled customers (sales and bundled transportation service).

e) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

f) System Expansion Surcharge ("SES") and Temporary Connection Surcharge ("TCS") (if applicable) (4)

The SES is applicable to a customer who receives gas distribution services from the Company as part of a Community Expansion Project listed below in lieu of or in addition to paying a Contribution in Aid of Construction (CIAC), at the customer's option. The Company may apply the SES for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

The TCS is applicable to a customer who receives gas distribution services from the Company as part of a Small Main Extension or Customer Attachment Project in lieu of paying a CIAC, at the customer's option. The Company may require payment of a CIAC and/or apply the TCS for a term of up to 40 years, to be determined in accordance with the Company's feasibility policy.

If applicable, the SES and TCS are applied to all volumes consumed for the SES or TCS term.

System Expansion Surcharge (SES):	23.0000	¢ per m <sup>3</sup>
Temporary Connection Surcharge (TCS):	23.0000	¢ per m <sup>3</sup>

<u>Community Expansion Project Areas:</u>	<u>In-service Date</u>	<u>SES Term</u>
Kettle and Stony Point First Nation and Lambton Shores	2017	12 years
Milverton, Rostock and Wartburg	2017	15 years
Delaware Nation of Moraviantown First Nation	2018	40 years
Chippewas of the Thames First Nation	2019	40 years
Saugeen First Nation	2020	40 years

**Notes:**

- (1) During any month in which a customer terminates service or begins service, the fixed charge for the month will be prorated to such customer.
- (2) Approved in EB-2020-0067 (2017 & 2018 DSM Deferral and Variance Accounts), includes a temporary credit of (1.2364) cents/m<sup>3</sup> effective April 1, 2021 to September 30, 2021.
- (3) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.
- (4) Additional conditions and defined terms applicable to the SES and TCS are set out in the Company's Distribution New Business Guidelines as approved by the OEB in its EB-2020-0094 decision.

**(D) Supplemental Service to Commercial and Industrial Customers Under Group Meters**

Combination of readings from several meters may be authorized by the Company and the Company will not reasonably withhold authorization in cases where meters are located on contiguous pieces of property of the same owner not divided by a public right-of-way.

**(E) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(F) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(G) Overrun Charge**

In the event that a direct purchase customer fails to deliver its contracted volumes to Union, and Union has the capability to continue to supply the customer, Union will do so. The customer may pay for the identified delivery charge plus facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, plus 7¢ per m<sup>3</sup>.

Overrun Delivery Charge	6.3033	¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0127	¢ per m <sup>3</sup>

**(H) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule, the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union. Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

**(I) Company Policy Relating to Terms of Service**

- a. Customers who temporarily discontinue service during any twelve consecutive months without payment of the monthly fixed charge for the months in which the gas is temporarily disconnected shall pay for disconnection and reconnection.
- b. When gas is delivered at an absolute pressure in excess of 101.325 kilopascals, then for purposes of measurement, hereunder, such volume of gas shall be corrected to an absolute pressure of 101.325 kilopascals. Atmospheric pressure is assumed to be the levels shown below in kilopascals (absolute) regardless of the actual atmospheric pressure at which the gas is measured and delivered.

<u>Zone</u>	Assumed Atmospheric Pressure <u>kPa</u>	<u>Zone</u>	Assumed Atmospheric Pressure <u>kPa</u>
1	100.148	7	97.582
2	99.494	8	97.065
3	98.874	9	96.721
4	98.564	10	100.561
5	98.185	11	99.321
6	97.754	12	98.883

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
FIRM INDUSTRIAL AND COMMERCIAL CONTRACT RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer who enters into a contract for the purchase or transportation of gas for a minimum term of one year that specifies a daily contracted demand between 2 400 m<sup>3</sup> and 60 000 m<sup>3</sup>.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

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

(i) A Monthly Demand Charge

First	8 450 m <sup>3</sup> of daily contracted demand	66.9064	¢ per m <sup>3</sup>
Next	19 700 m <sup>3</sup> of daily contracted demand	31.9419	¢ per m <sup>3</sup>
All Over	28 150 m <sup>3</sup> of daily contracted demand	27.3987	¢ per m <sup>3</sup>

(ii) A Monthly Delivery Commodity Charge

First 422 250 m <sup>3</sup> delivered per month		1.7594	¢ per m <sup>3</sup>
Next volume equal to 15 days use of daily contracted demand		1.7594	¢ per m <sup>3</sup>
For remainder of volumes delivered in the month		0.6603	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes)		-	¢ per m <sup>3</sup>
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(iii) Carbon Charges

Federal Carbon Charge (if applicable) (2)		7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Delivery Charge)		0.0127	¢ per m <sup>3</sup>

(iv) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

Note:

(1) Effective July 1, 2019, Rate M4 customers with firm only service will be charged a one-time adjustment annually set at the equivalent of one dollar per month to comply with Ontario Regulation 24/19 for the expansion of natural gas distribution systems within Ontario.

2. Overrun Charge

Authorized overrun gas is available provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization. Overrun means gas taken on any day in excess of 103% of contracted daily demand. Authorized overrun will be available April 1 through October 31 at the identified authorized overrun delivery charge plus the facility carbon charge and, if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all volumes purchased.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun charge plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all gas supply volumes purchased.

Authorized Overrun Delivery Charge		3.9591	¢ per m <sup>3</sup>
Unauthorized Overrun Delivery Charge		6.8235	¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable) (2)		7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)		0.0127	¢ per m <sup>3</sup>

3. Firm Minimum Annual Charge

In each contract year, the customer shall purchase from Union or pay for a minimum volume of gas or transportation services equivalent to 146 days use of firm contracted demand. Overrun gas volumes will not contribute to the minimum volume. In the event that the customer shall not take such minimum volume the customer shall pay an amount equal to the deficiency from the minimum volume times the identified firm minimum annual delivery charge and, if applicable a gas supply commodity charge provided in Schedule "A".

Firm Minimum Annual Delivery Charge	1.9606	¢ per m <sup>3</sup>
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In the event that the contract period exceeds one year the annual minimum volume will be prorated for any part year.

4. Interruptible Service

Union may agree, in its sole discretion, to combine a firm service with an interruptible service provided that the amount of interruptible volume to be delivered and agreed upon by Union and the customer shall be no less than 350,000 m<sup>3</sup> per year.

The price of all gas delivered by Union pursuant to any contract, contract amendment, or contract renewal shall be determined on the basis of the following schedules:

a) (i) Monthly Delivery Commodity Charge

Daily Contracted Demand Level (CD)

2 400 m <sup>3</sup> ≤ CD < 17 000 m <sup>3</sup>	3.2879	¢ per m <sup>3</sup>
17 000 m <sup>3</sup> ≤ CD < 30 000 m <sup>3</sup>	3.1580	¢ per m <sup>3</sup>
30 000 m <sup>3</sup> ≤ CD < 50 000 m <sup>3</sup>	3.0897	¢ per m <sup>3</sup>
50 000 m <sup>3</sup> ≤ CD ≤ 60 000 m <sup>3</sup>	3.0418	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes)	-	¢ per m <sup>3</sup>
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(ii) Carbon Charges

Federal Carbon Charge (if applicable) (2)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Delivery Charge)	0.0127	¢ per m <sup>3</sup>

(iii) Days Use of Interruptible Contract Demand

The price determined under Paragraph 4(a) of "Rates" will be reduced by the amount based on the number of Days Use of Contracted Demand as scheduled below:

For 75 days use of contracted demand	0.0530	¢ per m <sup>3</sup>
For each additional days use of contracted demand up to a maximum of 275 days, an additional discount of	0.00212	¢ per m <sup>3</sup>

(iv) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

(v) Monthly Charge	\$726.48	per month
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- b) In each contract year, the customer shall take delivery from Union, or in any event pay for, if available and not accepted by the customer, a minimum volume of gas or transportation services as specified in the contract between the parties and which will not be less than 350 000 m<sup>3</sup> per annum. Overrun volumes will not contribute to the minimum volume. In the event that the customer shall not take such minimum volume, the customer shall pay an amount equal to the deficiency from the minimum volume times the identified interruptible minimum annual delivery charge, and if applicable, a gas supply charge provided in Schedule "A".

In the event that the contract period exceeds one year, the annual minimum volume will be prorated for any part year.

Interruptible Minimum Annual Delivery Charge	3.4891	¢ per m <sup>3</sup>
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- c) Overrun gas is available without penalty provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization. Overrun means gas taken on any day in excess of 105% of contracted daily demand.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun delivery charge plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	6.8235	¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable (2))	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0127	¢ per m <sup>3</sup>

Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 235.9200 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

Note:

- (2) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems for all volumes. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.



ENBRIDGE GAS INC.  
UNION SOUTH  
INTERRUPTIBLE INDUSTRIAL AND COMMERCIAL CONTRACT RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer who enters into a contract for the purchase or transportation of gas for a minimum term of one year that specifies a daily contracted demand between 2 400 m<sup>3</sup> and 60 000 m<sup>3</sup> inclusive.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

1. Interruptible Service

The price of all gas delivered by Union pursuant to any contract, contract amendment, or contract renewal shall be determined on the basis of the following schedules:

a) (i) Monthly Delivery Commodity Charge

Daily Contracted Demand Level (CD)

2 400 m <sup>3</sup> ≤ CD < 17 000 m <sup>3</sup>	3.2879	¢ per m <sup>3</sup>
17 000 m <sup>3</sup> ≤ CD < 30 000 m <sup>3</sup>	3.1580	¢ per m <sup>3</sup>
30 000 m <sup>3</sup> ≤ CD < 50 000 m <sup>3</sup>	3.0897	¢ per m <sup>3</sup>
50 000 m <sup>3</sup> ≤ CD ≤ 60 000 m <sup>3</sup>	3.0418	¢ per m <sup>3</sup>

Delivery - Price Adjustment (All Volumes)	-	¢ per m <sup>3</sup>
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(ii) Carbon Charges

Federal Carbon Charge (if applicable) (1)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Delivery Charge)	0.0127	¢ per m <sup>3</sup>

(iii) Days Use of Interruptible Contract Demand

The price determined under Paragraph 1(a) of "Rates" will be reduced by the amount based on the number of Days Use of Contracted Demand as scheduled below:

For 75 days use of contracted demand	0.0530	¢ per m <sup>3</sup>
For each additional days use of contracted demand up to a maximum of 275 days, an additional discount of	0.00212	¢ per m <sup>3</sup>

(iv) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel. The applicable rates are provided in Schedule "A".

(v) Monthly Charge \$726.48 per month

2. In each contract year, the customer shall take delivery from Union, or in any event pay for, if available and not accepted by the customer, a minimum volume of gas or transportation services as specified in the contract between the parties and which will not be less than 350 000 m<sup>3</sup> per annum. Overrun volumes will not contribute to the minimum volume. In the event that the customer shall not take such minimum volume, the customer shall pay an amount equal to the deficiency from the minimum volume times the identified interruptible minimum annual delivery charge, and if applicable, a gas supply charge provided in Schedule "A".

In the event that the contract period exceeds one year, the annual minimum volume will be prorated for any part year.

Interruptible Minimum Annual Delivery Charge	3.4891	¢ per m <sup>3</sup>
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3. Overrun gas is available without penalty provided that it is authorized by Union in advance. Union will not unreasonably withhold authorization. Overrun means gas taken on any day in excess of 105% of contracted daily demand.

Unauthorized overrun gas taken in any month shall be paid for at the identified unauthorized overrun delivery charge plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	6.8235	¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable) (1)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0127	¢ per m <sup>3</sup>

Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 235.9200 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

4. Non-Interruptible Service

Union may agree, in its sole discretion, to combine an interruptible service with a firm service in which case the amount of firm daily demand to be delivered shall be agreed upon by Union and the customer.

- a) The monthly demand charge for firm daily deliveries will be 40.3827 ¢ per m<sup>3</sup>.
- b) The commodity charge for firm service shall be the rate for firm service at Union's firm rates net of a monthly demand charge of 40.3827 ¢ per m<sup>3</sup> of daily contracted demand. The commodity charge includes the facility carbon charge related to the firm service.
- c) The interruptible commodity charge will be established under Clause 1 of this schedule.
- d) The federal carbon charge of 7.8300 ¢ per m<sup>3</sup>, if applicable. (1)

Note:

- (1) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
SPECIAL LARGE VOLUME INDUSTRIAL AND COMMERCIAL CONTRACT RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a Customer

- a) who enters into a contract for the purchase or transportation of gas for a minimum term of one year that specifies a combined maximum daily requirement for firm, interruptible and seasonal service of at least 60 000 m<sup>3</sup>; and
- b) who has site specific energy measuring equipment that will be used in determining energy balances.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

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

(i) A Monthly Demand Charge

A negotiated Monthly Demand Charge for each m<sup>3</sup> of daily contracted firm demand up to 33.5678 ¢ per m<sup>3</sup>

(ii) A Monthly Delivery Commodity Charge

(1) A Monthly Firm Delivery Commodity Charge for all firm volumes of 0.2686 ¢ per m<sup>3</sup>  
and a Delivery - Price Adjustment of - ¢ per m<sup>3</sup>

(2) A Monthly Interruptible Delivery Commodity Charge for all interruptible volumes to be negotiated between Union and the customer not to exceed an annual average of 6.2706 ¢ per m<sup>3</sup>  
and a Delivery - Price Adjustment of - ¢ per m<sup>3</sup>

(3) A Monthly Seasonal Delivery Commodity Charge for all seasonal volumes to be negotiated between Union and the customer not to exceed an annual average of 6.0265 ¢ per m<sup>3</sup>  
and a Delivery - Price Adjustment of - ¢ per m<sup>3</sup>

(ii) Carbon Charges

Federal Carbon Charge (if applicable) (1) 7.8300 ¢ per m<sup>3</sup>  
Facility Carbon Charge (in addition to Delivery Charge) 0.0127 ¢ per m<sup>3</sup>

(iii) Gas Supply Charge (if applicable) (2)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

(iv) Overrun Gas

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

Unauthorized overrun gas taken in any month shall be paid for at the M1 rate in effect at the time the overrun occurs, including the identified facility carbon charge, and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup> for all the gas supply volumes purchased.

Federal Carbon Charge (if applicable (1) 7.8300 ¢ per m<sup>3</sup>  
Facility Carbon Charge (in addition to Overrun Delivery Charge) 0.0127 ¢ per m<sup>3</sup>

Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 235.9200 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

Note:

- (1) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.
- (2) Effective July 1, 2019, Rate M7 customers will be charged a one-time adjustment annually set at the equivalent of one dollar per month to comply with Ontario Regulation 24/19 for the expansion of natural gas distribution systems within Ontario.

2. In negotiating the Monthly Interruptible and Seasonal Commodity Charges, the matters to be considered include:
  - (a) The volume of gas for which the customer is willing to contract,
  - (b) The load factor of the customer's anticipated gas consumption, the pattern of annual use, and the minimum annual quantity of gas which the customer is willing to contract to take or in any event pay for,
  - (c) Interruptible or curtailment provisions, and
  - (d) Competition.
3. In each contract year, the customer shall take delivery from Union, or in any event, pay for if available and not accepted by the customer, a minimum volume of gas as specified in the contract between the parties. Overrun gas volumes will not contribute to the minimum volume.
4. The contract may provide that the Monthly Demand Charge specified in Rate Section 1 above shall not apply on all or part of the daily contracted firm demand used by the customer during the testing, commissioning, phasing in, decommissioning and phasing out of gas-using equipment for a period not to exceed one year (the "transition period"). In such event, the contract will provide for a Monthly Delivery Commodity Charge to be applied on such volume during the transition at the identified commissioning and decommissioning rate plus the facility carbon charge and if applicable, the identified federal carbon charge and the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>.

Commissioning and Decommissioning Rate	4.4700	¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Commissioning and Decommissioning Rate)	0.0127	¢ per m <sup>3</sup>

5. Either the utility or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates and other charges different from the rates and other charges specified herein if the changed rates and other charges are considered by either party to be necessary, desirable and in the public interest.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Bundled Direct Purchase Delivery and Short Term Supplemental Services**

Where a customer elects transportation service and/or a short term supplemental service under this rate schedule, the customer must enter into a Contract under rate schedule R1.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
LARGE WHOLESALE SERVICE RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a Distributor:

- a) who enters into a contract to purchase and/or receive delivery of a firm supply of gas for distribution to its customers; and
- b) who agrees to take or pay for an annual quantity of at least two million cubic metres; and
- c) who commenced and continued service under Rate M9 prior to January 1, 2019.

**(C) Rates**

The identified rates (excluding gas supply, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

- (i) A Monthly Demand Charge of established daily demand determined in accordance with the service contract, such demand charge to be computed on a calendar month basis and a pro-rata charge to be made for the fraction of a calendar month which will occur if the day of first regular delivery does not fall on the first day of a month. 26.2240 ¢ per m<sup>3</sup>
- (ii) A Delivery Commodity Charge for gas delivered of 0.1686 ¢ per m<sup>3</sup>  
and a Delivery - Price Adjustment of - ¢ per m<sup>3</sup>
- (iii) Carbon Charges
  - Federal Carbon Charge (if applicable) (1) 7.8300 ¢ per m<sup>3</sup>
  - Facility Carbon Charge (in addition to Delivery Commodity Charge) 0.0127 ¢ per m<sup>3</sup>
- (iv) Gas Supply Charge (if applicable)

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

Note:

- (1) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Overrun Charge**

Authorized:

For all quantities on any day in excess of 103% of the customer's contractual rights, for which authorization has been received, the customer will be charged at the identified authorized overrun delivery charge plus the facility carbon charge. Overrun will be authorized by Union at its sole discretion.

Unauthorized:

For all quantities on any day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged at the identified unauthorized overrun delivery charge plus the facility carbon charge.

Authorized Overrun Delivery Charge	1.0308 ¢ per m <sup>3</sup>
Unauthorized Overrun Delivery Charge	36.0000 ¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable)	7.8300 ¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0127 ¢ per m <sup>3</sup>

**(G) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
SMALL WHOLESALE SERVICE RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a non-contract distributor who purchases and/or receives delivery of a firm supply of gas for distribution only to its own customers.

**(C) Rates**

The identified rates (excluding gas supply, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated which may be higher than the identified rates.

- |  |                             |
|--|-----------------------------|
| 1. A Delivery Commodity Charge of                                    | 8.1175 ¢ per m <sup>3</sup> |
| 2. <u>Carbon Charges</u>   |                             |
| Federal Carbon Charge (if applicable) (1)                            | 7.8300 ¢ per m <sup>3</sup> |
| Facility Carbon Charge (in addition to Delivery Commodity Charge) of | 0.0127 ¢ per m <sup>3</sup> |
| 3. Gas Supply Charge (if applicable)                                 |                             |

The gas supply charge is comprised of charges for transportation and for commodity and fuel.  
The applicable rates are provided in Schedule "A".

Note:

(1) The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

**(E) Direct Purchase**

Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union, and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**(F) Overrun Charge**

In the event that a direct purchase customer fails to deliver its contracted volumes to Union, and Union has the capability to continue to supply the customer, Union will do so. This gas shall be paid for at the identified unauthorized overrun delivery charge plus the facility carbon charge and if applicable, the total gas supply charge for utility sales provided in Schedule "A" per m<sup>3</sup>, plus 7¢ per m<sup>3</sup> for all gas supply volumes purchased.

Unauthorized Overrun Delivery Charge	6.8235 ¢ per m <sup>3</sup>
Federal Carbon Charge (if applicable)	7.8300 ¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Delivery Charge)	0.0127 ¢ per m <sup>3</sup>

**(G) Bundled Direct Purchase Delivery**

Where a customer elects transportation service under this rate schedule, the customer must enter into a Bundled T Gas Contract with Union for delivery of gas to Union.

Bundled T Gas Contract Rates and Gas Purchase Contract Rates are described in rate schedule R1.

Effective January 1, 2022  
Implemented January 1, 2022  
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ENBRIDGE GAS INC.  
UNION SOUTH  
BUNDLED DIRECT PURCHASE CONTRACT RATE

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer who enters into a Receipt Contract or Gas Purchase Contract for delivery and/or sale of gas to Union.

**(C) Rates**

	<u>Demand Charge Rate/GJ/month</u>	<u>Commodity Charges/Credits Rate/GJ</u>
a) Transportation by Union For gas delivered to Union at any point other than the Ontario Point(s) of Receipt, Union will charge a customer all approved tolls and charges, incurred by Union to transport the gas to the Ontario		
b) Firm Backstop Gas Applied to the contracted Firm Backstop Gas Supply Service	\$1.549	
Backstop Gas Commodity Charge On all quantities supplied by Union to the Ontario Point(s) of Receipt		\$3.938
c) Reasonable Efforts Backstop Gas Paid on all quantities of gas supplied by Union to the customer's Point(s) of Consumption		\$5.167
d) Banked Gas Purchase  T-service		Note (1)
e) Failure to Deliver Applied to all quantities not delivered to Union in the event the customer's supply fails		\$3.054
f) Short Term Storage / Balancing Service (2)  Maximum		\$6.000
g) Discretionary Gas Supply Service ("DGSS")		Note (3)
h) Parkway Delivery Commitment Incentive ("PDCI")		\$(0.152)



**Notes:**

(1) The charge for banked gas purchases shall be the higher of the daily spot cost at Dawn in the month of or the month following the month in which gas is sold under this rate and shall not be less than Union's approved weighted average cost of gas.

(2) Short Term Storage / Balancing Service is:

- i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
- ii) short-term firm deliverability, OR
- iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for short term storage services, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

(3) Discretionary Gas Supply Service price reflects the "back-to-back" price plus gas supply administration charge.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

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ENBRIDGE GAS INC.  
UNION SOUTH  
STORAGE AND TRANSPORTATION RATES FOR CONTRACT CARRIAGE CUSTOMERS

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer:

- a) whose qualifying annual transportation volume for combined firm and interruptible service is at least 2 500 000 m<sup>3</sup> or greater and has a daily firm contracted demand up to 140,870 m<sup>3</sup>; and
- b) who enters into a Carriage Service Contract with Union for the transportation or the storage and transportation of Gas for use at facilities located within Union's gas franchise area; and
- c) who has meters with electronic recording at each Point of Consumption; and
- d) who has site specific energy measuring equipment that will be used in determining energy balances; and
- e) for whom Union has determined transportation and/or storage capacity is available.

For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.

**(C) Rates**

The following rates shall be charged for all quantities contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE:**

	Demand Charge Rate/GJ/mo	Commodity Charge Rate/GJ	<u>For Customers Providing Their Own Compressor Fuel</u>	
			Fuel Ratio	Commodity Charge Rate/GJ
a) Annual Firm Storage Space Applied to contracted Maximum Annual Storage Space	\$0.012			
b) Annual Firm Injection/Withdrawal Right: Applied to the contracted Maximum Annual Firm Injection/Withdrawal Right Union provides deliverability Inventory	\$1.684			
Customer provides deliverability Inventory (4)	\$1.415			
c) Incremental Firm Injection Right: Applied to the contracted Maximum Incremental Firm Injection Right	\$1.415			
d) Annual Interruptible Withdrawal Right: Applied to the contracted Maximum Annual Interruptible Withdrawal Right	\$1.415			

	Demand Charge Rate/GJ/mo	Commodity Charge Rate/GJ	Fuel Ratio	For Customers Providing Their Own Compressor Fuel Commodity Charge Rate/GJ
e) Withdrawal Commodity Paid on all quantities withdrawn from storage up to the Maximum				
Daily Storage Withdrawal Quantity		\$0.027	0.430%	\$0.012
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.027	0.430%	\$0.012
g) Short Term Storage / Balancing Service Maximum		\$6.000		

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Annual Firm Injection Rights are equal to 100% of their respective Annual Firm Withdrawal Rights. Injection Rights in excess of the Annual Firm Injection Rights will be charged at the Incremental Firm Injection Right.
3. Annual Firm Storage Space

The maximum storage space available to a customer at the rates specified herein is determined by one of the following storage allocation methodologies:

3.1 Aggregate Excess

Aggregate excess is the difference between the customer's total 151-day winter consumption (November 1 through March 31) and the customer's average daily consumption (Daily Contract Quantity) for the contract year multiplied by 151 days of winter. This calculation will be done using two years of historical data (with 25% weighting for each year) and one year of forecast data (with 50% weighting). If a customer is new, or an existing customer is undergoing a significant change in operations, the allocation will be based on forecast consumption only, as negotiated between Union and the customer. Once sufficient historical information is available for the customer, the standard calculation will be done. At each contract renewal, the aggregate excess calculation will be performed to set the new space allocation.

3.2 Obligated daily contract quantity multiple of 15

Obligated daily contract quantity is the firm daily quantity of gas which the customer must deliver to Union. The 15 x obligated daily contract quantity calculation will be done using the daily contract quantity for the upcoming contract year. At each contract renewal, the 15 x obligated daily contract quantity calculation will be performed to set the new space allocation.

Customers may contract for less than their maximum entitlement of firm storage space.

4. Annual Injection/Withdrawal Right

The maximum level of deliverability available to a customer at the rates specified herein is determined by one of the following methodologies:

4.1 The greater of obligated daily contract quantity or firm daily contract demand less obligated daily contract quantity.

Customers may contract for less than their maximum entitlement of deliverability. A customer may contract up to this maximum entitlement with a combination of firm and interruptible deliverability as specified in Section (C) Storage Service.

5. Additional storage space or deliverability, in excess of the allocated entitlements per Notes 3 and 4, may be available at market prices.
6. Storage Space and Withdrawal Rights are not assignable to any other party without the prior written consent of Union.

7. Deliverability Inventory being defined as 20% of annual storage space.
8. Short Term Storage / Balancing Service is:
  - i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, or
  - ii) short-term firm deliverability, or
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

**TRANSPORTATION CHARGES:**

	Demand Charge	Union Providing Compressor Fuel	For Customers Providing Their Own Compressor Fuel	
		Commodity Charge	Fuel Ratio (4)	Commodity Charge
	<u>Rate/m<sup>3</sup>/mo</u>	<u>Rate/m<sup>3</sup></u>		<u>Rate/m<sup>3</sup></u>
a) Annual Firm Transportation				
Applied to the Firm Daily Contract Demand				
First 28,150 m <sup>3</sup> per month	43.5565 ¢			
Next 112,720 m <sup>3</sup> per month	30.9585 ¢			
b) Firm Transportation Commodity				
Paid on all firm quantities redelivered to the customer's Point(s) of Consumption				
Commodity Charge (All volumes)		0.1691 ¢	0.351%	0.1215 ¢
c) Interruptible Transportation Commodity				
Paid on all interruptible quantities redelivered to the customer's Point(s) of Consumption				
Maximum		6.2706 ¢	0.351%	6.2230 ¢
d) Carbon Charges				
Federal Carbon Charge (if applicable) (6)		7.8300 ¢		7.8300 ¢
Facility Carbon Charge (in addition to Transportation Commodity Charge(s))		0.0127 ¢		0.0127 ¢

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, at its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. In negotiating the rate to be charged for the transportation of gas under Interruptible Transportation, the matters that are to be considered include:
  - a) The amount of the interruptible transportation for which customer is willing to contract,
  - b) The anticipated load factor for the interruptible transportation quantities,
  - c) Interruptible or curtailment provisions, and
  - d) Competition.
3. In each contract year, the customer shall pay for a Minimum Interruptible Transportation Activity level as specified in the Contract. Overrun activity will not contribute to the minimum activity level.
4. Transportation fuel ratios do not apply to customers served from dedicated facilities directly connected to third party transmission systems with custody transfer metering at the interconnect.
5. Either Union or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates and other charges different from the rates and other charges specified herein if the changed rates and other charges are considered by either party to be necessary, desirable and in the public interest.
6. The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**SUPPLEMENTAL CHARGES:**

Rates for supplemental services are provided in Schedule "A".

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year.

**OVERRUN SERVICE:**

**1. Annual Storage Space**

Authorized

Authorized Overrun is provided as Storage/Balancing Service. It is payable on all quantities on any Day in excess of the customer's contracted Maximum Storage Space. Overrun will be authorized by Union at its sole discretion. Storage Space Overrun equal to the customer's firm deliveries from TCPL: less the customer's Firm Daily Contract Demand, all multiplied by the Days of Interruption called during the period of November 1 to March 31, will be automatically authorized until the following July 1.

Unauthorized

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space, and which has not been authorized by Union or provided for under a short term supplemental storage service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate will be \$6.000 per GJ applied to the greatest excess for each occurrence.

If on any Day the gas storage balance for the account of the customer is less than zero, the Unauthorized Overrun charge will apply for each GJ of gas below a zero inventory level and this amount of gas shall be deemed not to have been withdrawn from storage. The gas shall be deemed to have been sold to the customer at the highest spot price at Dawn in the month of occurrence and the month following occurrence as identified in the Canadian Gas Price Reporter and shall not be less than Union's approved weighted average cost of gas. If the customer has contracted to provide its own deliverability inventory, the zero inventory level shall be deemed to mean twenty percent (20%) of the Annual Firm Storage Space.

**2. Injection, Withdrawals and Transportation**

Authorized

The following Overrun rates are applied to any quantities transported, injected or withdrawn in excess of 103% of the Contract parameters. Overrun will be authorized by Union at its sole discretion.

Automatic authorization of Injection Overrun will be given during all Days a customer has been interrupted.

	<u>Firm or Interruptible Service</u>		
	<u>Union Providing Compressor Fuel Commodity Charge</u>	<u>For Customers Providing Their Own Compressor Fuel Fuel Ratio</u>	<u>Commodity Charge</u>
Storage Injections	\$0.099/GJ	0.931%	\$0.067/GJ
Storage Withdrawals	\$0.099/GJ	0.931%	\$0.067/GJ
Transportation	1.6011 ¢/m <sup>3</sup>	0.351%	1.5535 ¢/m <sup>3</sup>
<u>Carbon Charges</u>			
Federal Carbon Charge (if applicable)	7.8300 ¢/m <sup>3</sup>		7.8300 ¢/m <sup>3</sup>
Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127 ¢/m <sup>3</sup>		0.0127 ¢/m <sup>3</sup>

Unauthorized

For all quantities on any Day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged the identified unauthorized overrun charge, as appropriate.

Unauthorized Overrun Storage Injections and Withdrawals Charge	\$1.735	per GJ
Unauthorized Overrun Transportation Charge	6.8235	¢ per m <sup>3</sup>
Carbon Charges		
Federal Carbon Charge (if applicable)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Transportation Charge)	0.0127	¢ per m <sup>3</sup>

Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 235.9200 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

**3. Storage / Balancing Service**

Authorized

The following Overrun rates are applied to any quantities stored in excess of the Contract parameters. Overrun will be authorized by Union Gas at its sole discretion.

	Firm Service
	<u>Rate/GJ</u>
Space	\$6.000
Injection / Withdrawal Maximum	\$6.000

**OTHER SERVICES & CHARGES:**

**1. Monthly Charge**

In addition to the rates and charges described previously for each Point of Consumption, a Monthly Charge shall be applied as follows:

Monthly Charge	\$2,075.16
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**2. Diversion of Gas**

The availability of the right to divert gas will be based on Union's ability to accommodate the diversion. The price to be charged for the right to divert shall be determined through negotiation.

**3. Delivery Obligations**

Unless otherwise authorized by Union, all other customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

#### 4. Additional Service Information

Additional information on Union's T1 service offering can be found at:  
[www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features](http://www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features)

The additional information consists of, but is not limited to, the following:

- i. Storage space and deliverability entitlement;
- ii. The determination of gas supply receipt points and delivery obligations;
- iii. The nomination schedule;
- iv. The management of multiple redelivery points by a common fuel manager; and
- v. The availability of supplemental transactional services including title transfers.

#### 5. Parkway Delivery Commitment Incentive ("PDCI")

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.

Rate/GJ

PDCI

\$(0.152)

#### (D) Delayed Payment

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
STORAGE AND TRANSPORTATION RATES FOR CONTRACT CARRIAGE CUSTOMERS

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer:

- a) who has a daily firm contracted demand of at least 140 870 m<sup>3</sup>. Firm and/or interruptible daily contracted demand of less than 140,870 m<sup>3</sup> cannot be combined for the purposes of qualifying for this rate class; and
- b) who enters into a Carriage Service Contract with Union for the transportation or the storage and transportation of Gas for use at facilities located within Union's gas franchise area; and
- c) who has meters with electronic recording at each Point of Consumption; and
- d) who has site specific energy measuring equipment that will be used in determining energy balances; and
- e) for whom Union has determined transportation and/or storage capacity is available.

For the purposes of qualifying for a rate class, the total quantities of gas consumed or expected to be consumed on the customer's contiguous property will be used, irrespective of the number of meters installed.

**(C) Rates**

The following rates shall be charged for all quantities contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE:**

	Demand Charge <u>Rate/GJ/mo</u>	Commodity Charge <u>Rate/GJ</u>	<u>For Customers Providing Their Own Compressor Fuel</u>	
			<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
a) Annual Firm Storage Space Applied to contracted Maximum Annual Storage Space	\$0.012			
b) Annual Firm Injection/Withdrawal Right: Applied to the contracted Maximum Annual Firm Injection/Withdrawal Right Union provides deliverability Inventory	\$1.684			
Customer provides deliverability Inventory (4)	\$1.415			
c) Incremental Firm Injection Right: Applied to the contracted Maximum Incremental Firm Injection Right	\$1.415			
d) Annual Interruptible Withdrawal Right: Applied to the contracted Maximum Annual Interruptible Withdrawal Right	\$1.415			



	Demand Charge Rate/GJ/mo	Commodity Charge Rate/GJ	Fuel Ratio	For Customers Providing Their Own Compressor Fuel Commodity Charge Rate/GJ
e) Withdrawal Commodity Paid on all quantities withdrawn from storage up to the Maximum Daily Storage Withdrawal Quantity		\$0.027	0.430%	\$0.012
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.027	0.430%	\$0.012
g) Short Term Storage / Balancing Service Maximum		\$6.000		
h) Daily Variance Account Interruptible Injections/Withdrawals Paid on all quantities withdrawn from and injected into the Daily Variance Account up to the Maximum Injection/Withdrawal Quantity		\$0.099	0.931%	\$0.067

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Annual Firm Injection Rights are equal to 100% of their respective Annual Firm Withdrawal Rights. Injection Rights in excess of the Annual Firm Injection Rights will be charged at the Incremental Firm Injection Right.
3. Annual Firm Storage Space

The maximum storage space available to a customer at the rates specified herein is determined by one of the following storage allocation methodologies:

3.1 Aggregate Excess

Aggregate excess is the difference between the customer's total 151-day winter consumption (November 1 through March 31) and the customer's average daily consumption (Daily Contract Quantity) for the contract year multiplied by 151 days of winter. This calculation will be done using two years of historical data (with 25% weighting for each year) and one year of forecast data (with 50% weighting). If a customer is new, or an existing customer is undergoing a significant change in operations, the allocation will be based on forecast consumption only, as negotiated between Union and the customer. Once sufficient historical information is available for the customer, the standard calculation will be done. At each contract renewal, the aggregate excess calculation will be performed to set the new space allocation.

3.2 Obligated daily contract quantity multiple of 15

Obligated daily contract quantity is the firm daily quantity of gas which the customer must deliver to Union. The 15 x obligated daily contract quantity calculation will be done using the daily contract quantity for the upcoming contract year. At each contract renewal, the 15 x obligated daily contract quantity calculation will be performed to set the new space allocation.

3.3 For new, large (daily firm transportation demand requirements in excess of 1,200,000 m<sup>3</sup>/day) gas fired power generation customers, storage space is determined by peak hourly consumption x 24 x 4 days. Should the customer elect firm deliverability less than their maximum entitlement (see Note 4.2), the maximum storage space available at the rates specified herein is 10 x firm storage deliverability contracted, not to exceed peak hourly consumption x 24 x 4 days.

3.4 Contract Demand multiple of 10

For customers with non-obligated supply and who are not eligible for Section 3.3 above, the maximum storage space is determined as 9 x firm daily Contract Demand and the Daily Variance Account maximum storage space is determined as 1 x firm daily Contract Demand.

Customers may contract for less than their maximum entitlement of firm storage space.

4. Annual Injection/Withdrawal Right

The maximum level of deliverability available to a customer at the rates specified herein is determined by one of the following methodologies:

4.1 The greater of obligated daily contract quantity or firm daily contract demand less obligated daily contract quantity.

4.2 For new, large (daily firm transportation demand requirements in excess of 1,200,000 m<sup>3</sup>/day) gas fired power generation customers, the maximum entitlement of firm storage deliverability is 24 times the customer's peak hourly consumption, with 1.2% firm deliverability available at the rates specified herein.

4.3 For customers with non-obligated supply and are not eligible for Section 4.2 above, the firm storage deliverability is determined as 1.2% of firm storage space, excluding the firm storage space associated with the Daily Variance Account. For the Daily Variance Account, the storage deliverability is available on an interruptible basis up to the customer's firm contracted demand.

Customers may contract for less than their maximum entitlement of deliverability. A customer may contract up to this maximum entitlement with a combination of firm and interruptible deliverability as specified in Section (C) Storage Service.

5. Additional storage space or deliverability, in excess of the allocated entitlements per Notes 3 and 4, may be available at market prices.
6. Storage Space and Withdrawal Rights are not assignable to any other party without the prior written consent of Union.
7. Deliverability Inventory being defined as 20% of annual storage space.
8. Short Term Storage / Balancing Service is:
  - i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, or
  - ii) short-term firm deliverability, or
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.

**TRANSPORTATION CHARGES:**

	Demand Charge	Union Providing	For Customers Providing	
		Compressor Fuel	Their Own Compressor Fuel	
		Commodity	Fuel	Commodity
		Charge	Ratio (5)	Charge
	Rate/m <sup>3</sup> /mo	Rate/m <sup>3</sup>		Rate/m <sup>3</sup>
a) Annual Firm Transportation Demand				
Applied to the Firm Daily Contract Demand				
First 140,870 m <sup>3</sup> per month	32.7085 ¢			
All over 140,870 m <sup>3</sup> per month	18.2383 ¢			
b) Firm Transportation Commodity				
Paid on all firm quantities redelivered to the customer's Point(s) of Consumption				
Commodity Charge (All volumes)		0.0627 ¢	0.300%	0.0220 ¢
c) Interruptible Transportation Commodity				
Paid on all interruptible quantities redelivered to the customer's Point(s) of Consumption				
Maximum		6.2706 ¢	0.300%	6.2299 ¢
d) Carbon Charges				
Federal Carbon Charge (if applicable) (8)		7.8300 ¢		7.8300 ¢
Facility Carbon Charge (in addition to Transportation Commodity Charge(s))		0.0127 ¢		0.0127 ¢

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, at its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Effective January 1, 2007, new customers and existing customers with incremental daily firm demand requirements in excess of 1,200,000 m<sup>3</sup>/day and who are directly connected to i) the Dawn-Trafalgar transmission system in close proximity to Parkway or ii) a third party pipeline, have the option to pay for service using a Billing Contract Demand. The Billing Contract Demand shall be determined by Union such that the annual revenues over the term of the contract will recover the invested capital, return on capital and operating and maintenance costs associated with the dedicated service in accordance with Union's system expansion policy. The firm transportation demand charge will be applied to the Billing Contract Demand. For customers choosing the Billing Contract Demand option, the authorized transportation overrun rate will apply to all volumes in excess of the Billing Contract Demand but less than the daily firm demand requirement.
3. In negotiating the rate to be charged for the transportation of gas under Interruptible Transportation, the matters that are to be considered include:
  - a) The amount of the interruptible transportation for which customer is willing to contract,
  - b) The anticipated load factor for the interruptible transportation quantities,
  - c) Interruptible or curtailment provisions, and
  - d) Competition.
4. In each contract year, the customer shall pay for a Minimum Interruptible Transportation Activity level as specified in the Contract. Overrun activity will not contribute to the minimum activity level.
5. Transportation fuel ratios do not apply to customers served from dedicated facilities directly connected to third party transmission systems with custody transfer metering at the interconnect.
6. Firm transportation fuel ratio does not apply to new customers or existing customers with incremental daily firm demand requirements in excess of 1,200,000 m<sup>3</sup>/day that contract for M12 Dawn to Parkway transportation service equivalent to 100% of their daily firm demand requirement. If a customer with a daily firm demand requirement in excess of 1,200,000 m<sup>3</sup>/day contracts for M12 Dawn to Parkway transportation service at less than 100% of their firm daily demand requirement, the firm transportation fuel ratio will be applicable to daily volumes not transported under the M12 transportation contract.
7. Either Union or a customer, or potential customer, may apply to the Ontario Energy Board to fix rates and other charges different from the rates and other charges specified herein if the changed rates and other charges are considered by either party to be necessary, desirable and in the public interest.
8. The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**SUPPLEMENTAL CHARGES:**

Rates for supplemental services are provided in Schedule "A".

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year.

**OVERRUN SERVICE:**

**1. Annual Storage Space**

Authorized

Authorized Overrun is provided as Storage/Balancing Service. It is payable on all quantities on any Day in excess of the customer's contracted Maximum Storage Space. Overrun will be authorized by Union at its sole discretion. Storage Space Overrun equal to the customer's firm deliveries from TCPL: less the customer's Firm Daily Contract Demand, all multiplied by the Days of Interruption called during the period of November 1 to March 31, will be automatically authorized until the following July 1. Authorized Overrun is not applicable to the Daily Variance Account.

Unauthorized

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space, and which has not been authorized by Union or provided for under a short term supplemental storage service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate will be \$6.000 per GJ applied to the greatest excess for each occurrence.

If on any Day the gas storage balance for the account of the customer is less than zero, the Unauthorized Overrun charge will apply for each GJ of gas below a zero inventory level and this amount of gas shall be deemed not to have been withdrawn from storage. The gas shall be deemed to have been sold to the customer at the highest spot price at Dawn in the month of occurrence and the month following occurrence as identified in the Canadian Gas Price Reporter and shall not be less than Union's approved weighted average cost of gas. If the customer has contracted to provide its own deliverability inventory, the zero inventory level shall be deemed to mean twenty percent (20%) of the Annual Firm Storage Space.

**2. Injection, Withdrawals and Transportation**

Authorized

The following Overrun rates are applied to any quantities transported, injected or withdrawn in excess of 103% of the Contract parameters. Overrun will be authorized by Union at its sole discretion. The Authorized Overrun rates are not applicable to the Daily Variance Account.

Automatic authorization of Injection Overrun will be given during all Days a customer has been interrupted.

	Union Providing	For Customers Providing	
	Compressor Fuel	Their Own Compressor Fuel	
	Commodity	Fuel	Commodity
	Charge	Ratio	Charge
Storage Injections	\$0.099/GJ	0.931%	\$0.067/GJ
Storage Withdrawals	\$0.099/GJ	0.931%	\$0.067/GJ
Transportation	1.1380 ¢/m <sup>3</sup>	0.300%	1.0973 ¢/m <sup>3</sup>
<u>Carbon Charges</u>			
Federal Carbon Charge (if applicable)	7.8300 ¢/m <sup>3</sup>		7.8300 ¢/m <sup>3</sup>
Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127 ¢/m <sup>3</sup>		0.0127 ¢/m <sup>3</sup>

Unauthorized

For all quantities on any Day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged the identified unauthorized overrun charge, as appropriate. For the Daily Variance Account, this unauthorized storage overrun rate will be charged on all quantities in excess of the Daily Variance Account maximum injection/withdrawal quantity.

Unauthorized Overrun Storage Injections and Withdrawals Charge	\$1.735	per GJ
Unauthorized Overrun Transportation Charge	6.8235	¢ per m <sup>3</sup>
<u>Carbon Charges</u>		
Federal Carbon Charge (if applicable)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Transportation Charge)	0.0127	¢ per m <sup>3</sup>

Unauthorized Overrun Non-Compliance Rate:

Unauthorized overrun gas taken any month during a period when a notice of interruption is in effect shall be paid for at the rate of 235.9200 ¢ per m<sup>3</sup> (\$60 per GJ) for the delivery.

### 3. Storage / Balancing Service

#### Authorized

The following Overrun rates are applied to any quantities stored in excess of the Contract parameters. Overrun will be authorized by Union Gas at its sole discretion.

	Firm Service Rate/GJ
Space	\$6.000
Injection / Withdrawal Maximum	\$6.000

#### **OTHER SERVICES & CHARGES:**

##### 1. Monthly Charge

In addition to the rates and charges described previously for each Point of Consumption, a Monthly Charge shall be applied as follows:

Monthly Charge	\$6,501.02
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##### 2. Diversion of Gas

The availability of the right to divert gas will be based on Union's ability to accommodate the diversion. The price to be charged for the right to divert shall be determined through negotiation.

##### 3. Delivery Obligations

The delivery options available to customers are detailed at:  
[www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features](http://www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features)

Unless otherwise authorized by Union, all other customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

##### 4. Nominations

Effective January 1, 2007, new customers and existing customers with incremental daily firm demand requirements in excess of 1,200,000 m<sup>3</sup>/day who have non obligated deliveries may contract to use Union's 5 additional nomination windows (13 in total) for the purposes of delivering gas to Union. These windows are in addition to the standard NAESB and TCPL STS nomination windows. Customers taking the additional nomination window service will pay an additional monthly demand charge of \$0.074/GJ/day/month multiplied by the non-obligated daily contract quantity.

**5. Additional Service Information**

Additional information on Union's T2 service offering can be found at:  
[www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features](http://www.uniongas.com/business/account-services/unionline/contracts-rates/T1-service-features)

- The additional information consists of, but is not limited to, the following:
- i. Storage space and deliverability entitlement;
  - ii. The determination of gas supply receipt points and delivery obligations;
  - iii. The nomination schedule;
  - iv. The management of multiple redelivery points by a common fuel manager; and
  - v. The availability of supplemental transactional services including title transfers.

**6. Parkway Delivery Commitment Incentive ("PDCI")**

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.	<u>Rate/GJ</u>
PDCI	\$(0.152)

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

ENBRIDGE GAS INC.  
UNION SOUTH  
STORAGE AND TRANSPORTATION RATES FOR CONTRACT CARRIAGE CUSTOMERS

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a Distributor:

- a) whose minimum annual transportation of natural gas is 700 000 m<sup>3</sup> or greater; and
- b) who enters into a Carriage Service Contract with Union for the transportation or the storage and transportation of Gas for distribution to its customers; and
- c) who has meters with electronic recording at each Point of Redelivery; and
- d) for whom Union has determined transportation and/or storage capacity is available.
- e) who commenced and continued service under Rate T3 prior to January 1, 2019.

**(C) Rates**

The following rates shall be charged for all quantities contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE:**

	Demand Charge Rate/GJ/mo	Commodity Charge Rate/GJ	For Customers Providing Their Own Compressor Fuel	
			Fuel Ratio	Commodity Charge Rate/GJ
a) Annual Firm Storage Space Applied to contracted Maximum Annual Storage Space	\$0.012			
b) Annual Firm Injection/Withdrawal Right: Applied to the contracted Maximum Annual Firm Injection/Withdrawal Right Union provides deliverability Inventory	\$1.684			
Customer provides deliverability Inventory (4)	\$1.415			
c) Incremental Firm Injection Right: Applied to the contracted Maximum Incremental Firm Injection Right	\$1.415			
d) Annual Interruptible Withdrawal Right: Applied to the contracted Maximum Annual Interruptible Withdrawal Right	\$1.415			
e) Withdrawal Commodity Paid on all quantities withdrawn from storage up to the Maximum Daily Storage Withdrawal Quantity		\$0.027	0.430%	\$0.012
f) Injection Commodity Paid on all quantities injected into storage up to the Maximum Daily Storage Injection Quantity		\$0.027	0.430%	\$0.012
g) Short Term Storage / Balancing Service Maximum		\$6.000		

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. Annual Firm Injection Rights are equal to 100% of their respective Annual Firm Withdrawal Rights. Injection Rights in excess of the Annual Firm Injection Rights will be charged at the Incremental Firm Injection Right.
3. Annual Firm Storage Space

The maximum storage space available to a customer at the rates specified herein is determined by one of the following storage allocation methodologies:

3.1 Aggregate Excess

Aggregate excess is the difference between the customer's total 151-day winter consumption (November 1 through March 31) and the customer's average daily consumption (Daily Contract Quantity) for the contract year multiplied by 151 days of winter. This calculation will be done using two years of historical data (with 25% weighting for each year) and one year of forecast data (with 50% weighting). If a customer is new, or an existing customer is undergoing a significant change in operations, the allocation will be based on forecast consumption only, as negotiated between Union and the customer. Once sufficient historical information is available for the customer, the standard calculation will be done. At each contract renewal, the aggregate excess calculation will be performed to set the new space allocation.

3.2 Obligated daily contract quantity multiple of 15

Obligated daily contract quantity is the firm daily quantity of gas which the customer must deliver to Union. The 15 x obligated daily contract quantity calculation will be done using the daily contract quantity for the upcoming contract year. At each contract renewal, the 15 x obligated daily contract quantity calculation will be performed to set the new space allocation.

Customers may contract for less than their maximum entitlement of firm storage space.

4. Annual Injection/Withdrawal Right

The maximum level of deliverability available to a customer at the rates specified herein is determined to be the greater of obligated daily contract quantity or firm daily contract demand less obligated daily contract quantity.

Customers may contract for less than their maximum entitlement of deliverability. A customer may contract up to this maximum entitlement with a combination of firm and interruptible deliverability as specified in Section (C) Storage Service.

5. Additional storage space or deliverability, in excess of the allocated entitlements per Notes 3 and 4, may be available at market prices.
6. Storage Space and Withdrawal Rights are not assignable to any other party without the prior written consent of Union.
7. Deliverability Inventory being defined as 20% of annual storage space.
8. Short Term Storage / Balancing Service is:
  - i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
  - ii) short-term firm deliverability, OR
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for this service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities, and
- iv) Competition.



**TRANSPORTATION CHARGES:**

	Demand Charge	Union Providing Compressor Fuel Commodity Charge	For Customers Providing Their Own Compressor Fuel	
	<u>Rate/m<sup>3</sup>/mo</u>	<u>Rate/m<sup>3</sup></u>	Fuel Ratio	Commodity Charge
a) Annual Firm Transportation Demand Applied to the Firm Daily Contract Demand	19.8760 ¢			
b) Firm Transportation Commodity Paid on all firm quantities redelivered to the Customer's Point(s) of Redelivery		0.1167 ¢	0.411%	0.0610 ¢
c) Carbon Charges				
Federal Carbon Charge (if applicable) (2)		7.8300 ¢		7.8300 ¢
Facility Carbon Charge (in addition to Transportation Commodity Charge)		0.0127 ¢		0.0127 ¢

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year. Demand charges apply whether Union or the customer provides the fuel.
2. The Federal Carbon Charge for on-reserve First Nations customers are interim, per the Board's Decision and Order in EB-2019-0247.

**SUPPLEMENTAL CHARGES**

Rates for supplemental services are provided in Schedule "A".

Notes:

1. All demand charges are paid monthly during the term of the contract for not less than one year unless Union, in its sole discretion, accepts a term of less than one year.

**OVERRUN SERVICE**

**1. Annual Storage Space**

Authorized

Authorized Overrun is provided as Storage/Balancing Service. It is payable on all quantities on any Day in excess of the customer's contracted Maximum Storage Space. Overrun will be authorized by Union at its sole discretion.

Unauthorized

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space, and which has not been authorized by Union or provided for under a short term supplemental storage service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate will be \$6.000 per GJ applied to the greatest excess for each occurrence.

If on any Day, the gas storage balance for the account of the customer is less than zero, the Unauthorized Overrun charge will apply for each GJ of gas below a zero inventory level and this amount of gas shall be deemed not to have been withdrawn from storage. The gas shall be deemed to have been sold to the customer at the highest spot price at Dawn in the month of occurrence and the month following occurrence as identified in the Canadian Gas Price Reporter and shall not be less than Union's approved weighted average cost of gas. If the customer has contracted to provide its own deliverability inventory, the zero inventory level shall be deemed to mean twenty percent (20%) of the Annual Firm Storage Space.

**2. Injection, Withdrawals and Transportation**

Authorized

The following Overrun rates are applied to any quantities transported, injected or withdrawn in excess of 103% of the Contract parameters. Overrun will be authorized by Union at its sole discretion.

	<u>Union Providing Compressor Fuel Commodity Charge</u>	<u>For Customers Providing Their Own Compressor Fuel Fuel Ratio</u>	<u>Commodity Charge</u>
Storage Injections	\$0.099/GJ	0.931%	\$0.067/GJ
Storage Withdrawals	\$0.099/GJ	0.931%	\$0.067/GJ
Transportation	0.7702 ¢/m <sup>3</sup>	0.411%	0.7145 ¢/m <sup>3</sup>
<u>Carbon Charges</u>			
Federal Carbon Charge (if applicable)	7.8300 ¢/m <sup>3</sup>		7.8300 ¢/m <sup>3</sup>
Facility Carbon Charge (in addition to Transportation Commodity Charge)	0.0127 ¢/m <sup>3</sup>		0.0127 ¢/m <sup>3</sup>

Unauthorized

For all quantities on any Day in excess of 103% of the customer's contractual rights, for which authorization has not been received, the customer will be charged the identified unauthorized overrun charge, as appropriate.

Unauthorized Overrun Storage Injections and Withdrawals Charge	\$9.156	per GJ
Unauthorized Overrun Transportation Charge	36.0000	¢ per m <sup>3</sup>
<u>Carbon Charges</u>		
Federal Carbon Charge (if applicable)	7.8300	¢ per m <sup>3</sup>
Facility Carbon Charge (in addition to Overrun Transportation Charge)	0.0127	¢ per m <sup>3</sup>

**3. Short Term Storage Services**

Authorized

The following Overrun rates are applied to any quantities stored in excess of the Contract parameters. Overrun will be authorized by Union Gas at its sole discretion.

	<u>Firm Service Rate/GJ</u>
Space	\$6.000
Injection / Withdrawal Maximum	\$6.000

**OTHER SERVICES & CHARGES**

**1. Monthly Charge**

In addition to the rates and charges described previously for each Point of redelivery a Monthly Charge shall be applied to each specific customer as follows:

	<u>Monthly Charge</u>
City of Kitchener	\$ 21,833.55
EPCOR Natural Gas (Aylmer)	\$ 3,351.67
Six Nations	\$ 1,117.22

If a customer combines Sales Service with Contract Carriage Service, the monthly charge will be prorated such that the customer will under both services pay no more than the above monthly charge.

**2. Diversion of Gas**

The availability of the right to divert gas will be based on Union's ability to accommodate the diversion. The price to be charged for the right to divert shall be determined through negotiation.

3. Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must obligate to deliver at a point(s) specified by Union and must acquire and maintain firm transportation on all upstream pipeline systems. Customers initiating direct purchase arrangements must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**4. Parkway Delivery Commitment Incentive ("PDCI")**

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.	<u>Rate/GJ</u>
PDCI	\$(0.152)

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

Effective  
2022-01-01  
Schedule "A"

ENBRIDGE GAS INC.  
UNION SOUTH  
GAS SUPPLY CHARGES

**(A) Availability:**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability:**

To all sales customers served under Rate M1, Rate M2, Rate M4, Rate M5A, Rate M7, Rate M9, Rate M10 and storage and transportation customers taking supplemental services under Rate T1, Rate T2 and Rate T3.

**(C) Rates:**

cents / m<sup>3</sup>

Utility Sales

Commodity and Fuel	13.4803 (1)
Commodity and Fuel - Price Adjustment	0.2312 (2)
Transportation	-
Total Gas Supply Commodity Charge	<u>13.7115</u>

Voluntary RNG Program (if applicable) (3)

Monthly Charge - Rate M1 and Rate M2	\$ 2.00
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Minimum Annual Gas Supply Commodity Charge

Rate M4 Firm and Rate M5A Interruptible Contract	0.2012
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Storage and Transportation Supplemental Services - Rate T1, Rate T2 & Rate T3

\$/GJ

Monthly demand charges:

Firm gas supply service	42.227
Firm backstop gas	1.549

Commodity charges:

Gas supply	3.449
Backstop gas	3.938

Reasonable Efforts Backstop Gas	5.167
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Supplemental Inventory	Note (4)
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Supplemental Gas Sales Service (cents / m <sup>3</sup> )	16.8039
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Failure to Deliver: Applied to quantities not delivered to Union in the event the customer's supply fails	3.054
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Discretionary Gas Supply Service (DGSS)	Note (5)
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Notes:

- (1) The Commodity and Fuel rate includes a gas supply administration charge of 0.2012 cents/m<sup>3</sup>.
- (2) Prospective recovery of gas supply deferral accounts.
- (3) The Voluntary RNG Program Charge is a fixed monthly charge applicable to customers who elect to participate in the Company's Voluntary RNG Program to fund the incremental cost of purchasing renewable natural gas as part of system supply. The charge will be applicable for a minimum term of one billing month, renewing automatically monthly until terminated by the customer or until the Company terminates the Voluntary RNG Program, whichever occurs earlier. The fixed monthly charge will apply to applicable customers whether or not they consume natural gas within the billing period.
- (4) The charge for banked gas purchases shall be the higher of the daily spot gas cost at Dawn in the month of or the month following the month in which gas is sold under this rate and shall not be less than Union's approved weighted average cost of gas.
- (5) Reflects the "back to back" price plus a gas supply administration charge.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
STORAGE RATES FOR UNBUNDLED CUSTOMERS

**(A) Availability**

Available to customers in Union's Southern Delivery Zone.

**(B) Applicability**

To a customer, or an agent, who is authorized to service residential and non-contract commercial and industrial end-users paying for the Monthly Fixed Charge and Delivery charge under Rate M1 or Rate M2:

- a) who enters into an Unbundled Service Contract with Union for the storage of Gas for use at facilities located within Union's gas franchise area;
- b) who contracts for Standard Peaking Service (SPS) with Union unless the customer can demonstrate that it has a replacement to the deliverability available in the SPS physically tied into Union's system and an OEB approved rate to provide the SPS replacement service;
- c) who accepts daily estimates of consumption at Points of Consumption as prepared by Union so that they may nominate an equivalent amount from storage, upstream transportation, or Ontario Producers authorized to sell to third parties;
- d) who nominates injections and withdrawals from storage and deliveries on upstream pipeline systems daily or Ontario Producers authorized to sell to third parties;
- e) for whom Union has determined storage capacity is available; and
- f) who accepts a monthly bill as prepared by Union.

**(C) Rates**

The following rates shall be charged for all volumes contracted or handled as appropriate. The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**STORAGE SERVICE**

	<u>Demand Charge Rate/GJ/mo</u>	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
i) Standard Storage Service (SSS)			
a) Combined Storage Space & Deliverability Applied to contracted Maximum Storage Space	\$0.027		
b) Injection Commodity		0.430%	\$0.030
c) Withdrawal Commodity		0.430%	\$0.030
ii) Standard Peaking Service (SPS)			
a) Combined Storage Space & Deliverability Applied to contracted Maximum Storage Space	\$0.138		
b) Injection Commodity		0.430%	\$0.030
c) Withdrawal Commodity		0.931%	\$0.030
iii) Supplemental Service			
a) Incremental Firm Injection Right: (5) Applied to the contracted Maximum Incremental Firm Injection Right	\$1.259		

	<u>Demand Charge Rate/GJ/mo</u>	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
b) Incremental Firm Withdrawal Right: (5) Applied to the contracted Maximum Incremental Firm Withdrawal Right	\$1.259		
c) Short Term Storage / Balancing Service - Maximum			\$6.000

Notes:

1. Demand charges for Annual Services are paid monthly during the term of the Contract, which shall not be less than one year, unless Union, in its sole discretion, accepts a term of less than one year.
2. Daily Firm Injection and Withdrawal Rights shall be pursuant to the Storage Contract.
3. Storage Space, Withdrawal Rights, and Injection Rights are not assignable to any other party without the prior written consent of Union and where necessary, approval from the Ontario Energy Board.
4. Short Term Storage / Balancing service (less than 2 years) is:
  - i) a combined space and interruptible deliverability service for short-term or off-peak storage in Union's storage facilities, OR
  - ii) short-term incremental firm deliverability, OR
  - iii) a component of an operational balancing service offered.

In negotiating the rate to be charged for service, the matters that are to be considered include:

- i) The minimum amount of storage service to which a customer is willing to commit,
- ii) Whether the customer is contracting for firm or interruptible service during Union's peak or non-peak periods,
- iii) Utilization of facilities,
- iv) Competition, and
- v) Term.

5. Union's ability to offer incremental injection and withdrawal rights is subject to annual asset availability.

**OVERRUN SERVICE**

**1. Injection and Withdrawal**

Authorized	<u>Fuel Ratio</u>	<u>Commodity Charge Rate/GJ</u>
Injection	0.931%	\$0.071
Withdrawal	0.931%	\$0.071
Unauthorized		

If in any month, the customer has gas in storage in excess of the contracted Maximum Storage Space or the gas storage balance for the account of the customer is less than zero or the customer has injected or withdrawn volumes from storage which exceeds their contractual rights, and which has not been authorized by Union or provided for under a short term storage/balancing service, such an event will constitute an occurrence of Unauthorized Overrun. The Unauthorized Overrun rate during the November 1 to April 15 period will be \$60.00 per GJ. The Unauthorized Overrun rate during the April 16 to October 31 period will be \$6.000 per GJ.

**OTHER SERVICES & CHARGES**

1. Unless otherwise authorized by Union, customers who are delivering gas to Union under direct purchase arrangements must commit to provide a call at Parkway, throughout the winter period, for a specified number of days. Customers initiating direct purchase arrangements, who previously received Gas Supply service, must also accept, unless otherwise authorized by Union, an assignment from Union of transportation capacity on upstream pipeline systems.

**2. Parkway Delivery Commitment Incentive ("PDCI")**

For all Parkway Delivery Obligation ("PDO") volumes delivered to Union.

Rate/GJ

PDCI

\$(0.152)

**(D) Delayed Payment**

The monthly late payment charge equal to 1.5% per month or 18% per annum (for an approximate effective rate of 19.56% per annum) multiplied by the total of all unpaid charges will be added to the bill if full payment is not received by the late payment effective date, which is 20 days after the bill has been issued.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

ENBRIDGE GAS INC.  
UNION SOUTH  
TRANSPORTATION RATES

**(A) Applicability**

The charges under this schedule shall be applicable to a Shipper who enters into a Transportation Service Contract with Union.

Applicable Points

Dawn as a receipt point: Dawn (TCPL), Dawn (Facilities), Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE).  
Dawn as a delivery point: Dawn (Facilities).

**(B) Services**

Transportation Service under this rate schedule shall be for transportation on Union's Dawn - Parkway facilities.

**(C) Rates**

The identified rates represent maximum prices for service. These rates may change periodically.  
Multi-year prices may also be negotiated, which may be higher than the identified rates.

	Monthly Demand Charges (applied to daily contract demand) <u>Rate/GJ</u>	<u>Fuel and Commodity Charges</u>			
		<u>Union Supplied Fuel Fuel and Commodity Charge Rate/GJ</u>	<u>Shipper Supplied Fuel</u>		
			<u>Fuel Ratio %</u>	<u>AND</u>	<u>Commodity Charge Rate/GJ</u>
<b><u>Firm Transportation (1), (5)</u></b>					
Dawn to Parkway	\$3.689	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".		
Dawn to Kirkwall	\$3.130				
Kirkwall to Parkway	\$0.559				
<b><u>M12-X Firm Transportation</u></b>					
Between Dawn, Kirkwall and Parkway	\$4.560	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".		
<b><u>Limited Firm/Interruptible Transportation (1)</u></b>					
Dawn to Parkway – Maximum	\$8.854	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".		
Dawn to Kirkwall – Maximum	\$8.854				
Parkway (TCPL / EGT) to Parkway (Cons) / Lisgar (2)	n/a	n/a	0.167%		
<b><u>Carbon Charge (applied to all quantities transported)</u></b>					
Facility Carbon Charge		\$0.003	\$0.003		



**(C) Rates (Cont'd)**

**Authorized Overrun (3)**

Authorized overrun rates will be payable on all quantities in excess of Union's obligation on any day. The overrun charges payable will be calculated at the following rates. Overrun will be authorized at Union's sole discretion.

Fuel and Commodity Charges

	Union Supplied Fuel	Shipper Supplied Fuel	
	Fuel and Commodity Charge Rate/GJ	Fuel Ratio %	AND Commodity Charge Rate/GJ
<b><u>Transportation Overrun</u></b>			
Dawn to Parkway	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".	\$0.121
Dawn to Kirkwall			\$0.103
Kirkwall to Parkway			\$0.018
Parkway (TCPL) Overrun (4)	n/a	0.758%	n/a
<b><u>M12-X Firm Transportation</u></b>			
Between Dawn, Kirkwall and Parkway	Monthly fuel and commodity rates shall be in accordance with schedule "C".	Monthly fuel ratios shall be in accordance with schedule "C".	\$0.150
<b><u>Carbon Charge (applied to all quantities transported)</u></b>			
Facility Carbon Charge	\$0.003		\$0.003

Unauthorized Overrun

Authorized Overrun rates will be payable on all quantities up to 2% in excess of Union's contractual obligation.

The Unauthorized Overrun shall be the higher of the reported daily spot price of gas at either Dawn, Parkway, Niagara or Iroquois in the month of or the month following the month in which the overrun occurred plus 25% for all usage on any day in excess of 102% of Union's contractual obligation.

Nomination Variances

Where Union and the shipper have entered into a Limited Balancing Agreement ("LBA"), the rate for unauthorized parking or drafting which results from nomination variances shall equal the "Balancing Fee" rate as described under Article XXII of TransCanada PipeLines Transportation Tariff.

Notes for Section (C) Rates:

- (1) The annual transportation commodity charge is calculated by application of the YCRR Formula, as per Section (D). The annual transportation fuel required is calculated by application of the YCR Formula, as per Section (D).
- (2) This rate is for westerly transportation within the Parkway yard, from Parkway (TCPL) or Parkway (EGT) to Parkway (Cons) or Lisgar.
- (3) For purposes of applying the YCRR Formula or YCR Formula (Section (D)) to transportation overrun quantities, the transportation commodity revenue will be deemed to be equal to the commodity charge of the applicable service as detailed in Section (B).
- (4) This ratio will be applied to all gas quantities for which Union is obligated to deliver to Parkway (Cons) or Lisgar and has agreed to deliver to Parkway (TCPL) or Parkway (EGT) on an interruptible basis. This will be in addition to any rate or ratio paid for transportation easterly to Parkway (Cons) or Lisgar.
- (5) A demand charge of \$0.074/GJ/day/month will be applicable for customers contracting for firm all day transportation service in addition to the demand charges appearing on this schedule for firm transportation service to either Kirkwall or Parkway.

**(D) Transportation Commodity**

The annual fuel charge in kind or in dollars for transportation service in any contract year shall be equal to the sum of the application of the following equation applied monthly for the 12 months April through March (The "YCRR" or "YCR" Formula). An appropriate adjustment in the fuel charges will be made in May for the previous 12 months ending March 31st to obtain the annual fuel charges as calculated using the applicable "YCRR" or "YCR" Formula. At Union's sole discretion Union may make more frequent adjustments than once per year. The YCRR and YCR adjustments must be paid/remitted to/from Shippers at Dawn within one billing cycle after invoicing.

$$YCR = \sum_{1}^{4} [(0.001670 \times (QT1 + QT3)) + (DSFx(QT1 + QT3)) + F_{ST}] \text{ For June 1 to Sept. 30}$$

plus

$$\sum_{5}^{12} [(0.001670 \times (QT1 + QT3)) + (DWFxQT1) + F_{WT}] \text{ For Oct. 1 to May 31}$$

$$YCRR = \sum_{1}^{4} [(0.001670 \times (QT1 + QT3)) + (DSFx(QT1 + QT3)) + F_{ST}] \times R \text{ For June 1 to Sept. 30}$$

plus

$$\sum_{5}^{12} [(0.001670 \times (QT1 + QT3)) + (DWFxQT1) + F_{WT}] \times R \text{ For Oct. 1 to May 31}$$

where: DSF = 0.00000 for Dawn summer fuel requirements  
DWF = 0.0020 for Dawn winter fuel requirements

in which:

YC Yearly Commodity Required

The sum of 12 separate monthly calculations of Commodity Quantities required for the period from April through March.

YCRR Yearly Commodity Revenue Required

The sum of 12 separate monthly calculations of Commodity Revenue required for the period April through March.

QT1 Monthly quantities in GJ transported easterly hereunder received at Dawn at not less than 4 850 kPa but less than 5 860 kPa (compression required at Dawn).

QT3 Monthly quantities in GJ transported westerly hereunder received at the Parkway Delivery Point.

F<sub>WT</sub> The individual Shipper's monthly share of compressor fuel used in GJ which was required at Union's Lobo, Bright, Trafalgar and Parkway Compressor Stations ("Lobo", "Bright", "Trafalgar" and "Parkway") to transport the same Shipper's QT1 monthly quantities easterly.

Lobo, Bright, Trafalgar and Parkway compressor fuel required by each Shipper will be calculated each month.

The monthly Lobo and Bright compressor fuel will be allocated to each Shipper in the same proportion as the Shipper's monthly quantities transported is to the monthly transported quantity for all users including Union.

The monthly Parkway and Trafalgar compressor fuel used will be allocated to each Shipper in the same proportion as the monthly quantity transported to Parkway (TCPL) for each user is to the total monthly quantity transported for all users including Union.

**(D) Transportation Commodity (Cont'd)**

F<sub>ST</sub> The individual Shipper's monthly share of compressor fuel used in GJ which was required at Union's Lobo, Bright, Trafalgar and Parkway compressor stations to transport the same Shipper's quantity on the Trafalgar system.

Lobo, Bright, Trafalgar and Parkway compressor fuel required by each Shipper will be calculated each month.

R Union's weighted average cost of gas in \$/GJ.

**Notes**

(i) In the case of Easterly flow, direct deliveries by TCPL at Parkway to Union or on behalf of Union to Union's Transportation Shippers will be allocated to supply Union's markets on the Dawn-Parkway facilities starting at Parkway and proceeding westerly to successive laterals until exhausted.

**(E) Provision for Compressor Fuel**

For a Shipper that has elected to provide its own compressor fuel.

**Transportation Fuel**

On a daily basis, the Shipper will provide Union at the delivery point and delivery pressure as specified in the contract, a quantity (the "Transportation Fuel Quantity") representing the Shipper's share of compressor fuel and unaccounted for gas for transportation service on Union's system.

The Transportation Fuel Quantity will be determined on a daily basis, as follows:

Transportation Fuel Quantity = Transportation Quantity x Transportation Fuel Ratio.

In the event that the actual quantity of fuel supplied by the Shipper was different from the actual fuel quantity as calculated using the YCR formula, an adjustment will be made in May for the previous 12 months ending March 31<sup>st</sup>.

**Nominations**

The Shipper will be required to nominate its Transportation Fuel Quantity in addition to its normal nominations for transportation services.

**(F) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A" for contracts in effect before October 1, 2010. The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2010" for contracts in effect on or after October 1, 2010.

**(G) Nominations**

Nominations under this rate schedule shall be in accordance with the attached Schedule "B" for contracts in effect before October 1, 2010. Nominations under this rate schedule shall be in accordance with the attached Schedule "B 2010" for contracts in effect on or after October 1, 2010.

**(H) Monthly Fuel Rates and Ratios**

Monthly fuel rates and ratios under this rate schedule shall be in accordance with Schedule "C".

**(I) Receipt and Delivery Points and Pressures**

Receipt and Delivery Points and Pressures under this rate schedule shall be in accordance with Schedule "D 2010" for contracts in effect on or after October 1, 2010.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

**UNION SOUTH - RATE M12  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

1. "Contract" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;
2. "cubic metre" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
3. "day" shall mean a period of twenty-four (24) consecutive hours beginning at 9:00 a.m. Central Standard time. The reference date for any day shall be the calendar date upon which the twenty-four (24) hour period shall commence;
4. "delivery" shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;
5. "firm" shall mean service not subject to curtailment or interruption except under Articles XI and XII of this Schedule "A";
6. "gas" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;
7. "gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;
8. "interruptible service" shall mean service subject to curtailment or interruption, after notice, at any time;
9. "Interconnecting Pipeline" shall mean a pipeline that directly connects to the Union pipeline system;
10. "joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;
11. "limited interruptible service" shall mean gas service subject to interruption or curtailment on a limited number of days as specified in the Contract;
12. "m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;
13. "month" shall mean the period beginning at 9:00 a.m. Central Standard time on the first day of a calendar month and ending at 9:00 a.m. Central Standard time on the first day of the following calendar month;
14. "OEB" means the Ontario Energy Board;
15. "pascal" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" (kPa) shall mean 1,000 pascals;
16. "receipt" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;
17. "Shipper" shall have the meaning as defined in the Contract and shall also include Shipper's agent(s);

18. "TCPL" means TransCanada PipeLines Limited;
19. "cricondenthem hydrocarbon dewpoint" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;
20. "hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;
21. "specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
22. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity;
23. "Union" shall mean Enbridge Gas Inc. operating as Union Gas.

**II. GAS QUALITY**

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to or interference with the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.

## SCHEDULE "A"

3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's M12 Rate Schedule.

### III. MEASUREMENTS

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

### IV. RECEIPT POINT AND DELIVERY POINT

1. Unless otherwise specified in the Contract, the point or points of receipt for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where Union takes possession of the gas.
2. Unless otherwise specified in the Contract, the point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection as specified in the Contract where Shipper takes possession of the gas.

### V. POSSESSION OF AND RESPONSIBILITY FOR GAS

*Intentionally blank*

### VI. FACILITIES ON SHIPPER'S PROPERTY

## SCHEDULE "A"

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Union's Parkway Point of Delivery, or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

## VII. MEASURING EQUIPMENT

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by their regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing redeliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.

## SCHEDULE "A"

6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

### VIII. BILLING

1. Monthly Billing Date: Union shall render bills on or before the 10th day of each month for all services furnished during the preceding month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the 10th day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.

### IX. PAYMENTS

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a business day, then payment must be received in Union's account on the first business day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment.
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend service(s) until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend service(s) because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing paragraph(s), Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such



overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "bill" next following shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within six (6) years from the date of the incorrect billing. In the event any refund is issued with Shipper's gas bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

X. ARBITRATION

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act of the Province of Ontario, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

XI. FORCE MAJEURE

1. The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.

## SCHEDULE "A"

5. An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "Daily Demand Rate" shall mean the Monthly demand charge or equivalent pursuant to the M12 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

## XII. DEFAULT AND TERMINATION

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI hereof) which has not been waived by the other party, then and in every such case and as often as the same may happen, the Non-defaulting party may give written notice to the Defaulting party requiring it to remedy such default and in the event of the Defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the Non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

## XIII. MODIFICATION

Subject to Union's M12 Rate Schedule, Schedule A, Article XV and the ability of Union to amend the M12 Rate Schedule with the approval of the OEB, no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

## XIV. NON-WAIVER AND FUTURE DEFAULT

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XV. LAWS, REGULATIONS AND ORDERS

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

UNION SOUTH - RATE M12  
GENERAL TERMS & CONDITIONS

I. DEFINITIONS

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

"**Authorized Overrun**" shall mean the amount by which Shipper's Authorized Quantity exceeds the Contract Demand;

"**Available Capacity**" shall mean at any time, Union's remaining available capacity to provide Transportation Services;

"**Business Day**" shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

"**Contract**" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

"**Contract Year**" shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

"**cricondenthem hydrocarbon dewpoint**" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

"**cubic metre**" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Day**" shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

"**delivery**" shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;

"**Eastern Clock Time**" shall mean the local clock time in the Eastern Time Zone on any Day;

"**Expansion Facilities**" shall mean any new facilities to be constructed by Union in order to provide Transportation Services;

"**firm**" shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

"**gas**" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

"**gross heating value**" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

"**hydrocarbon dewpoint**" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

"**Interruptible Service HUB Contract**" shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

"**interruptible service**" or "**Interruptible**" shall mean service subject to curtailment or interruption, after notice, at any time;

"**Interconnecting Pipeline**" shall mean a pipeline that directly connects to the Union pipeline system;

"**joule**" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "**megajoule**" (MJ) shall mean 1,000,000 joules. The term "**gigajoule**" (GJ) shall mean 1,000,000,000 joules;

"**Loaned Quantities**" shall mean those quantities of gas loaned to Shipper under the Facilitating Agreement;

"**m<sup>3</sup>**" shall mean cubic metre of gas and "**10<sup>3</sup>m<sup>3</sup>**" shall mean 1,000 cubic metres of gas;

"**Month**" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"**NAESB**" shall mean North American Energy Standards Board;

"**OEB**" means the Ontario Energy Board;

"**Open Season**" or "**open season**" shall mean an open access auction or bidding process held by Union as a method of allocating capacity;

"**pascal**" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "**kilopascal**" (kPa) shall mean 1,000 pascals;

"**receipt**" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;

"**Shipper**" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

"**specific gravity**" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Taxes**" shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"**TCPL**" means TransCanada PipeLines Limited;

"**Union**" shall mean Enbridge Gas Inc. operating as Union Gas;

"**Wobbe Number**" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,

- b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.
3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's M12 Rate Schedule.

### III. MEASUREMENTS

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "Act") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "Regulations"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

**IV. RECEIPT POINT AND DELIVERY POINT**

1. Unless otherwise specified in the Contract, the point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where possession of the gas changes from one party to the other, and as per Schedule "D 2010".

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Parkway (TCPL), or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.

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4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

## **VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Transportation Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled in any of the Transportation Services to Shipper, the parties shall have the right to amend their statement for a period equal to the time during which the Interconnecting Pipeline retains the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

## **IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,



- a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
- b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.
4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.
5. Set Off: If either party shall, at any time, be in arrears under any of its payment obligations to the other party under the Contract, then the party not in arrears shall be entitled to reduce the amount payable by it to the other party in arrears under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to the other party. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract or any enhancement to the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.

X. ARBITRATION

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

XI. FORCE MAJEURE

1. Definition: The term "force majeure" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "Daily Demand Rate" shall mean the Monthly demand charge or equivalent pursuant to the M12 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Proration of Firm Transportation Service: If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by

multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

**XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI ALLOCATION OF CAPACITY**

1. Requests for Transportation Service: A potential shipper may request firm transportation service on Union's system at any time. Any request for firm M12 transportation service must include: potential shipper's legal name, Receipt Point(s), Delivery Point(s), Commencement Date, Initial Term, Contract Demand and proposed payment. This is applicable for M12 service requests for firm transportation service with minimum terms of ten (10) years where Expansion Facilities are required or a minimum term of five (5) years for use of existing capacity.
2. Expansion Facilities: If requests for firm transportation services cannot be met through existing capacity such that the only way to satisfy the requests for transportation service would require the construction of Expansion Facilities which create new capacity, Union shall allocate any such new capacity by open season, subject to the terms of the open season, and these General Terms and Conditions.

3. Open Seasons: If requests for long-term firm transportation service can be met through existing facilities upon which long-term capacity is becoming available, Union shall allocate such long-term capacity by open season, subject to the terms of the open season, and these General Terms and Conditions. "Long-term", for the purposes of this Article XVI, means, in the case of a transportation service, a service that has a term of one year or greater.
4. Awarding Open Season Capacity: Capacity requests received during an open season shall be awarded starting with those bids with the highest economic value. If the economic values of two or more independent bids are equal, then service shall be allocated on a pro-rata basis. The economic value shall be based on the net present value which shall be calculated based on the proposed per- unit rate and the proposed term of the contract and without regard to the proposed Contract Demand ("NPV").
5. Available Capacity Previously Offered in Open Season: Union may at any time allocate capacity to respond to any M12 transportation service request through an open season. If a potential shipper requests M12 transportation service that can be provided through Available Capacity that was previously offered by Union in an open season but was not awarded, then:
  - a. Any such request must conform to the requirements of Section 1 of this Article XVI;
  - b. Union shall allocate capacity to serve such request pursuant to this Section 5, and subject to these General Terms and Conditions and Union's standard form M12 transportation contract;
  - c. Union may reject a request for M12 transportation service for any of the following reasons:
    - i) if there is insufficient Available Capacity to fully meet the request, but if that is the only reason for rejecting the request for service, Union must offer to supply the Available Capacity to the potential shipper;
    - ii) if the proposed monthly payment is less than Union's Monthly demand charge plus fuel requirements for the applicable service;
    - iii) if prior to Union accepting the request for transportation service Union receives a request for transportation service from one or more other potential shippers and there is, as a result, insufficient Available Capacity to service all the requests for service, in which case Union shall follow the procedure in Section 5 d hereof; -
    - iv) if Union does not provide the type of transportation service requested; or
    - v) if all of the conditions precedent specified in Article XXI Sections 1 and 2 herein have not been satisfied or waived.
  - d. Union will advise the potential shipper in writing whether Union accepts or rejects the request for service, subject to Article XVI 5 c, within 5 calendar days of receiving a request for M12 transportation service. If Union rejects a request for service, Union shall inform the potential shipper of the reasons why its request is being rejected; and
  - e. If Union has insufficient Available Capacity to service all pending requests for transportation service Union may:
    - i) Reject all the pending requests for transportation service and conduct an open season; or
    - ii) Union shall inform all the potential shippers who have submitted a pending request for transportation service that it does not have sufficient capacity to service all pending requests for service, and Union shall provide all such potential shippers with an equal opportunity to submit a revised request for service. Union shall then allocate the Available Capacity to the request for transportation service with the highest economic value to Union. If the economic values of two or more requests are equal, then service shall be allocated on a pro-rata basis. The economic value of any request shall be based on the NPV.

**XVII. RENEWALS**

Contracts with an Initial Term of five (5) years or greater will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper may reduce the Contract Demand or terminate the Contract with notice in writing by Shipper at least two (2) years prior to the expiration thereof.

**XVIII. SERVICE CURTAILMENT**

1. Right to Curtail: Union shall have the right to curtail or not to schedule part or all of Transportation Services, in whole or in part, on all or a portion of its pipeline system at any time for reasons of Force Majeure or when, in Union sole discretion, acting reasonably, capacity or operating conditions so require or it is desirable or necessary to make modifications, repairs or operating changes to its pipeline system. Union shall provide Shipper such notice of such curtailment as is reasonable under the circumstances. If due to any cause whatsoever Union is unable to receive or deliver the quantities of Gas which Shipper has requested, then Union shall order curtailment by all Shippers affected and to the extent necessary to remove the effect of the disability. Union has a priority of service policy to determine the order of service curtailment. In order to place services on the priority of service list, Union considers the following business principles: appropriate level of access to core services, customer commitment, encouraging appropriate contracting, materiality, price and term, and promoting and enabling in-franchise consumption.

The Priority ranking for all services utilizing Union Gas' storage, transmission and distribution system as applied to both in-franchise and ex-franchise services are as follows; with number 1 having the highest priority and the last interrupted.

1. Firm In-franchise Transportation and Distribution services and firm Ex-franchise services (Note 1)
2. In-franchise Interruptible Distribution services
3. C1/M12 IT Transport and IT Exchanges with Take or Pay rates
4. Balancing (Hub Activity) < = 100 GJ/d; Balancing (Direct Purchase) < = 500 GJ/d; In-franchise distribution authorized overrun (Note 3)
5. C1/M12 IT Transport and IT Exchanges at premium rates
6. C1/M12 Overrun < = 20% of CD (Note 4)
7. Balancing (Direct Purchase) > 500 GJ/d
8. Balancing (Hub Activity) > 100 GJ/d; C1/M12 IT Transport and IT Exchanges
9. C1/M12 Overrun > 20% of CD
10. C1/M12 IT Transport and IT Exchanges at a discount
11. Late Nominations

Notes:

1. Nominated services must be nominated on the NAESB Timely Nomination Cycle otherwise they are considered to be late nomination and are therefore interruptible.
2. Higher value or more reliable IT is contemplated in the service and contract, when purchase at market competitive prices.
3. Captures the majority of customers that use Direct Purchase balancing transactions.
4. Captures the majority of customers that use overrun.

2. Capacity Procedures: Union reserves the right to change its procedures for sharing interruptible capacity and will provide Shipper with two (2) months prior notice of any such change.
3. Maintenance: Union's facilities from time to time may require maintenance or construction. If such maintenance or construction is required, and in Union's sole opinion, acting reasonably, such maintenance or construction may impact Union's ability to meet Shipper's requirements, Union shall provide at least ten (10) days notice to Shipper, except in the case of an emergency. In the event the maintenance impacts Union's ability to meet Shipper's requirements, Union shall not be liable for any damages and shall not be deemed in breach of the Contract. To the extent that Union's ability to accept and/or deliver Shipper's gas is impaired, the Monthly demand charge shall be reduced in accordance with Article XI Section 8 and available capacity allocated in accordance with Article XI Section 9 herein.

Union shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Union will endeavour to schedule and complete the maintenance and construction, which would normally be expected to impact on Union's ability to meet Shipper's requirements, during the period from April 1 through to November 1.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security) (if any) shall remain in place throughout the term hereof, unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract as a result of one of the following events ("**Material Event**");
  - a. Shipper is in default, which default has not been remedied, of the Contract or is in default of any other material contract with Union or another party; or,
  - b. Shipper's corporate or debt rating falls below investment grade according to at least one nationally recognized rating agency; or,
  - c. Shipper ceases to be rated by a nationally recognized agency; or,
  - d. Shipper has exceeded credit available as determined by Union from time to time,

then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "**Security**"). The Security plus the Initial Financial Assurances shall not exceed twelve (12) months of Monthly demand charges (in accordance with Article IX herein) multiplied by Contract Demand. In the event that Shipper does not provide to Union such Security within such fourteen (14) day period, Union may deem a default under the Default and Termination provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

**XX. MISCELLANEOUS PROVISIONS**

1. Permanent Assignment: Shipper may assign the Contract to a third party ("Assignee"), up to the Contract Demand, (the "Capacity Assigned"). Such assignment shall require the prior written consent of Union and release of obligations by Union for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Temporary Assignment: Shipper may, upon notice to Union, assign all or a part of its service entitlement under the Contract (the "Assigned Quantity") and the corresponding rights and obligations to an Assignee on a temporary basis for not less than one calendar month. Such assignment shall not be unreasonably withheld and shall be conditional upon the Assignee executing the Facilitating Agreement as per Article XXI herein. Notwithstanding such assignment, Shipper shall remain obligated to Union to perform and observe the covenants and obligations contained herein in regard to the Assigned Quantity to the extent that Assignee fails to do so.
3. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

**XXI. PRECONDITIONS TO TRANSPORTATION SERVICES**

1. Union Conditions: The obligations of Union to provide Transportation Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Transportation Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the transportation Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Transportation Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract; and,
  - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
  - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfill the conditions precedent specified in this Article XXI Section 1 a, c, and d and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

UNION SOUTH - RATE M12  
NOMINATIONS

- a) For Services provided either under this rate schedule or referenced to this rate schedule:
- i) For Services required on any day Shipper shall provide Union with details regarding the quantity it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
  - ii) All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
  - iii) For customers electing firm all day transportation service, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
- b) Union shall determine whether or not all or any portion of the Nomination will be accepted. In the event Union determines that it will not accept such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantity Available**") for Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a "**Revised Nomination**" to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantity Available, then the Revised Nomination shall be deemed to be the Quantity Available. If the Revised Nomination (delivered within the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
- c) That portion of a Shipper's Nomination or Revised Nomination, as set out in (a) and (b), above, which Union shall accept for Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
- d) If on any day the actual quantities handled by Union, for each of the Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Services exceed Shipper's Authorized Quantity, such excess shall be deemed "**Unauthorized Overrun**".
- e) The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20) of the quantity received for that day. Union shall have the right to limit Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20) of the quantity handled for that day, for each applicable Service.
- f) A nomination for a daily quantity of gas on any day shall remain in effect and apply to subsequent days unless and until Union receives a new nomination from Shipper or unless Union gives Shipper written notice that it is not acceptable in accordance with either (a) or (b) of this schedule.
- g) Except for periods of gas or quantity balancing as provided in the Contract, nominations by Shipper for deliveries to Union and redeliveries by Union shall be the same delivery of gas by Union either to Shipper or a Shipper's Account with Union.



UNION SOUTH - RATE M12  
NOMINATIONS

1. For Transportation Services required on any Day under the Contract, Shipper shall provide Union with details regarding the quantity of Gas it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
2. All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
3. Union shall determine whether or not all or any portion of the Nomination will be scheduled at each nomination cycle. With respect to each nomination cycle, in the event Union determines that it will not schedule such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantities Available**") for Transportation Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union, but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a revised nomination ("**Revised Nomination**") to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantities Available, then the Revised Nomination shall be deemed to be the Quantities Available. If the Revised Nomination (delivered with the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
4. For Shippers electing firm all day transportation service, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
5. For Transportation Services requiring Shipper to provide compressor fuel in kind, the nominated fuel requirements will be calculated by rounding to the nearest whole GJ.
6. All Timely Nominations shall have rollover options. Specifically, Shippers shall have the ability to nominate for several days, months or years, provided the Nomination start date and end date are both within the term of the Transportation Agreement.
7. Nominations received after the nomination deadline shall, if accepted by Union, be scheduled after Nominations received before the nomination deadline.
8. All Services are required to be nominated in whole Gigajoules (GJ).
9. To the extent Union is unable to complete a Nomination confirmation due to inaccurate, untimely or incomplete data involving an Interconnecting Pipeline entity, Union shall undertake reasonable efforts to confirm the transaction on a non-discriminatory basis until such time that the transaction is adequately verified by the parties, or until such time that Union determines that the Nomination is invalid at which time the Union shall reject the Nomination.
10. That portion of a Shipper's Nomination or Revised Nomination, as set out in paragraphs 1 and 3 above, which Union shall schedule for Transportation Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
11. If on any day the actual quantities handled by Union, for each of the Transportation Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Transportation

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Services exceed Shipper's Authorized Quantity shall be deemed "**Unauthorized Overrun**".

12. The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20<sup>th</sup>) of the quantity received for that day. Union shall have the right to limit Transportation Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20<sup>th</sup>) of the quantity handled for that day, for each applicable Transportation Service.
13. The parties hereto recognize that with respect to Transportation Services, on any day, receipts of gas by Union and deliveries of gas by Union may not always be exactly equal, but each party shall cooperate with the other in order to balance as nearly as possible the quantities transacted on a daily basis, and any imbalances arising shall be allocated to the Facilitating Agreement and shall be subject to the respective terms and charges contained therein, and shall be resolved in a timely manner.
14. Shipper may designate via *Unionline* access request form, a third party as agent for purposes of providing a Nomination, and for giving and receiving notices related to Nominations, and Union shall only accept nominations from the agent. Any such designation, if acceptable to Union, shall be effective following the receipt and processing of the written notice and will remain in effect until revoked in writing by Shipper.

**ENBRIDGE GAS INC.**

**Union South**

**M12 Monthly Transportation Fuel Ratios and Fuel Rates**

Firm or Interruptible Transportation Commodity

Effective January 1, 2021

Month	VT1 Easterly Dawn to Parkway (TCPL), Parkway (EGT) With Dawn Compression		VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression		M12-X Westerly Kirkwall to Dawn	
	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)
April	0.914	0.024	0.569	0.015	0.165	0.004
May	0.650	0.017	0.388	0.010	0.165	0.004
June	0.543	0.014	0.286	0.008	0.165	0.004
July	0.528	0.014	0.273	0.007	0.165	0.004
August	0.420	0.011	0.166	0.004	0.165	0.004
September	0.416	0.011	0.165	0.004	0.165	0.004
October	0.780	0.020	0.480	0.013	0.165	0.004
November	0.930	0.024	0.650	0.017	0.165	0.004
December	1.053	0.028	0.773	0.020	0.165	0.004
January	1.212	0.032	0.917	0.024	0.165	0.004
February	1.151	0.030	0.864	0.023	0.165	0.004
March	1.075	0.028	0.773	0.020	0.165	0.004

Month	M12-X Easterly Kirkwall to Parkway (TCPL), Parkway (EGT)		M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)		M12-X Westerly Parkway to Kirkwall, Dawn	
	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)
April	0.509	0.013	0.165	0.004	0.312	0.008
May	0.426	0.011	0.165	0.004	0.312	0.008
June	0.421	0.011	0.165	0.004	0.312	0.008
July	0.419	0.011	0.165	0.004	0.312	0.008
August	0.419	0.011	0.165	0.004	0.312	0.008
September	0.415	0.011	0.165	0.004	0.312	0.008
October	0.464	0.012	0.165	0.004	0.312	0.008
November	0.444	0.012	0.165	0.004	0.165	0.004
December	0.445	0.012	0.165	0.004	0.165	0.004
January	0.460	0.012	0.165	0.004	0.165	0.004
February	0.451	0.012	0.165	0.004	0.165	0.004
March	0.466	0.012	0.165	0.004	0.165	0.004

**ENBRIDGE GAS INC.**

**Union South**

**M12 Monthly Transportation Authorized Overrun Fuel Ratios and Fuel Rates**

Firm or Interruptible Transportation Commodity

Effective January 1, 2021

Month	VT1 Easterly Dawn to Parkway (TCPL), Parkway (EGT) With Dawn Compression		VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression		M12-X Westerly Kirkwall to Dawn	
	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)
April	1.559	0.161	1.215	0.152	0.810	0.170
May	1.296	0.154	1.034	0.148	0.810	0.170
June	1.189	0.152	0.932	0.145	0.810	0.170
July	1.173	0.151	0.919	0.145	0.810	0.170
August	1.066	0.148	0.811	0.142	0.810	0.170
September	1.062	0.148	0.811	0.142	0.810	0.170
October	1.426	0.158	1.126	0.150	0.810	0.170
November	1.575	0.162	1.296	0.154	0.810	0.170
December	1.698	0.165	1.418	0.158	0.810	0.170
January	1.858	0.169	1.563	0.161	0.810	0.170
February	1.797	0.168	1.510	0.160	0.810	0.170
March	1.720	0.166	1.419	0.158	0.810	0.170

Month	M12-X Easterly Kirkwall to Parkway (TCPL), Parkway (EGT)		M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)		M12-X Westerly Parkway to Kirkwall, Dawn	
	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)	Fuel Ratio (%)	Fuel Rate (\$/GJ)
April	1.155	0.179	0.810	0.170	0.958	0.174
May	1.072	0.177	0.810	0.170	0.958	0.174
June	1.067	0.177	0.810	0.170	0.958	0.174
July	1.065	0.177	0.810	0.170	0.958	0.174
August	1.065	0.177	0.810	0.170	0.958	0.174
September	1.061	0.177	0.810	0.170	0.958	0.174
October	1.110	0.178	0.810	0.170	0.958	0.174
November	1.090	0.177	0.810	0.170	0.810	0.170
December	1.090	0.178	0.810	0.170	0.810	0.170
January	1.105	0.178	0.810	0.170	0.810	0.170
February	1.097	0.178	0.810	0.170	0.810	0.170
March	1.112	0.178	0.810	0.170	0.810	0.170

**UNION SOUTH - RATE M12  
RECEIPT AND DELIVERY POINTS AND PRESSURES**

1. Receipt and Delivery Points:

The following defines each Receipt Point and/or Delivery Point, as indicated (R= Receipt Point; D= Delivery Point)

R,D	<b><u>DAWN (FACILITIES):</u></b>	Union's Compressor Station site situated in the northwest corner of Lot Twenty-Five (25), Concession II, in the Township of Dawn-Euphemia, in the County of Lambton. This point is applicable for quantities of gas that have been previously transported or stored under other contracts that Shipper may have in place with Union.
R	<b><u>DAWN (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Dawn (Facilities).
R	<b><u>DAWN (TECUMSEH):</u></b>	At the junction of Union's and Enbridge Gas Inc.'s (Enbridge) Tecumseh Gas Storage's facilities, at or adjacent to Dawn (Facilities).
R	<b><u>DAWN (TSLE):</u></b>	At the junction of Union's and Enbridge's NPS 16 Tecumseh Sombra Line Extension facilities; at or adjacent to Dawn (Facilities).
R	<b><u>DAWN (VECTOR):</u></b>	At the junction of Union's and Vector Pipeline Limited Partnership ("Vector") facilities, at or adjacent to Dawn (Facilities).
R,D	<b><u>PARKWAY (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Union's facilities situated in the Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga).
R,D	<b><u>KIRKWALL:</u></b>	At the junction of Union's and TCPL's facilities at or adjacent to Union's facilities situated in Part Lot Twenty-Five (25), Concession 7, Town of Flamborough.
D	<b><u>PARKWAY (CONSUMERS):</u></b>	At the junction of Union's and Enbridge's facilities, at or adjacent to Union's facilities situated in Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga).
D	<b><u>PARKWAY (EGT):</u></b>	At the junction of Union's and Enbridge's facilities, at or adjacent to Union's facilities situated in Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga).
D	<b><u>LISGAR:</u></b>	At the junction of the facilities of Union and Enbridge situated at 6620 Winston Churchill Boulevard, City of Mississauga.

2. Receipt and Delivery Pressures:

(a) All Gas tendered by or on behalf of Shipper to Union shall be tendered at the Receipt Point(s) at Union's prevailing pressure at that Receipt Point, or at such pressure as per operating agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(b) All Gas tendered by or on behalf of Union to Shipper shall be tendered at the Delivery Point(s) at Union's prevailing pressure at that Delivery Point or at such pressure as per agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(c) Under no circumstances shall Union be obligated to receive or deliver gas hereunder at pressures exceeding the maximum allowable operating pressures prescribed under any applicable governmental regulations; nor shall Union be required to make any physical deliveries or to accept any physical receipts which its existing facilities cannot accommodate.

ENBRIDGE GAS INC.  
UNION SOUTH  
TRANSPORTATION OF LOCALLY PRODUCED GAS

**(A) Applicability**

The charges under this rate schedule shall be applicable to a customer who enters into a contract with Union for gas received at a local production point to be transported to Dawn.

Applicable Points

Dawn as a delivery point: Dawn (Facilities).

**(B) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

Demand Commodity

	Demand Charge Rate/Month	Commodity Charge Rate/GJ	Union	Shipper Supplied Fuel	
			Supplied Fuel Fuel and Commodity Charge Rate/GJ	Fuel Ratio %	AND
1. Monthly fixed charge per Customer Station	\$1,011.13				
2. Transmission Commodity Charge		\$0.037			
3. Delivery Commodity Charge			\$0.006	0.167%	
4. Facility Carbon Charge (in addition to the Delivery Commodity Charge)			\$0.003		\$0.003

These charges are in addition to the transportation, storage and/or balancing charges which shall be paid for under Rate M12 or Rate C1, or other services that may be negotiated.

5. Overrun Services

Authorized Overrun

Authorized overrun will be payable on all quantities transported in excess of Union's obligation on any day. The overrun charges payable will be calculated at the identified authorized overrun charge plus the facility carbon charge. Overrun will be authorized at Union's sole discretion.

	Union	Shipper Supplied Fuel		
	Supplied Fuel Fuel and Commodity Charge Rate/GJ	Fuel Ratio %	AND	Commodity Charge Rate/GJ
Authorized Overrun Charge	\$0.122	0.167%		\$0.116
Facility Carbon Charge (in addition to the Authorized Overrun Charge)	\$0.003			\$0.003

Unauthorized Overrun

Authorized Overrun rates payable on all volumes up to 2% in excess of Union's contractual obligation.

The Unauthorized Overrun rate during the November 1 to April 15 period will be \$50 per GJ for all usage on any day in excess of 102% of Union's contractual obligation. The Unauthorized Overrun rate during the April 16 to October 31 period will be \$9.373 per GJ for all usage on any day in excess of 102% of Union's contractual obligation.

**(C) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2013" for contracts in effect on or after January 1, 2013.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

UNION SOUTH - RATE M13  
GENERAL TERMS & CONDITIONS

I. DEFINITIONS

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Aid to Construction"** shall include any and all costs, expenses, amounts, damages, obligations, or other liabilities (whether of a capital or operating nature, and whether incurred before or after the date of the Contract) actually paid by Union (including amounts paid to affiliates for services rendered in accordance with the Affiliate Relationships Code as established by the OEB) in connection with or in respect of satisfying the conditions precedent set out in Article XXI herein (including without limitation the cost of construction, installation and connection of any required meter station as described in Article IX, Section 6, the obtaining of all governmental, regulatory and other third party approvals, and the obtaining of rights of way) whether resulting from Union's negligence or not, except for any costs that have arisen from the gross negligence, fraud, or wilful misconduct of Union;

**"Average Local Producer Heat" ("ALPH")** shall mean the heat content value as set by Union, and shall be determined by volumetrically averaging the gross heat content of all produced gas delivered to the Union system by Ontario Local Producers. The ALPH shall be expressed in GJ/10<sup>3</sup>m<sup>3</sup> and may be adjusted from time to time by Union;

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

**"cricondenthem hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Dawn Quantity"** shall mean the total daily quantity of gas in GJ delivered at Dawn (Facilities), which is equal to the total energy of all gas supplied daily to Union at the Receipt Point(s). The Dawn Quantity shall be calculated utilizing the following factor equation: Dawn Quantity = Produced Volume x ALPH;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"Delivery Point"** shall mean the point where Union shall deliver the Dawn Quantity and/or Market Quantity to Shipper and as further defined in Schedule 1 of the Contract;

**"Distribution Demand"** shall mean the varying demand for the supply of gas, as determined by Union, on Union's pipeline and distribution system for users of gas who are supplied or delivered gas by Union's pipeline and distribution system;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

**"Firm Daily Variability Demand"** shall mean the established quantity set forth in Schedule 2 of the Contract, which is the



permitted difference between the Dawn Quantity and the Market Quantity;

"gas" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

"gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

"hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

"Interruptible Service HUB Contract" shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

"Interconnecting Pipeline" shall mean a pipeline that directly connects to the Union pipeline and distribution system;

"joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;

"m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;

"MAOP" shall mean the maximum allowable operating pressure of Union's pipeline and distribution system and as further defined in Schedule 1 of the Contract;

"Market Quantity" shall mean the daily quantity in GJ nominated for Name Change Service that Day by Shipper at Dawn (Facilities);

"Maximum Daily Quantity" shall mean the maximum quantity of gas Shipper may deliver to Union at a Receipt Point on any Day, as further defined in Schedule 1;

"Month" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"Name Change Service" shall mean an interruptible administrative service whereby Union acknowledges for Shipper a change in title of a gas quantity from Shipper to a third party at the Delivery Point;

"OEB" means the Ontario Energy Board;

"pascal" "(Pa)" shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" "(kPa)" shall mean 1,000 pascals;

"Produced Volume" shall mean the aggregate of all actual volumes of gas in 10<sup>3</sup>m<sup>3</sup>, delivered by Shipper to Union at all Receipt Points on any Day;

"Producer Balancing Account" shall mean the gas balance held by Union for Shipper, or owed by Shipper to Union, at the Delivery Point. Where the Producer Balancing Account is zero or a positive number, the account is in a credit position, and where the Producer Balancing Account is less than zero, the account is in a debit position;

"Producer Balancing Service" shall mean a Service whereby Union either calculates a credit or debit to the Producer Balancing Account by subtracting the Market Quantity from the Dawn Quantity. Where such amount is greater than zero, Union will credit the Producer Balancing Account, or where such amount is less than zero, Union will debit the Producer Balancing Account. This Service shall be performed on a retroactive basis on the terms and conditions contained in Schedule 2 of the Contract, as may be revised from time to time by Union;

"Receipt Point" shall mean the point(s) where Union shall receive gas from Shipper;

"Sales Agreement" shall mean the Ontario Gas Purchase Agreement(s) entered into between Shipper and Union;

"Shipper" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

"specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"System Capacity" shall mean the volumetric capacity that exists from time to time within Union's pipeline and distribution system which determines Union's ability to accept volumes of gas into Union's pipeline and distribution system hereunder. System Capacity shall be determined by Union and such determination, in addition to the physical characteristics of Union's pipeline and distribution system Distribution Demand, shall also include consideration of Union's local Distribution Demand, Union's total system Distribution Demand, availability of Union's gas storage capacity, and other gas being purchased and/or delivered into Union's pipeline and distribution system;

"Taxes" shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"Union" shall mean Enbridge Gas Inc. operating as Union Gas;

"Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to Union at the Receipt Point(s) hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than one hundred (100) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,

- j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas,
  - k. shall not exceed forty-three degrees Celsius (43°C), and,
  - l. shall not be odourized by Shipper.
3. Non-conforming Gas:
- a. In the event that the quality of the gas does not conform or if Union, acting reasonably, suspects the quality of the gas may not conform to the specifications herein, then Shipper shall, if so directed by Union acting reasonably, forthwith carry out, at Shipper's cost, whatever field testing of the gas quality as may be required to ensure that the quality requirements set out herein are met, and to provide Union with a certified copy of such tests. If Shipper does not carry out such tests forthwith, Union may conduct such test and Shipper shall reimburse Union for all costs incurred by Union for such testing.
  - b. If Shipper's gas fails at any time to conform to the requirements of this Article II, Union, in addition to its other remedies, may refuse to accept delivery of gas at the Receipt Points hereunder until such deficiency has been remedied by Shipper. Each Party agrees to notify the other verbally, followed by written notification, of any such deficiency of quality.
4. Quality of Gas Received: The quality of the gas to be received by Union at the Receipt Point(s) hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will use reasonable efforts to accept gas of a quality that may deviate from the quality standards set out therein.
5. Quality of Gas at Dawn: The quality of the gas to be delivered to Union at Dawn (Facilities) or the gas to be delivered by Union to Shipper at Dawn (Facilities) hereunder is to be of a merchantable quality and in accordance with the quality standards and measurement standards as set out by Union in this Article II, except that total sulphur limit shall be not more than four hundred and sixty (460) milligrams per cubic metre of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.

### III. MEASUREMENTS

- 1. Service Unit: The unit of the gas delivered to Union shall be a quantity of 10<sup>3</sup>m<sup>3</sup>. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
- 2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "Act") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "Regulations"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "**Manual for Determination of Supercompressibility Factors for Natural Gas**" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.

**IV. RECEIPT POINT AND DELIVERY POINT**

The point(s) of receipt and point of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in Schedule 1 of the Contract, where possession of the gas changes from one party to the other.

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

1. Meter Station: Union shall provide, at the Receipt Point(s), according to the terms hereunder, the meter station required to receive and measure the Produced Volume of gas received by Union from Shipper. Shipper agrees, if requested by Union, to provide Union with sufficient detailed information regarding Shipper's current and expected operations in order to aid Union in Union's design of the meter station.
2. Union Obligations: Pursuant to Article VI. Section 1 herein, Union shall purchase, install and maintain, at the Receipt Point(s):
  - a. a meter and any associated recording gauges as are necessary; and,
  - b. a suitable gas odourizing injection facility where Union deems such facility to be necessary.
3. Union Equipment: All equipment installed by Union at the Receipt Point(s) shall remain the property of Union at all times, notwithstanding the fact that it may be affixed to Shipper's property. Union shall be entitled to remove said equipment at any time within a period of sixty (60) days from any termination or expiry of the Contract. Shipper shall take all necessary steps to ensure Union may enter onto the Receipt Point(s) to remove such equipment for a period of sixty (60) days after termination or expiry of the Contract or the Sales Agreement.
4. Shipper Obligations: Upon Union's request Shipper shall, at Shipper's own cost and expense:
  - a. obtain a registered lease or freehold ownership at the Receipt Point(s) sufficient to provide Union with free uninterrupted access to, from, under and above the Receipt Point(s), for a term (and extended terms) identical to the Contract, plus sixty (60) days, and shall provide Union with a bona fide copy of such lease agreement prior to Union commencing the construction of the meter station;
  - b. furnish, install, set, and maintain suitable pressure and volume control equipment and such additional equipment as required on Shipper's delivery system, to protect against the overpressuring of Union's facilities, and to limit the daily flow of gas to the corresponding Maximum Daily Quantity applicable to the Receipt Point(s);
  - c. supply, install and maintain a gravel or cut stone covering on each Receipt Point and shall maintain such Receipt Point(s) in a safe and workmanlike manner; and,
  - d. install and maintain a fence satisfactory to Union around the perimeter of each Receipt Point which will adequately secure and protect Union's equipment therein.
5. Maintenance Costs: Shipper shall within thirty (30) days of the delivery of an invoice by Union, reimburse Union for any actual costs reasonably incurred by Union for any repair, replacement, relocation, or upgrading of any meter station

requested by Shipper, or as required by law, or by duly constituted regulatory body, or through good engineering practice. Union shall be responsible for any costs incurred by Union to correct an error made by Union.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas received or delivered hereunder is measured by a meter that is owned and operated by an upstream or downstream transporter (the "Transporter") whose facilities may or may not interconnect with Union's, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas received or delivered on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union pursuant to this Article VII, Section 2 shall be in accordance with the general terms and conditions as incorporated in that Transporter's gas tariff as approved by Transporter's regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Receipt Point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the Receipt Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
5. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.

**VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled in any of the Services to Shipper, the parties shall have the right to amend their statement for a period equal to the time during which the companies, that transport the gas contemplated herein for Union and Shipper, retain the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.
4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.
5. Set Off: If either party shall, at any time, be in arrears under any of its payment obligations to the other party under the Contract, then the party not in arrears shall be entitled to reduce the amount payable by it to the other party in arrears under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to the other party. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.
6. Station and Connection Costs: In the event that a meter station must be constructed and/or installed in order to give effect to the Contract, Shipper agrees to pay Union for a portion, as determined by Union, of Union's actual cost, as hereinafter defined, for constructing and installing such station. Shipper also agrees to pay the actual costs to connect such station to Union's pipeline and distribution system. Union shall advise Shipper as to the need for a meter station and shall provide Shipper with an estimate of the Aid to Construction. Such Aid to Construction shall include the costs of all pipe, fittings and materials, third party labour costs and Union's direct labour, labour saving devices, vehicles and

mobile equipment, but shall exclude the purchase costs of gas pressure control equipment and gas meters installed by Union.

X. ARBITRATION

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

XI. FORCE MAJEURE

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to

by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.

8. Firm Daily Variability Demand Charge Relief: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the Firm Daily Variability Demand for that Contract, then for that Day the Monthly charge shall be reduced by an amount equal to the applicable Firm Daily Variability Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Firm Daily Variability Demand Rate**" shall mean the monthly Firm Daily Variability Demand charge as provided in Schedule 2 of the Contract, divided by the number of days in the month for which such rate is being calculated.

**XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

In the event that the Contract is terminated pursuant to this Article XII, the parties hereto agree that they shall continue to be bound only by the terms and conditions set forth in the Contract but only for the purpose of determining the actual quantities in Shipper's Producer Balancing Account with such determination being subject to Article X. Such extended period of time shall not exceed one (1) year from the date of termination of the Contract.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.



XVI. RESERVED FOR FUTURE USE

N/A

XVII. RENEWALS

The Contract will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter, subject to notice in writing by either party of termination at least three (3) months prior to the expiration thereof.

XVIII. SERVICE CURTAILMENT

1. Verbal Notice: Excepting instances of emergency, Shipper and Union agree to give at least twenty-four (24) hours verbal notice before a planned curtailment of receipt or delivery, shut-down or start-up.
2. Emergency: Shipper shall complete and maintain a plan which depicts all of the Shipper's gas production facilities including all emergency shut off valves and emergency equipment and provide a copy to Union upon Union's request. Shipper shall provide to Union the names and telephone numbers of those persons whom Union may contact in the event of an emergency situation arising within the Shipper's facilities.
3. Emergency Notice: In the event that Union is notified by a third party or if Union becomes aware of an emergency situation in which Shipper's gas production site, pipeline or associated equipment is involved, Union shall immediately notify Shipper or Shipper's representative of such emergency condition.
4. Right to Modify: Union shall have the right, at all times, to reconstruct or modify Union's pipeline and distribution system and the pressure carried therein, notwithstanding that such reconstruction or modification may reduce the System Capacity available to receive Shipper's gas, or Shipper's ability to deliver gas to Union. Should Union expect any such reconstruction or modification to reduce the delivery or receipt of gas by either party, Union will, where able, provide Shipper with six (6) months' notice or as much notice as is reasonably practical in the circumstances. Union shall use reasonable efforts to assist the Shipper in meeting its Market Quantity in these circumstances.

XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security), if any, shall remain in place throughout the term hereof unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances (including the Initial Financial Assurances and Security), if any, throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract for any reason (a "Material Event"), then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "Security"). In the event that Shipper does not provide to Union such Security, Union may deem a default in accordance with the provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

3. Licence: Shipper represents and warrants to Union that Shipper possesses a licence to produce gas in the Province of Ontario.

XX. MISCELLANEOUS PROVISIONS

1. Assignment: Shipper may assign the Contract to a third party ("**Assignee**"), up to the Maximum Daily Quantity, (the "**Capacity Assigned**"). Such assignment shall require the prior written consent of Union and release of obligations by Union for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

XXI. PRECONDITIONS TO SERVICES

1. Union Conditions: The obligations of Union to provide Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union; and,
  - e. Union shall, where applicable, have obtained all internal and external approvals including the governmental, regulatory and other approvals or authorizations required to construct any facilities necessary to provide the Services hereunder, which approvals and authorizations, if granted upon conditions, shall be conditions satisfactory to Union; and,
  - f. Union shall, where applicable, have completed and placed into service those facilities necessary to provide the Services hereunder; and,
  - g. Further to Article IX Section 6 herein, Shipper shall pay to Union a payment ("**First Prepayment**") towards the Aid to Construction at the time of the execution of this Agreement. Shipper shall pay a payment prior to installation of the meter station ("**Second Prepayment**"). The foregoing payments are specified in the attached Schedule 1 for the first meter station ("**Receipt Point #1**") to be installed under the Contract. Payments for additional meter stations will be handled by written mutual agreement between the parties. Shipper shall pay Union the difference if the actual Aid to Construction is more than the Prepayments, within thirty (30) days of the delivery of an invoice from Union on which the actual costs for construction and installation of facilities are stated. Union shall pay Shipper the difference if the actual Aid to Construction is less than the Prepayments. In the event Shipper terminates this Agreement prior to Union incurring any costs related to the construction, installation or connection of the meter station, Shipper's Prepayments shall be returned to Seller, without interest, within fifteen (15) days notice to Union of such termination by Shipper. In the event Union has incurred costs, as set out herein, relative to the construction, installation or connection of the meter station prior to being notified by Shipper of Shipper's intention to terminate the Agreement, Union shall deduct such actual costs from Union's return of Shipper's Prepayments. "**Prepayments**" shall mean the sum of the First Prepayment and the Second

Prepayment.

2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and,
  - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
  - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract; and,
  - d. Shipper shall have cancelled or renegotiated its Sales Agreement, on terms satisfactory to Union, as applicable.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, d, e, f, g, and Section 2 a, b, and d. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, or if any of the Shipper payments required under the condition precedent in this Article XXI Section 1 g have not been paid as required in such section, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

ENBRIDGE GAS INC.  
UNION SOUTH  
STORAGE AND TRANSPORTATION SERVICES TRANSPORTATION CHARGES

**(A) Availability**

The charges under this rate schedule shall be applicable for transportation service rendered by Union for all quantities transported to and from embedded storage pools located within Union's franchise area and served using Union's distribution and transmission assets.

Applicable Points

Dawn as a receipt point: Dawn (Facilities).  
Dawn as a delivery point: Dawn (Facilities).

**(B) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

a) Charges Applicable to both Firm and/or Interruptible Transportation Services:

Monthly Fixed Charge per customer station (\$ per month) (1)	\$1,608.60
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Transmission Commodity Charge to Dawn (\$ per GJ)	\$0.037
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Transportation Fuel:	Customers located East <u>of Dawn</u>	Customers located West <u>of Dawn</u>
Fuel Charges to Dawn		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.006	\$0.006
Fuel Ratio - Shipper supplied fuel (%)	0.167%	0.167%
Fuel Charges to the Pool		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.007	\$0.016
Fuel Ratio - Shipper supplied fuel (%)	0.194%	0.474%

b) Firm Transportation Demand Charges: (2)

Monthly Demand Charge applied to contract demand (\$ per GJ)	\$0.812	\$2.418
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c) Facility Carbon Charge (in addition to Transportation Fuel Charges)	\$0.003	\$0.003
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**(B) Rates (Cont'd)**

Authorized Overrun:

The authorized overrun rate payable on all quantities transported in excess of Union's obligation any day shall be:

	Customers located East <u>of Dawn</u>	Customers located West <u>of Dawn</u>
Firm Transportation:		
Charges to Dawn		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.069	\$0.122
Commodity Rate - Shipper supplied fuel (\$ per GJ)	\$0.064	\$0.116
Fuel Ratio - Shipper supplied fuel (%)	0.167%	0.167%
Charges to the Pool		
Commodity Rate - Union supplied fuel (\$ per GJ)	\$0.033	\$0.096
Commodity Rate - Shipper supplied fuel (\$ per GJ)	\$0.027	\$0.079
Fuel Ratio - Shipper supplied fuel (%)	0.194%	0.474%
Facility Carbon Charge (in addition to Transportation Fuel Charges)	\$0.003	\$0.003

Overrun will be authorized at Union's sole discretion.

Unauthorized Overrun

Authorized Overrun rates payable on all transported quantities up to 2% in excess of Union's contractual obligation.

The Unauthorized Overrun rate during the November 1 to April 15 period will be \$50 per GJ for all usage on any day in excess of 102% of Union's contractual obligation. The Unauthorized Overrun rate during the April 16 to October 31 period will be \$9.373 per GJ for all usage on any day in excess of 102% of Union's contractual obligation.

Charges aforesaid in respect of any given month in accordance with General Terms & Conditions shall be payable no later than the twenty-fifth day of the succeeding month.

Notes for Section (B) Rates:

- (1) The monthly fixed charge will be applied once per month per customer station regardless of service being firm, interruptible or a combination thereof.
- (2) Demand charges will be applicable to customers firm daily contracted demand or the firm portion of a combined firm and interruptible service.

**(C) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A" for contracts in effect before October 1, 2010. The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2013" for contracts in effect on or after January 1, 2013.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

**GENERAL TERMS & CONDITIONS  
UNION SOUTH - M16 TRANSPORTATION AGREEMENT**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

1. "Banking Day" shall mean a day on which the general offices of the Canadian Imperial Bank of Commerce, 99 King St. W., Chatham, Ontario are open for business;
2. "business day" shall mean a day on which the general offices of Union in Chatham, Ontario are open for business;
3. "Contract" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;
4. "contract year" shall mean a period of three hundred and sixty-five (365) consecutive days, beginning on the day agreed upon by Union and Shipper as set forth in the Contract, or on any anniversary of such date; provided, however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days;
5. "day" shall mean a period of twenty-four (24) consecutive hours beginning at 9:00 a.m. Central Standard time. The reference date for any day shall be the calendar date upon which the twenty-four (24) hour period shall commence;
6. "month" shall mean the period beginning at 9:00 a.m. Central Standard time on the first day of a calendar month and ending at 9:00 a.m. Central Standard time on the first day of the following calendar month;
7. "firm" shall mean service not subject to curtailment or interruption except under Articles XI and XII of this Schedule "B";
8. "interruptible service" shall mean service subject to curtailment or interruption, after notice, at any time;
9. "gas" shall mean gas as defined in the Ontario Energy Board Act, R.S.O. 1980, c. 332, as amended, supplemented or reenacted from time to time;
10. "cubic metre" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
11. "m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;
12. "pascal" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" (kPa) shall mean 1,000 pascals;
13. "joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;
14. "gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;
15. "Shipper" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);
16. "subsidiary" means a company in which more than fifty (50) per cent of the issued share capital (having full voting

## SCHEDULE "A"

rights under all circumstances) is owned or controlled directly or indirectly by another company, by one or more subsidiaries of such other company, or by such other company and one or more of its subsidiaries;

17. "TCPL" means TransCanada PipeLines Limited;
18. "NOVA" means Gas Transmission Ltd.;
19. "Panhandle" means CMS Panhandle Eastern Pipeline Company;
20. "MichCon" means Michigan Consolidated Gas Company;
21. "SCPL" means St. Clair Pipelines (1996) Ltd.;
22. "OEB" means the Ontario Energy Board;
23. "NEB" means the National Energy Board (Canada);
24. "GLGT" means Great Lakes Gas Transmission Company;
25. "CMS" means CMS Gas Transmission and Storage Company;
26. "Consumers" means The Consumers' Gas Company, Limited;
27. "cricondenthem hydrocarbon dewpoint" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;
28. "hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;
29. "specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
30. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity; and,
31. "Union" shall mean Enbridge Gas Inc. operating as Union Gas.

## II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to Union at the Receipt Point(s) hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than one hundred (100) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,

## SCHEDULE "A"

- d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point four (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas,
  - k. shall not exceed forty-three degrees Celsius (43°C), and,
  - l. shall not be odourized by Shipper.
3. Non-conforming Gas:
- a. In the event that the quality of the gas does not conform or if Union, acting reasonably, suspects the quality of the gas may not conform to the specifications herein, then Shipper shall, if so directed by Union acting reasonably, forthwith carry out, at Shipper's cost, whatever field testing of the gas quality as may be required to ensure that the quality requirements set out herein are met, and to provide Union with a certified copy of such tests. If Shipper does not carry out such tests forthwith, Union may conduct such test and Shipper shall reimburse Union for all costs incurred by Union for such testing.
  - b. If Shipper's gas fails at any time to conform to the requirements of this Article II, Union, in addition to its other remedies, may refuse to accept delivery of gas at the Receipt Points hereunder until such deficiency has been remedied by Shipper. Each Party agrees to notify the other verbally, followed by written notification, of any such deficiency of quality.
  - c. With respect to Article II 2. h. herein, Union may accept the gas subject to Shipper's obligations under the Dehydration Contract, if applicable.
4. Quality of Gas Received: The quality of the gas to be received by Union at the Receipt Point(s) hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II.
5. Quality of Gas at Dawn: The quality of the gas to be delivered to Union at Dawn (Facilities) or the gas to be delivered by Union to Shipper at Dawn (Facilities) hereunder is to be of a merchantable quality and in accordance with the quality standards and measurement standards as set out by Union in this Article II, except that total sulphur limit shall be not more than four hundred and sixty (460) milligrams per cubic metre of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
6. Odourization of Gas:
- a. Union may odourize or deliver odourized gas under the Contract,
  - b. Shipper shall if requested by Union monitor the mercaptan sulphur content of the gas delivered to Union under the Contract and shall provide at no cost to Union a continuous signal quantifying the mercaptan sulphur content in milligrams per cubic metre.

### III. MEASUREMENTS



## SCHEDULE "A"

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

### IV. POINT OF RECEIPT AND POINT OF DELIVERY

1. Unless otherwise specified in the Contract, the point or points of receipt for all gas to be covered thereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where Union takes possession of the gas. Whenever the phrase "receipt point" appears herein, it shall mean Point of Receipt as defined in this Article IV.
2. Unless otherwise specified in the Contract, the point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection as specified in the Contract, where Shipper takes possession of the gas. Whenever the phrase "delivery point" shall appear hereon, it shall mean Point of Delivery as defined in this Article IV.

### V. POSSESSION OF AND RESPONSIBILITY FOR GAS

N/A

### VI. FACILITIES ON SHIPPER'S PROPERTY

N/A

### VII. MEASURING EQUIPMENT

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of

## SCHEDULE "A"

measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.

3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Custody Transfer Point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the Custody Transfer Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two per cent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

### VIII. BILLING

1. Monthly Billing Date: Union shall render bills on or before the 10th day of each month for all services furnished during the preceding month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding month's billing, an adjustment based on any difference between actual quantities and estimated quantities. If presentation of a bill to Shipper is delayed after the 10th day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.

### IX. PAYMENTS

**SCHEDULE "A"**

1. **Monthly Payments:** Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a business day, then payment must be received in Union's account on the first business day preceding the twentieth (20<sup>th</sup>) day of the month.
  
2. **Remedies for Non-payment:** Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due, Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract may suspend service(s) until such amount is paid, provided however, that if Shipper, in good faith shall dispute the amount of any such bill or part thereof and shall pay to Union such amounts as it concedes to be correct and at any time thereafter within twenty (20) days of a demand made by Union shall furnish good and sufficient surety bond satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination which may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case, then Union shall not be entitled to suspend service(s) because of such non-payment unless and until default be made in the conditions of such bond or in payment for any further service(s) to Shipper hereunder.

Notwithstanding the foregoing paragraph, this does not relieve Shipper from the obligation to continue its deliveries of gas under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. **Billing Adjustments:** If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "bill" next following shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within six (6) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of invoice.

**X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act of the Province of Ontario, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

**XI. FORCE MAJEURE**

N/A

**XII. DEFAULT AND TERMINATION**

N/A

SCHEDULE "A"

XIII. MODIFICATION

N/A

XIV. NONWAIVER AND FUTURE DEFAULT

N/A

XV. LAWS, REGULATIONS AND ORDERS

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

UNION SOUTH - RATE M16  
GENERAL TERMS & CONDITIONS

I. DEFINITIONS

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Aid to Construction"** shall include any and all costs, expenses, amounts, damages, obligations, or other liabilities (whether of a capital or operating nature, and whether incurred before or after the date of the Contract) actually paid by Union (including amounts paid to affiliates for services rendered in accordance with the Affiliate Relationships Code as established by the OEB) in connection with or in respect of satisfying the conditions precedent set out in Article XXI herein (including without limitation the construction and placing into service of the Union Expansion Facilities, the obtaining of all governmental, regulatory and other third party approvals, and the obtaining of rights of way) whether resulting from Union's negligence or not, except for any costs that have arisen from the gross negligence, fraud, or wilful misconduct of Union;

**"Authorized Overrun"** shall mean the amount by which Shipper's Authorized Quantity exceeds the firm and interruptible contract demands;

**"Authorized Quantity"** shall have the meaning given thereto in Schedule "B 2010" of the C1 Rate Schedule;

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days, beginning on the Commencement Date or on any anniversary of such date; provided, however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days;

**"cricondentherm hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Custody Transfer Point"** That point on the piping system at the Pool Station which is at the Shipper side of the insulating flange on the Union Expansion Facilities, and which point shall serve as the point of custody transfer;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"Dehydration Contract"** shall mean the contract for Dehydration Service between Union and the Shipper as detailed in Schedule 1 of the Contract;

**"Delivery Point"** shall mean the point(s) where Union shall deliver gas to Shipper as defined in Schedule 1 of the Contract;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

"**gas**" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c. 15, Sch. B, as amended, supplemented or re-enacted from time to time;

"**gross heating value**" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

"**hydrocarbon dewpoint**" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

"**Interconnecting Pipeline**" shall mean a pipeline that directly connects to the Union pipeline system;

"**Interruptible Service HUB Contract**" shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

"**interruptible**" shall mean service subject to curtailment or interruption, after notice, at any time;

"**joule**" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "**megajoule**" (MJ) shall mean 1,000,000 joules. The term "**gigajoule**" (GJ) shall mean 1,000,000,000 joules;

"**m<sup>3</sup>**" shall mean cubic metre of gas and "**10<sup>3</sup>m<sup>3</sup>**" shall mean 1,000 cubic metres of gas;

"**Month**" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"**OEB**" means the Ontario Energy Board;

"**pascal**" ("**Pa**") shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "**kilopascal**" ("**kPa**") shall mean 1,000 pascals;

"**Pool Quantity**" shall mean the actual daily quantity of gas delivered to or received from Shipper at the Custody Transfer Point;

"**Pool Station**" shall mean the physical location of Union's measurement and control facilities to the pool; the pool name as detailed in Schedule 1 of the Contract;

"**Receipt Point**" shall mean any one of the points where Union shall receive gas from Shipper as detailed in Schedule 1 of the Contract;

"**Shipper**" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

"**Shipper Quantity**" shall, on any Day, be equal to the greater of: (i) the Authorized Quantity for that Day; and (ii) the nomination duly made by Shipper in good faith prior to the nomination deadline for the first nomination window applicable for that Day; provided that in no event shall the Shipper Quantity exceed the firm contract demand;

"**specific gravity**" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Taxes**" shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"TCPL" means TransCanada PipeLines Limited;

"Union" shall mean Enbridge Gas Inc. operating as Union Gas;

"Union Expansion Facilities" shall mean any facilities necessary for Union to provide the Services, including without limiting the generality of the foregoing:

- a. a meter and any associated recording gauges as are necessary;
- b. pressure and/or flow control devices, over pressure protection and telemetry equipment as are necessary;
- c. a suitable gas odourizing injection facility if Union deems such a facility to be necessary
- d. piping, fittings, material, filtration facilities, cathodic protection and insulating flanges;
- e. gas chromatograph, moisture analyzer, piping, fittings, material, filtration facilities, cathodic protection and insulating flanges;

"Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to Union at the Receipt Point(s) hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than one hundred (100) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one

point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas,

- k. shall not exceed forty-three degrees Celsius (43°C), and,
- l. shall not be odourized by Shipper.

3. Non-conforming Gas:

- a. In the event that the quality of the gas does not conform or if Union, acting reasonably, suspects the quality of the gas may not conform to the specifications herein, then Shipper shall, if so directed by Union acting reasonably, forthwith carry out, at Shipper's cost, whatever field testing of the gas quality as may be required to ensure that the quality requirements set out herein are met, and to provide Union with a certified copy of such tests. If Shipper does not carry out such tests forthwith, Union may conduct such test and Shipper shall reimburse Union for all costs incurred by Union for such testing.
- b. If Shipper's gas fails at any time to conform to the requirements of this Article II, Union, in addition to its other remedies, may refuse to accept delivery of gas at the Receipt Points hereunder until such deficiency has been remedied by Shipper. Each Party agrees to notify the other verbally, followed by written notification, of any such deficiency of quality.
- c. With respect to Article II 2. h. herein, Union may accept the gas subject to Shipper's obligations under the Dehydration Contract, if applicable.

4. Quality of Gas Received: The quality of the gas to be received by Union at the Receipt Point(s) hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II.

5. Quality of Gas at Dawn: The quality of the gas to be delivered to Union at Dawn (Facilities) or the gas to be delivered by Union to Shipper at Dawn (Facilities) hereunder is to be of a merchantable quality and in accordance with the quality standards and measurement standards as set out by Union in this Article II, except that total sulphur limit shall be not more than four hundred and sixty (460) milligrams per cubic metre of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.

6. Odourization of Gas:

- a. Union may odourize or deliver odourized gas under the Contract,
- b. Shipper shall if requested by Union monitor the mercaptan sulphur content of the gas delivered to Union under the Contract and shall provide at no cost to Union a continuous signal quantifying the mercaptan sulphur content in milligrams per cubic metre.

III. MEASUREMENTS

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.

2. Determination of Volume and Energy:

- a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "Act") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "Regulations"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.



- b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
- c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
- d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

**IV. RECEIPT POINT AND DELIVERY POINT**

The point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in Schedule 1 of the Contract, where possession of the gas changes from one party to the other.

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

- 1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
- 2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

- 1. Union Equipment: All of the Union Expansion Facilities shall remain the property of Union. Union shall be entitled to remove said equipment at any time within a period of sixty (60) days from any termination or expiry of the Contract. Shipper shall take all necessary steps to ensure Union may enter the Pool Station to remove such equipment for a period of sixty (60) days after termination or expiry of the Contract.
- 2. Shipper Obligations: Shipper shall, at Shipper's own cost and expense:
  - a. obtain the Pool Station Land Rights; and
  - b. furnish, install, set, and maintain suitable pressure and quantity control equipment and such additional equipment as required on Shipper's delivery system, to protect against the over pressuring of Union's facilities as set out in Article VI of the Contract and Schedule 1 of the Contract, protect Union from receiving gas not meeting the quality specification as set out in Article II herein, and to limit the daily flow of gas to the corresponding parameters as set out in the Article II of the Contract.
- 3. Maintenance Costs: Shipper shall within thirty (30) days of the delivery of an invoice by Union, reimburse Union for any actual costs reasonably incurred by Union for any repair, replacement, relocation, or upgrading of any meter station or any Union Expansion Facilities requested by Shipper, or as required by law or by duly constituted regulatory body, or through good engineering practice. Union shall be responsible for any costs incurred by Union to correct an error made by Union.

4. Operation and Maintenance: Subject to this Article VI Section 3, each party shall be fully responsible for the continued operation, maintenance, repair and replacement of its respective facilities. Both parties agree to maintain cathodic protection on their respective facilities.
5. Inspection: Each party shall inspect its facilities as required by industry standards or by the appropriate regulatory body.
6. Repair or Replacement: Each party shall decide, in its sole discretion, whether its facilities need to be repaired or replaced. In the event that repair or replacement is needed, the party undertaking such work will, to the extent possible, give the other party sixty (60) days' notice and will ensure that the work be done in a manner so as to minimize the amount of time the pipeline has restricted flows.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Custody Transfer Point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the Custody Transfer Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.

7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

**VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled under the Contract, Union shall have the right to amend its statements for a period equal to the time during which the Interconnecting Pipeline retains the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such

overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.
5. Set Off: If Shipper shall, at any time, be in arrears under any of its payment obligations to Union under the Contract, then Union shall be entitled to reduce the amount payable by Union to Shipper under the Contract or any other contract by an amount equal to the amount of such arrears or other indebtedness to Union. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.
6. Aid to Construction: Shipper agrees to reimburse Union for the Aid to Construction.

In the event Union has incurred costs, as set out herein, relative to the construction, installation or connection of the gas metering station prior to being notified by Shipper of Shipper's intention to terminate the Contract, Shipper shall promptly remit to Union such actual costs on presentation to Shipper of an invoice for same from Union.

All applicable Taxes will be applied to all amounts to be paid under this Section. Shipper warrants and represents that no payment to be made by Shipper under the Contract is subject to any withholding tax.

X. ARBITRATION

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

XI. FORCE MAJEURE

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and

any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.

2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm contract demand for the Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the C1 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Unforeseen Reduction: In addition to the definition of force majeure in Article XI, Section 1 herein, for the purposes of the Contract, it shall also include the unforeseen reduction in natural gas usage and/or capacity of the local transmission system as described in Schedule 1 of the Contract, regardless of the duration of such unforeseen reduction, or any other cause, whether of the kind herein enumerated or otherwise, not within the reasonable control of the party claiming relief hereunder and which, by the exercise of due diligence, such party is unable to prevent or overcome.

## XII. DEFAULT AND TERMINATION

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make

delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. RESERVED FOR FUTURE USE**

N/A

**XVII. RENEWALS**

The Contract will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper or Union may reduce the contract demands or terminate the Contract, with notice in writing to the other party, at least two (2) years prior to the expiration thereof.

**XVIII. SERVICE CURTAILMENT**

1. Capacity Sharing: Where requests for interruptible service hereunder exceed the capacity available for such Service, Union will authorize nominations from shippers and allocate capacity as per Union's procedures and policies and shippers shall be so advised. Any interruptible service provided herein are subordinate to any and all firm service supplied by Union, and subordinate to Union's own operational or system requirements.
2. Capacity Procedures: Union reserves the right to change its procedures and policies for sharing interruptible capacity and will provide Shipper with two (2) months' notice of any such change.

3. Maintenance: Union's facilities from time to time may require maintenance or construction. In the event that such event occurs and in Union's sole opinion, acting reasonably, may impact its ability to meet Shipper's requirements, Union shall provide at least ten (10) days' notice to the Shipper, except in the case of emergencies. In the event the maintenance impacts Union's ability to meet Shipper's requirements, Union shall not be liable for any damages and shall not be deemed to be in breach of the Contract. To the extent that Union's ability to receive or deliver gas is impaired, Demand Charge Relief shall be calculated and credited to Shipper's invoice in accordance with Article XI, Section 8 herein. Union shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Union will endeavour to schedule and complete the maintenance and construction, that can be scheduled and completed, and which would normally be expected to impact on Union's ability to meet its obligations of any Contract Year, during the period from April 1 through to October 31.
4. Shipper's Facilities: Shipper shall complete and maintain a plan which depicts all of Shipper's production storage facilities including all emergency shut off valves and emergency equipment and provide a copy to Union upon Union's request. Shipper shall provide to Union the names and telephone numbers of those persons whom Union may contact in the event of an emergency situation arising within the Shipper's facilities.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security), if any, shall remain in place throughout the term hereof unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances (including the Initial Financial Assurances and Security), if any, throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract for any reason (a "Material Event"), then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "Security"). In the event that Shipper does not provide to Union such Security, Union may deem a default in accordance with the provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

3. License: Shipper represents and warrants to Union that Shipper possesses all licenses and permits needed to inject gas into, store gas in, and remove gas from the pool.

**XX. MISCELLANEOUS PROVISIONS**

1. Assignment: Shipper may not assign the Contract without the written consent of Union and, if required, the approval of the OEB. Should Union consent to the assignment, and if OEB approval is needed, Union will apply for OEB approval with all costs of the application to be paid by Shipper.
2. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

XXI. PRECONDITIONS TO TRANSPORTATION SERVICES

1. Union Conditions: The obligations of Union to provide Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union; and,
  - e. Shipper shall have paid any amounts owing pursuant to Schedule 1 Aid to Construction; and,
  - f. With regard to the Union Expansion Facilities:
    - i. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations required to construct the Union Expansion Facilities;
    - ii. Union shall have obtained all internal approvals that are necessary or appropriate to construct the Union Expansion Facilities;
    - iii. Union shall have completed and placed into service the Union Expansion Facilities; and,
  - g. Shipper shall, at Shipper's own cost and expense, have obtained a registered lease or freehold ownership in Union's favour for the Union Expansion Facilities located at the Pool Station satisfactory to Union and sufficient to provide Union with free uninterrupted access to, from, under and above the Pool Station for a term (and extended terms) identical to the Contract, plus sixty (60) days (such land rights being referred to as the "**Pool Station Land Rights**"), and shall provide Union with a bona fide copy of such agreements prior to Union commencing the construction of the Union Expansion Facilities.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract; and,
  - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,



- c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfill the conditions precedent specified in this Article XXI Section 1 a, c, d, e, f i., f iii., and g and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

ENBRIDGE GAS INC.  
UNION SOUTH  
TRANSPORTATION RATES

**(A) Applicability**

The charges under this rate schedule shall be applicable to a distributor in Union South who is located east of Dawn and who enters into a contract with Enbridge for the transportation of gas for distribution to its customers. Transportation Services under this rate schedule is transportation on Enbridge's pipeline facilities from any Applicable Receipt Point to the distributor's delivery area.

Applicable Receipt Points

Dawn\*  
Kirkwall  
Parkway (TCPL)

\* Dawn as a receipt point: Dawn (TCPL), Dawn (Facilities) and Dawn (Vector).

**(B) Rates**

The identified rates represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**1. Monthly Charge**

A Monthly Charge shall be applied to each distributor and is applicable to such distributor's delivery area. Should a new delivery area be served under this rate schedule, a distributor specific charge would be established at that time.

	<u>Monthly Charge</u>
South Bruce	\$ 2,061.15

**2. Firm Transportation**

	<u>Monthly Demand Charge(s)</u> (applied to daily contract demand) <u>Rate/GJ</u>	<u>Fuel and Commodity Charges</u>					
		<u>Utility Supplied Fuel</u>			<u>Shipper Supplied Fuel</u>		
		<u>Fuel and Commodity Charge</u>		<u>Fuel Ratio</u>		<u>Commodity Charge</u>	
		Apr. 1-Oct.31	Nov. 1-Mar.31	Apr. 1-Oct.31	Nov. 1-Mar.31	AND	Rate/GJ
	<u>Rate/GJ</u>	<u>Rate/GJ</u>	<u>%</u>	<u>%</u>	<u>AND</u>	<u>Rate/GJ</u>	
Dawn to Delivery Area	\$4.569	\$0.012	\$0.028	0.337%	0.806%		
Kirkwall to Delivery Area or Dawn	\$2.803	\$0.006	\$0.006	0.167%	0.167%		
Parkway (TCPL) to Delivery Area or Dawn	\$2.803	\$0.011	\$0.006	0.316%	0.167%		
Facility Carbon Charge (applied to all quantities transported)		\$0.003	\$0.003			\$0.003	

**3. Authorized Overrun**

Authorized Overrun will be payable on all quantities transported in excess of Enbridge's contractual obligation on any day. The Authorized Overrun charges payable will be calculated at the following rates. Authorized Overrun will be authorized at Enbridge's sole discretion.

	<u>Fuel and Commodity Charges</u>					
	<u>Utility Supplied Fuel</u>			<u>Shipper Supplied Fuel</u>		
	<u>Fuel and Commodity Charge</u>		<u>Fuel Ratio</u>		<u>Commodity Charge</u>	
	Apr. 1-Oct.31	Nov. 1-Mar.31	Apr. 1-Oct.31	Nov. 1-Mar.31	AND	Rate/GJ
	<u>Rate/GJ</u>	<u>Rate/GJ</u>	<u>%</u>	<u>%</u>	<u>AND</u>	<u>Rate/GJ</u>
Dawn to Delivery Area	\$0.184	\$0.201	0.992%	1.461%		\$0.150
Kirkwall to Delivery Area or Dawn	\$0.120	\$0.120	0.822%	0.822%		\$0.092
Parkway (TCPL) to Delivery Area or Dawn	\$0.126	\$0.120	0.971%	0.822%		\$0.092
Facility Carbon Charge (applied to all quantities transported)		\$0.003	\$0.003			\$0.003

**4. Nomination Variances**

Nomination variances shall be handled in accordance with the applicable Limited Balancing Agreement.

**(C) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A".

**(D) Nominations**

Nominations under this rate schedule shall be in accordance with the attached Schedule "B".

**(E) Receipt and Delivery Points and Pressures**

Receipt and Delivery Points and Pressures under this rate schedule shall be in accordance with the attached Schedule "C".

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

**RATE M17  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Capitalized terms not defined herein shall have the meaning given to them in the associated M17 Transportation Agreement or M17 Rate Schedule, as applicable, and except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

**"Authorized Overrun"** shall mean the amount by which Shipper exceeds its Contract Demand; provided such exceedance is not incurred during a period of interruption;

**"Available Capacity"** shall mean at any time, Enbridge's remaining available capacity to provide Transportation Services;

**"Average Heat Value"** means the average forecasted heating value of all gas to be received by Enbridge for the applicable Delivery Area for the applicable period.

**"Business Day"** shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

**"Contract"** shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

**"Contract Year"** shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

**"cricondenthem hydrocarbon dewpoint"** shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

**"cubic metre"** shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

**"Day"** shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

**"delivery"** shall mean any gas that is delivered by Enbridge into Shipper's possession, or to the possession of Shipper's agent;

**"Delivery Area"** shall mean the area in which the applicable Shipper Delivery Point(s) is/are located;

**"Eastern Clock Time"** shall mean the local clock time in the Eastern Time Zone on any Day;

**"Expansion Facilities"** shall mean any new facilities to be constructed by Enbridge in order to provide Transportation Services;

**"firm"** shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

**"Firm Hourly Quantity"** means the maximum quantity of gas that may flow during any hourly period;

**"gas"** shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

## SCHEDULE "A"

"**gross heating value**" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

"**hydrocarbon dewpoint**" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

"**Interconnect Operating Agreement**" shall mean the interconnect operating agreement between Shipper and Enbridge required to facilitate the Transportation Services;

"**Interconnecting Pipeline**" shall mean a transportation pipeline that directly connects to the Enbridge pipeline system; provided however, that an interconnection to Enbridge's pipeline system for the purposes of receiving Transportation Services shall not classify Shipper as having an Interconnecting Pipeline.

"**Interruptible Service HUB Contract**" shall mean a contract between Shipper and Enbridge under which Enbridge provides interruptible HUB service;

"**interruptible service**" or "**Interruptible**" shall mean service subject to curtailment or interruption, after notice, at any time;

"**joule**" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "**megajoule**" (MJ) shall mean 1,000,000 joules. The term "**gigajoule**" (GJ) shall mean 1,000,000,000 joules;

"**Limited Balancing Agreement**" shall mean the limited balancing agreement between Shipper and Enbridge required to facilitate the Transportation Services;

"**m<sup>3</sup>**" shall mean cubic metre of gas and "**10<sup>3</sup>m<sup>3</sup>**" shall mean 1,000 cubic metres of gas;

"**Month**" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"**NAESB**" shall mean North American Energy Standards Board;

"**OEB**" means the Ontario Energy Board;

"**pascal**" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "**kilopascal**" (kPa) shall mean 1,000 pascals;

"**receipt**" shall mean any gas that is delivered into Enbridge's possession, or the possession of Enbridge's agent;

"**Shipper**" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

"**specific gravity**" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Taxes**" shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"**TCPL**" means TransCanada PipeLines Limited;

"**Unauthorized Overrun**" shall mean any amount in excess of the Contract Demand consumed during a period of interruption;

"**Wobbe Number**" shall mean gross heating value of the gas divided by the square root of its specific gravity.

II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Enbridge hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Enbridge hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Enbridge may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Enbridge may be a commingled supply from Enbridge's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Enbridge may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to/by Enbridge hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) mole percent of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) mole percent of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) mole percent of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) mole percent of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondentherm hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point five (47.5) megajoules per cubic metre of gas to fifty one point fourty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.
3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Enbridge hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Enbridge in this Article II, but, Enbridge will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in herein.

III. MEASUREMENTS

1. Transportation, and/or Unit: The unit of the gas delivered to Enbridge shall be a gigajoule. The unit of gas transported by Enbridge shall be a gigajoule. The unit of gas delivered by Enbridge shall be a gigajoule or a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>), at Enbridge's discretion.

2. Determination of Volume and Energy:

- a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "Act") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "Regulations"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
- b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Enbridge's discretion, all as amended from time to time.
- c. The volume and/or energy of the gas delivered to/by Enbridge hereunder shall be determined by the measurement equipment designated in Article VII herein.
- d. Upon request by Enbridge, Shipper shall obtain measurement of the total quantity of gas received by Enbridge hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Enbridge and the Interconnecting Pipeline.
- e. Where there is no site specific energy measurement, Enbridge's Average heat Value will be used to convert volumes to energy.

IV. RECEIPT POINT AND DELIVERY POINT

1. Unless otherwise specified in the Contract, the point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where possession of the gas changes from one party to the other as per Schedule "C".

V. POSSESSION OF AND RESPONSIBILITY FOR GAS

1. Possession of Gas: Enbridge accepts no responsibility for any gas prior to such gas being delivered to Enbridge at the Receipt Point or after its delivery by Enbridge at the Delivery Point. As between the parties hereto, Enbridge shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Enbridge's system until such gas is delivered to Shipper.
2. Liability: Shipper agrees that Enbridge is not a common carrier and is not an insurer of Shipper's gas, and that Enbridge shall not be liable to Shipper or any third party for loss of gas in Enbridge's possession, except to the extent such loss is caused entirely by Enbridge's negligence or wilful misconduct.

VI. FACILITIES ON SHIPPER'S PROPERTY

1. Construction and Maintenance: Enbridge may construct, maintain and operate on Shipper's property at the Delivery Point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas delivered under the Contract. Shipper will grant to Enbridge a lease and/or rights-of-way over property of Shipper as required by Enbridge to install such facilities and to connect same to Enbridge's pipeline.
2. Entry: Enbridge, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.

3. Property: The said station and equipment will be and remain the property of Enbridge notwithstanding it is constructed on and attached to the realty of Shipper, and Enbridge may remove it upon termination of the Contract and will do so if so requested by Shipper.

**VII. MEASURING EQUIPMENT**

1. Metering by Enbridge: Enbridge will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Enbridge hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Enbridge and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Enbridge on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Enbridge hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the Delivery Point such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Enbridge's measuring equipment at or near the Delivery Point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Enbridge's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Enbridge and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas by Enbridge under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of its owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Enbridge's measuring equipment shall be verified by Enbridge at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Enbridge shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Enbridge and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure at Delivery Point

In the event Enbridge's meter is out of service, or registered inaccurately, the volume or quantity of gas shall be determined by Enbridge as follows:

- a. by using the registration of any check meter or meter, if installed and accurately registering; or, in the absence of a. then;
- b. by correcting the error if the percentage of error is ascertainable by calibration, tests or mathematical calculation; or in the absence of both a. and b., then;



c. by estimating the quantity of gas delivered during periods under similar conditions when the meter was registering accurately.

**VIII. BILLING**

1. **Monthly Billing Date:** Enbridge shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Transportation Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Enbridge shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. **Right of Examination:** Both Enbridge and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. **Amendment of Statements:** For the purpose of completing a final determination of the actual quantities of gas handled in any of the Transportation Services to Shipper, the parties shall have the right to amend their statement for a period equal to the time during which the Interconnecting Pipeline retains the right to amend its statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. **Monthly Payments:** Shipper shall pay the invoiced amount directly into Enbridge's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Enbridge's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. **Remedies for Non-payment:** Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Enbridge interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Enbridge's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Enbridge, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Enbridge such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Enbridge, Shipper shall furnish financial assurances satisfactory to Enbridge, guaranteeing payment to Enbridge of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Enbridge shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Enbridge hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Enbridge under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Enbridge.

3. **Billing Adjustments:** If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Enbridge shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Enbridge's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Enbridge renders

a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Enbridge, such error shall be adjusted by Enbridge. Such overcharge, undercharge or error shall be adjusted by Enbridge on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Enbridge.
5. Set Off: If Shipper shall, at any time, be in arrears under any of its payment obligations to Enbridge under the Contract, then Enbridge shall be entitled to reduce the amount payable by it to Shipper under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to Enbridge. In addition to the foregoing remedy, Enbridge may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas in Enbridge's possession, which shall be deemed to have been assigned to Enbridge, to reduce such arrears or other indebtedness to Enbridge. Such gas shall be valued at the Day price for gas at Dawn as listed in Canadian Gas Price Reporter (or equivalent) for the Day of set off.

**X. ARBITRATION**

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

**XI. FORCE MAJEURE**

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Enbridge is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which

it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.

4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Enbridge's system will excuse the failure to deliver gas by Enbridge or the failure to accept gas by Enbridge hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Enbridge's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Enbridge is prevented, by reason of an event of force majeure on Enbridge's system from delivering gas on the Day or Days upon which Enbridge has accepted gas from Shipper, Enbridge shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Enbridge. If Enbridge accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Enbridge fails to accept gas from Shipper by reason of an event of force majeure on Enbridge's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly Demand Charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Enbridge during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly Demand Charge or equivalent pursuant to the M17 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Proration of Firm Transportation Services: If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Enbridge is impaired, it will be necessary for Enbridge to curtail Shipper's gas receipts to Enbridge hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Enbridge to in-franchise customers and ex-franchise shippers.

**XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Enbridge hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

**XIII. AMENDMENT**

Subject to Article XV herein and the ability of Enbridge to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Enbridge.

**XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Enbridge to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. *intentionally blank***

**XVII. RENEWALS**

Contracts with an Initial Term of five (5) years or greater will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper may reduce the Contract Demand or terminate the Contract with notice in writing by Shipper at least two (2) years prior to the expiration thereof.

**XVIII. SERVICE CURTAILMENT**

1. Right to Curtail: Enbridge shall have the right to curtail or not to schedule part or all of Transportation Services, in whole or in part, on all or a portion of its pipeline system at any time for reasons of force majeure or when, in Enbridge sole discretion, acting reasonably, capacity or operating conditions so require or it is desirable or necessary to make modifications, repairs or operating changes to its pipeline system. Enbridge shall provide Shipper such notice of such curtailment as is reasonable under the circumstances. If due to any cause whatsoever Enbridge is unable to receive or deliver the quantities of Gas which Shipper has requested, then Enbridge shall order curtailment by all Shippers affected and to the extent necessary to remove the effect of the disability. Enbridge has a priority of service policy to determine the order of service curtailment. In order to place services on the priority of service list, Enbridge considers the following business principles: appropriate level of access to core services, customer commitment, encouraging appropriate contracting, materiality, price and term, and promoting and enabling in-franchise consumption.

The Priority ranking for all services utilizing Enbridge's storage, transmission and distribution system as applied to both in-franchise and ex-franchise services are as follows; with number 1 having the highest priority and the last interrupted.

1. Firm In-franchise Transportation and Distribution services and firm Ex-franchise services (Note 1)
2. In-franchise Interruptible Distribution services
3. C1/M12 IT Transport and IT Exchanges with Take or Pay rates
4. Balancing (Hub Activity) < = 100 GJ/d; Balancing (Direct Purchase) < = 500 GJ/d; In-franchise distribution authorized overrun (Note 3)
5. C1/M12 IT Transport and IT Exchanges at premium rates
6. C1/M12/M17 Overrun < = 20% of CD (Note 4)
7. Balancing (Direct Purchase) > 500 GJ/d
8. Balancing (Hub Activity) > 100 GJ/d; C1/M12 IT Transport and IT Exchanges

9. C1/M12/M17 Overrun > 20% of CD
10. C1/M12 IT Transport and IT Exchanges at a discount
11. Late Nominations

Notes:

1. Nominated services must be nominated on the NAESB Timely Nomination Cycle otherwise they are considered to be late nomination and are therefore interruptible.
2. Higher value or more reliable IT is contemplated in the service and contract, when purchase at market competitive prices.
3. Captures the majority of customers that use Direct Purchase balancing transactions.
4. Captures the majority of customers that use overrun.

2. Capacity Procedures: Enbridge reserves the right to change its procedures for sharing interruptible capacity and will provide Shipper with two (2) months prior notice of any such change.
3. Maintenance: Enbridge's facilities from time to time may require maintenance or construction. If such maintenance or construction is required, and in Enbridge's sole opinion, acting reasonably, such maintenance or construction may impact Enbridge's ability to meet Shipper's requirements, Enbridge shall provide at least ten (10) days' notice to Shipper, except in the case of an emergency. In the event the maintenance impacts Enbridge's ability to meet Shipper's requirements, Enbridge shall not be liable for any damages and shall not be deemed in breach of the Contract. To the extent that Enbridge's ability to accept and/or deliver Shipper's gas is impaired, the Monthly Demand Charge shall be reduced in accordance with Article XI Section 8 and available capacity allocated in accordance with Article XI Section 9 herein.

Enbridge shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Enbridge will endeavour to schedule and complete the maintenance and construction, which would normally be expected to impact on Enbridge's ability to meet Shipper's requirements, during the period from April 1 through to November 1.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreement, Interconnect Operating Agreement and Limited Balancing Agreement.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security) (if any) shall remain in place throughout the term hereof, unless Shipper and Enbridge agree otherwise. Shipper shall notify Enbridge in the event of any change to the financial assurances throughout the term hereof. Should Enbridge have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract as a result of one of the following events ("**Material Event**");
  - a. Shipper is in default, which default has not been remedied, of the Contract or is in default of any other material contract with Enbridge or another party; or,
  - b. Shipper's corporate or debt rating falls below investment grade according to at least one nationally recognized rating agency; or,
  - c. Shipper ceases to be rated by a nationally recognized agency; or,
  - d. Shipper has exceeded credit available as determined by Enbridge from time to time,

then Shipper shall within fourteen (14) days of receipt of written notice by Enbridge, obtain and provide to Enbridge a letter of credit or other security in the form and amount reasonably required by Enbridge (the "**Security**"). The Security plus the Initial Financial Assurances shall not exceed twelve (12) months of Monthly Demand Charges (in accordance with Article IX

herein) multiplied by Contract Demand. In the event that Shipper does not provide to Enbridge such Security within such fourteen (14) day period, Enbridge may deem a default under the Default and Termination provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Enbridge and to the extent that the Material Event has been mitigated or eliminated, Enbridge shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after receipt of the request.

**XX. MISCELLANEOUS PROVISIONS**

1. Permanent Assignment: Shipper may assign the Contract to a third party ("**Assignee**"), up to the Contract Demand, (the "**Capacity Assigned**"). Such assignment shall require the prior written consent of Enbridge and release of obligations by Enbridge for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Temporary Assignment: Shipper may, upon notice to Enbridge, assign all or a part of its service entitlement under the Contract (the "**Assigned Quantity**") and the corresponding rights and obligations to an Assignee on a temporary basis for not less than one calendar month. Such assignment shall not be unreasonably withheld and shall be conditional upon the Assignee executing a Facilitating Agreement. Notwithstanding such assignment, Shipper shall remain obligated to Enbridge to perform and observe the covenants and obligations contained herein in regard to the Assigned Quantity to the extent that Assignee fails to do so.
3. Title to Gas: Shipper represents and warrants to Enbridge that Shipper shall have good and marketable title to, or legal authority to deliver to Enbridge, all gas delivered to Enbridge hereunder. Furthermore, Shipper hereby agrees to indemnify and save Enbridge harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.
4. Limited Balancing Agreement and Interconnect Operating Agreement: Shipper shall be required to have a Limited Balancing Agreement and Interconnect Operating Agreement with Enbridge to enable the provision of Transportation Services, such agreement to expire no earlier than the day the Contract expires.

**XXI. PRECONDITIONS TO TRANSPORTATION SERVICES**

This Article XXI is only applicable if Enbridge and Shipper have not entered into a precedent agreement related to the Transportation Services.

1. Enbridge Conditions: The obligations of Enbridge to provide Transportation Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Enbridge and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Enbridge shall have obtained, in form and substance satisfactory to Enbridge, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Transportation Services;
  - b. Enbridge shall have obtained all internal approvals that are necessary or appropriate to provide the transportation Services;
  - c. Enbridge shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Enbridge; and,

- d. Shipper and Enbridge shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**"), a Limited Balancing Agreement and an Interconnect Operating Agreement.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
    - a. Shipper shall, as required, have entered into the necessary contracts with Enbridge and/or others to facilitate the Transportation Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement, Interconnect Operating Agreement and Limited Balancing Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract;
    - b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
    - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
  3. Satisfaction of Conditions: Enbridge and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, and d and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
  4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

**RATE M17  
NOMINATIONS**

1. For Transportation Services required on any Day under the Contract, Shipper shall provide Enbridge with details regarding the quantity of gas it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Enbridge determines to be necessary (a "**Nomination**").
2. All Nominations shall be submitted by electronic means via *Unionline*. Enbridge, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Enbridge in accordance with timelines established by Enbridge, which reflect the NAESB standard nomination cycles. Enbridge will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Enbridge. The nomination cycle timelines are posted on Enbridge's website and the nomination deadlines are provided in *Unionline*.
3. Enbridge shall determine whether or not all or any portion of the Nomination will be scheduled at each nomination cycle. With respect to each nomination cycle, in the event Enbridge determines that it will not schedule such Nomination, Enbridge shall advise Shipper of the reduced quantity (the "**Quantities Available**") for Transportation Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Enbridge, but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a revised nomination ("**Revised Nomination**") to Enbridge which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantities Available, then the Revised Nomination shall be deemed to be the Quantities Available. If the Revised Nomination (delivered with the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
4. For Transportation Services requiring Shipper to provide compressor fuel in kind, the nominated fuel requirements will be calculated by rounding to the nearest whole GJ.
5. All Timely Nominations shall have rollover options. Specifically, Shippers shall have the ability to nominate for several days, months or years, provided the Nomination start date and end date are within the term of the Transportation Agreement.
6. Nominations received after the nomination deadline shall, if accepted by Enbridge, be scheduled after Nominations received before the nomination deadline.
7. All Transportation Services are required to be nominated in whole Gigajoules (GJ).
8. To the extent Enbridge is unable to complete a Nomination confirmation due to inaccurate, untimely or incomplete data involving an Interconnecting Pipeline entity, Enbridge shall undertake reasonable efforts to confirm the transaction on a non-discriminatory basis until such time that the transaction is adequately verified by the parties, or until such time that Enbridge determines that the Nomination is invalid at which time the Enbridge shall reject the Nomination.
9. The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Enbridge shall use reasonable efforts to take receipt of gas on any Day at an hourly rate of flow up to one twentieth (1/20<sup>th</sup>) of the quantity received for that Day. Enbridge shall have the right to limit Transportation Services when on any Day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20<sup>th</sup>) of the quantity handled for that Day, for each applicable Transportation Service.
10. The parties hereto recognize that with respect to Transportation Services, on any day, receipts of gas by Enbridge and deliveries of gas by Enbridge may not always be exactly equal, but each party shall cooperate with the other in order to balance as nearly as possible the quantities transacted on a daily basis, and any imbalances arising shall be allocated



SCHEDULE "B"

to the Limited Balancing Agreement and shall be subject to the respective terms and charges contained therein, and shall be resolved in a timely manner.

11. Shipper may designate via *Unionline* access request form, a third party as agent for purposes of providing a Nomination, and for giving and receiving notices related to Nominations, and Enbridge shall only accept nominations from the agent. Any such designation, if acceptable to Enbridge, shall be effective following the receipt and processing of the written notice and will remain in effect until revoked in writing by Shipper.

**RATE M17  
RECEIPT AND DELIVERY POINTS AND PRESSURES**

**1. Receipt Points**

The following defines each Receipt Point:

- DAWN (FACILITIES):** Enbridge's Compressor Station site situated in the northwest corner of Lot Twenty-Five (25), Concession II, in the Township of Dawn-Euphemia, in the County of Lambton.
- DAWN (TCPL):** At the junction of Enbridge's and TCPL's facilities, at or adjacent to Dawn (Facilities).
- DAWN (VECTOR):** At the junction of Enbridge's and Vector Pipeline Limited Partnership's ("Vector") facilities, at or adjacent to Dawn (Facilities)
- PARKWAY (TCPL):** At the junction of Enbridge's and TCPL's facilities, at or adjacent to Enbridge's facilities situated in the Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga)
- KIRKWALL:** At the junction of Enbridge's and TCPL's facilities at or adjacent to Enbridge's facilities situated in Part Lot Twenty-Five (25), Concession 7, Town of Flamborough.

**2. Delivery Points:**

Delivery Points will be as set out in Schedule 1 of the Contract.

**3. Receipt and Delivery Pressures:**

(a) All gas tendered by or on behalf of Shipper to Enbridge shall be tendered at the Receipt Point at Enbridge's prevailing pressure at that Receipt Point, or at such pressure as per operating agreements between Enbridge and the applicable Interconnecting Pipeline, as amended or restated from time to time.

(b) All gas tendered by or on behalf of Enbridge to Shipper shall be tendered at the Delivery Point at such pressure as per the Interconnect Agreement between Enbridge and Shipper, as amended or restated from time to time.

(c) Under no circumstances shall Enbridge be obligated to receive gas hereunder at pressures exceeding the maximum allowable operating pressures prescribed under any applicable governmental regulations; nor shall Enbridge be required to make any physical deliveries or to accept any physical receipts which its existing facilities cannot accommodate.

ENBRIDGE GAS INC.  
UNION SOUTH  
CROSS FRANCHISE TRANSPORTATION RATES

**(A) Applicability**

To a Shipper who enters into a Contract with Union for delivery by Shipper of gas to Union at one of Union's points listed below for redelivery by Union to Shipper at one of Union's points.

<u>Applicable Points</u>	(1)	(2)
	Ojibway	WDA
	St. Clair	NDA
	Dawn*	SSMDA
	Parkway	SWDA
	Kirkwall	CDA
	Bluewater	EDA

\*Dawn as a receipt point: Dawn (TCPL), Dawn (Facilities), Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE).

\*Dawn as a delivery point: Dawn (Facilities).

**(B) Services**

Transportation Service under this rate schedule is transportation on Union's pipeline facilities between any two Points as specified in Section (A), column 1.

**(C) Rates**

The identified rates (excluding gas supply charges, if applicable) represent maximum prices for service. These rates may change periodically. Multi-year prices may also be negotiated, which may be higher than the identified rates.

**Transportation Service (1):**

	Monthly Demand <u>Charges</u> (applied to daily contract demand) <u>Rate/GJ</u>	<u>Fuel and Commodity Charges</u>					
		<u>Union Supplied Fuel</u>		<u>Shipper Supplied Fuel</u>			
		<u>Fuel and Commodity Charge</u>		<u>Fuel Ratio</u>		<u>Commodity Charge</u> <u>Rate/GJ</u>	
		<u>Apr.1-Oct.31</u> <u>Rate/GJ</u>	<u>Nov.1-Mar.31</u> <u>Rate/GJ</u>	<u>Apr.1-Oct.31</u> <u>%</u>	<u>Nov.1-Mar.31</u> <u>%</u>		<u>AND</u>
a) Firm Transportation							
Between:							
St.Clair & Dawn	\$2.418	\$0.008	\$0.010	0.219%	0.282%		
Ojibway & Dawn	\$2.418	\$0.016	\$0.011	0.474%	0.322%		
Bluewater & Dawn	\$2.418	\$0.008	\$0.010	0.219%	0.282%		
From:							
Parkway to Kirkwall	\$0.871	\$0.011	\$0.006	0.316%	0.167%		
Parkway to Dawn	\$0.871	\$0.011	\$0.006	0.316%	0.167%		
Kirkwall to Dawn	\$1.536	\$0.006	\$0.006	0.167%	0.167%		
Dawn to Kirkwall	\$3.130	\$0.012	\$0.028	0.337%	0.806%		
Dawn to Parkway	\$3.689	\$0.021	\$0.038	0.615%	1.099%		
Kirkwall to Parkway	\$0.559	\$0.015	\$0.016	0.445%	0.459%		
b) Firm Transportation between two points within Dawn							
Dawn to Dawn-Vector	\$0.031	n/a	n/a	0.360%	0.167%		
Dawn to Dawn-TCPL	\$0.146	n/a	n/a	0.167%	0.373%		
c) Interruptible Transportation between two points within Dawn*							
*includes Dawn (TCPL), Dawn Facilities, Dawn (Tecumseh), Dawn (Vector) and Dawn (TSLE)				0.167%	0.167%		
d) Carbon Charge (applied to all quantities transported)							
Facility Carbon Charge		\$0.003	\$0.003			\$0.003	
e) Interruptible and Short Term (1 year or less) Firm Transportation:		\$75.00					

**Authorized Overrun:**

The following Overrun rates are applied to any quantities transported in excess of the Contract parameters. Overrun will be authorized at Union's sole discretion. Authorized overrun for short-term firm transportation is available at negotiated rates.

	Union Supplied Fuel		Shipper Supplied Fuel		
	Fuel and Commodity Charge		Fuel Ratio		Commodity Charge
	Apr.1-Oct.31	Nov.1-Mar.31	Apr.1-Oct.31	Nov.1-Mar.31	
	Rate/GJ	Rate/GJ	%	%	Rate/GJ
a) Firm Transportation					
Between:					
St.Clair & Dawn	\$0.087	\$0.089	0.219%	0.282%	\$0.079
Ojibway & Dawn	\$0.096	\$0.091	0.474%	0.322%	\$0.079
Bluewater & Dawn	\$0.087	\$0.089	0.219%	0.282%	\$0.079
From:					
Parkway to Kirkwall	\$0.155	\$0.150	0.971%	0.822%	\$0.121
Parkway to Dawn	\$0.155	\$0.150	0.971%	0.822%	\$0.121
Kirkwall to Dawn	\$0.079	\$0.079	0.822%	0.822%	\$0.050
Dawn to Kirkwall	\$0.137	\$0.153	0.992%	1.461%	\$0.103
Dawn to Parkway	\$0.165	\$0.182	1.270%	1.753%	\$0.121
Kirkwall to Parkway	\$0.056	\$0.057	1.099%	1.114%	\$0.018
b) Firm Transportation between two points within Dawn					
Dawn to Dawn-Vector	n/a	n/a	0.360%	0.167%	\$0.001
Dawn to Dawn-TCPL	n/a	n/a	0.167%	0.373%	\$0.005
c) Carbon Charge (applied to all quantities transported)					
Facility Carbon Charge	\$0.003	\$0.003			\$0.003

**Unauthorized Overrun:**

The Unauthorized Overrun rate shall be the higher of the reported daily spot price of gas at either, Dawn, Parkway, Niagara, Iroquois or Chicago in the month of or the month following the month in which the overrun occurred plus 25% for all usage on any day in excess of 102% of Union's contractual obligation.

Notes for Section (C) Rates:

- (1) A demand charge of \$0.074/GJ/day/month will be applicable to customers contracting for firm all day transportation service in addition to the demand charges appearing on this schedule for all firm transportation service paths.

**(D) Terms of Service**

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A" for contracts in effect before October 1, 2010. The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A 2010" for contracts in effect on or after October 1, 2010.

**(E) Nominations**

Nominations under this rate schedule shall be in accordance with the attached Schedule "B" for contracts in effect before October 1, 2010. Nominations under this rate schedule shall be in accordance with the attached Schedule "B 2010" for contracts in effect on or after October 1, 2010.

**(F) Receipt and Delivery Points and Pressures**

Receipt and Delivery Points and Pressures under this rate schedule shall be in accordance with Schedule "C 2010" for contracts in effect on or after October 1, 2010.

Effective January 1, 2022  
Implemented January 1, 2022  
O.E.B. Order # EB-2021-0147

Supersedes EB-2020-0181 Rate Schedule effective July 1, 2021.

**UNION SOUTH - RATE C1  
GENERAL TERMS & CONDITIONS**

**I. DEFINITIONS**

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

1. "Contract" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;
2. "cubic metre" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
3. "day" shall mean a period of twenty-four (24) consecutive hours beginning at 9:00 a.m. Central Standard time. The reference date for any day shall be the calendar date upon which the twenty-four (24) hour period shall commence;
4. "delivery" shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;
5. "firm" shall mean service not subject to curtailment or interruption except under Articles XI and XII of this Schedule "A";
6. "gas" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;
7. "gross heating value" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;
8. "interruptible service" shall mean service subject to curtailment or interruption, after notice, at any time;
9. "Interconnecting Pipeline" shall mean a pipeline that directly connects to the Union pipeline system;
10. "joule" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "megajoule" (MJ) shall mean 1,000,000 joules. The term "gigajoule" (GJ) shall mean 1,000,000,000 joules;
11. "limited interruptible service" shall mean gas service subject to interruption or curtailment on a limited number of days as specified in the Contract;
12. "m<sup>3</sup>" shall mean cubic metre of gas and "10<sup>3</sup>m<sup>3</sup>" shall mean 1,000 cubic metres of gas;
13. "month" shall mean the period beginning at 9:00 a.m. Central Standard time on the first day of a calendar month and ending at 9:00 a.m. Central Standard time on the first day of the following calendar month;
14. "OEB" means the Ontario Energy Board;
15. "pascal" (Pa) shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" (kPa) shall mean 1,000 pascals;
16. "receipt" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;
17. "Shipper" shall have the meaning as defined in the Contract and shall also include Shipper's agent(s);

18. "TCPL" means TransCanada PipeLines Limited;
19. "cricondenthem hydrocarbon dewpoint" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;
20. "hydrocarbon dewpoint" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;
21. "specific gravity" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;
22. "Wobbe Number" shall mean gross heating value of the gas divided by the square root of its specific gravity;
23. "Union" shall mean Enbridge Gas Inc. operating as Union Gas.

## II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to compression, dehydration, cooling, cleaning and other processes.
2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.

## SCHEDULE "A"

3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's C1 Rate Schedule.

### III. MEASUREMENTS

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.
  - c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
  - d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

### IV. RECEIPT POINT AND DELIVERY POINT

1. Unless otherwise specified in the Contract, the point or points of receipt for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where Union takes possession of the gas.
2. Unless otherwise specified in the Contract, the point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection as specified in the Contract where Shipper takes possession of the gas.

### V. POSSESSION OF AND RESPONSIBILITY FOR GAS

*Intentionally blank*

### VI. FACILITIES ON SHIPPER'S PROPERTY

## SCHEDULE "A"

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Union's Parkway Point of Delivery, or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

## VII. MEASURING EQUIPMENT

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.
2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by their regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two per cent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.



## SCHEDULE "A"

6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

### VIII. BILLING

1. Monthly Billing Date: Union shall render bills on or before the 10th day of each month for all services furnished during the preceding month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the 10th day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.

### IX. PAYMENTS

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a business day, then payment must be received in Union's account on the first business day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment.
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend service(s) until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend service(s) because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing paragraph(s), Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such

overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "bill" next following shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within six (6) years from the date of the incorrect billing. In the event any refund is issued with Shipper's gas bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.

X. ARBITRATION

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act of the Province of Ontario, or any act passed in amendment thereof or substitution thereof, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

XI. FORCE MAJEURE

1. The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.

## SCHEDULE "A"

5. An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.
6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "Daily Demand Rate" shall mean the Monthly demand charge or equivalent pursuant to the C1 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

## XII. DEFAULT AND TERMINATION

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI hereof) which has not been waived by the other party, then and in every such case and as often as the same may happen, the Non-defaulting party may give written notice to the Defaulting party requiring it to remedy such default and in the event of the Defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the Non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

## XIII. MODIFICATION

Subject to Union's C1 Rate Schedule, Schedule A, Article XV and the ability of Union to amend the C1 Rate Schedule with the approval of the OEB, no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

## XIV. NON-WAIVER AND FUTURE DEFAULT

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XV. LAWS, REGULATIONS AND ORDERS

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

UNION SOUTH - RATE C1  
GENERAL TERMS & CONDITIONS

I. DEFINITIONS

Except where the context expressly requires or states another meaning, the following terms, when used in these General Terms & Conditions and in any contract into which these General Terms & Conditions are incorporated, shall be construed to have the following meanings:

"**Authorized Overrun**" shall mean the amount by which Shipper's Authorized Quantity exceeds the Contract Demand;

"**Available Capacity**" shall mean at any time, Union's remaining available capacity to provide Transportation Services;

"**Business Day**" shall mean any day, other than Saturday, Sunday or any days on which national banks in the Province of Ontario are authorized to close;

"**Contract**" shall refer to the Contract to which these General Terms & Conditions shall apply, and into which they are incorporated;

"**Contract Year**" shall mean a period of three hundred and sixty-five (365) consecutive days; provided however, that any such period which contains a date of February 29 shall consist of three hundred and sixty-six (366) consecutive days, commencing on November 1 of each year; except for the first Contract Year which shall commence on the Commencement Date and end on the first October 31 that follows such date;

"**cricondenthem hydrocarbon dewpoint**" shall mean the highest hydrocarbon dewpoint temperature on the phase envelope;

"**cubic metre**" shall mean the volume of gas which occupies one cubic metre when such gas is at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Day**" shall mean a period of twenty-four (24) consecutive hours beginning at 10:00 a.m. Eastern Clock Time. The reference date for any Day shall be the calendar date upon which the twenty-four (24) hour period shall commence;

"**delivery**" shall mean any gas that is delivered by Union into Shipper's possession, or to the possession of Shipper's agent;

"**Eastern Clock Time**" shall mean the local clock time in the Eastern Time Zone on any Day;

"**Expansion Facilities**" shall mean any new facilities to be constructed by Union in order to provide Transportation Services;

"**firm**" shall mean service not subject to curtailment or interruption except under Articles XI, XII and XVIII herein;

"**gas**" shall mean gas as defined in the Ontario Energy Board Act, 1998, S.O. 1998, c.15, Sch. B, as amended, supplemented or re-enacted from time to time;

"**gross heating value**" shall mean the total heat expressed in megajoules per cubic metre (MJ/m<sup>3</sup>) produced by the complete combustion at constant pressure of one (1) cubic metre of gas with air, with the gas free of water vapour and the temperature of the gas, air and products of combustion at standard temperature and all water formed by the combustion reaction condensed to the liquid state;

"**hydrocarbon dewpoint**" shall mean temperature at a specific pressure where hydrocarbon vapour condensation begins;

"**Interruptible Service HUB Contract**" shall mean a contract between Shipper and Union under which Union provides interruptible HUB service;

"**interruptible service**" or "**Interruptible**" shall mean service subject to curtailment or interruption, after notice, at any time;

"**Interconnecting Pipeline**" shall mean a pipeline that directly connects to the Union pipeline system;

"**joule**" (J) shall mean the work done when the point of application of a force of one (1) newton is displaced a distance of one (1) metre in the direction of the force. The term "**megajoule**" (MJ) shall mean 1,000,000 joules. The term "**gigajoule**" (GJ) shall mean 1,000,000,000 joules;

"**Limited Firm**" shall mean gas service subject to interruption or curtailment on a limited number of Days as specified in the Contract;

"**Loaned Quantities**" shall mean those quantities of gas loaned to Shipper under the Facilitating Agreement;

"**m<sup>3</sup>**" shall mean cubic metre of gas and "**10<sup>3</sup>m<sup>3</sup>**" shall mean 1,000 cubic metres of gas;

"**Month**" shall mean the period beginning at 10:00 a.m. Eastern Clock Time on the first day of a calendar month and ending at 10:00 a.m. Eastern Clock Time on the first day of the following calendar month;

"**NAESB**" shall mean North American Energy Standards Board;

"**OEB**" means the Ontario Energy Board;

"**Open Season**" or "**open season**" shall mean an open access auction or bidding process held by Union as a method of allocating capacity;

"**pascal**" ("**Pa**") shall mean the pressure produced when a force of one (1) newton is applied to an area of one (1) square metre. The term "kilopascal" ("**kPa**") shall mean 1,000 pascals;

"**receipt**" shall mean any gas that is delivered into Union's possession, or the possession of Union's agent;

"**Shipper**" shall have the meaning as defined in the Contract, and shall also include Shipper's agent(s);

"**specific gravity**" shall mean density of the gas divided by density of air, with both at a temperature of 15 degrees Celsius, and at a pressure of 101.325 kilopascals absolute;

"**Taxes**" shall mean any tax (other than tax on income or tax on property), duty, royalty, levy, license, fee or charge not included in the charges and rates as per the applicable rate schedule (including but not limited to charges under any form of cap and trade, carbon tax, or similar system) and that is levied, assessed or made by any governmental authority on the gas itself, or the act, right, or privilege of producing, severing, gathering, storing, transporting, handling, selling or delivering gas under the Contract;

"**TCPL**" means TransCanada PipeLines Limited;

"**Union**" shall mean Enbridge Gas Inc. operating as Union Gas;

"**Wobbe Number**" shall mean gross heating value of the gas divided by the square root of its specific gravity.

## II. GAS QUALITY

1. Natural Gas: The minimum gross heating value of the gas delivered to/by Union hereunder, shall be thirty-six (36) megajoules per cubic metre. The maximum gross heating value of the gas delivered to/by Union hereunder shall be forty point two (40.2) megajoules per cubic metre. The gas to be delivered hereunder to Union may be a commingled supply from Shipper's gas sources of supply. The gas to be delivered by Union may be a commingled supply from Union's sources of gas supply; provided, however, that helium, natural gasoline, butane, propane and other hydrocarbons, except methane, may be removed prior to delivery to Shipper. Further, Union may subject, or permit the subjection of, the gas to

compression, dehydration, cooling, cleaning and other processes.

2. Freedom from objectionable matter: The gas to be delivered to/by Union hereunder,
  - a. shall be commercially free from bacteria, sand, dust, gums, crude oils, lubricating oils, liquids, chemicals or compounds used in the production, treatment, compression or dehydration of the gas or any other objectionable substance in sufficient quantity so as to render the gas toxic, unmerchantable or cause injury to, or interference with, the proper operation of the lines, regulators, meters or other appliances through which it flows,
  - b. shall not contain more than seven (7) milligrams of hydrogen sulphide per cubic metre of gas, nor more than four hundred and sixty (460) milligrams of total sulphur per cubic metre of gas,
  - c. shall not contain more than five (5) milligrams of mercaptan sulphur per cubic metre of gas,
  - d. shall not contain more than two point zero (2.0) molar percent by volume of carbon dioxide in the gas,
  - e. shall not contain more than zero point four (0.4) molar percent by volume of oxygen in the gas,
  - f. shall not contain more than zero point five (0.5) molar percent by volume of carbon monoxide in the gas,
  - g. shall not contain more than four point zero (4.0) molar percent by volume of hydrogen in the gas,
  - h. shall not contain more than sixty-five (65) milligrams of water vapour per cubic metre of gas,
  - i. shall not have a cricondenthem hydrocarbon dewpoint exceeding minus eight (-8) degrees Celsius,
  - j. shall have Wobbe Number from forty seven point fifty (47.50) megajoules per cubic metre of gas to fifty one point forty six (51.46) megajoules per cubic metre of gas, maximum of one point five (1.5) mole percent by volume of butane plus (C4+) in the gas, and maximum of four point zero (4.0) mole percent by volume of total inerts in the gas in order to be interchangeable with other Interconnecting Pipeline gas.
3. Non-conforming Gas: In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in this Article II.
4. Quality of Gas Received: The quality of the gas to be received by Union hereunder is to be of a merchantable quality and in accordance with the quality standards as set out by Union in this Article II, but, Union will also accept gas of a quality as set out in any other Interconnecting Pipeline's general terms and conditions, provided that all Interconnecting Pipelines accept such quality of gas. In addition to any other right or remedy of a party, each party shall be entitled to refuse to accept delivery of any gas which does not conform to any of the specifications set out in Union's C1 Rate Schedule.

### III. MEASUREMENTS

1. Storage, Transportation, and/or Sales Unit: The unit of the gas delivered to Union shall be a megajoule or a gigajoule. The unit of gas transported or stored by Union shall be a megajoule or a gigajoule. The unit of gas delivered by Union shall be a megajoule, a gigajoule, a cubic metre (m<sup>3</sup>) or one thousand cubic metres (10<sup>3</sup>m<sup>3</sup>) at Union's discretion.
2. Determination of Volume and Energy:
  - a. The volume and energy amounts determined under the Contract shall be determined in accordance with the Electricity and Gas Inspection Act (Canada), RSC 1985, c E-4- (the "**Act**") and the Electricity and Gas Inspection Regulations, SOR 86/131 (the "**Regulations**"), and any documents issued under the authority of the Act and Regulations and any amendments thereto.
  - b. The supercompressibility factor shall be determined in accordance with either the "Manual for Determination of Supercompressibility Factors for Natural Gas" (PAR Project NX-19) published in 1962 or with American Gas

Association Transmission Measurement Committee Report No. 8, Nov. 1992, at Union's discretion, all as amended from time to time.

- c. The volume and/or energy of the gas delivered to/by Union hereunder shall be determined by the measurement equipment designated in Article VII herein.
- d. Upon request by Union, Shipper shall obtain measurement of the total quantity of gas received by Union hereunder from the Interconnecting Pipeline. Such measurement shall be done in accordance with established practices between Union and the Interconnecting Pipeline.

**IV. RECEIPT POINT AND DELIVERY POINT**

1. Unless otherwise specified in the Contract, the point or points of receipt and point or points of delivery for all gas to be covered hereunder shall be on the outlet side of the measuring stations located at or near the point or points of connection specified in the Contract, where possession of the gas changes from one party to the other, and as per Schedule "C 2010".

**V. POSSESSION OF AND RESPONSIBILITY FOR GAS**

1. Possession of Gas: Union accepts no responsibility for any gas prior to such gas being delivered to Union at the Receipt Point or after its delivery by Union at the Delivery Point. As between the parties hereto, Union shall be deemed to be in control and possession of and responsible for all such gas from the time that such gas enters Union's system until such gas is delivered to Shipper.
2. Liability: Shipper agrees that Union is not a common carrier and is not an insurer of Shipper's gas, and that Union shall not be liable to Shipper or any third party for loss of gas in Union's possession, except to the extent such loss is caused entirely by Union's negligence or wilful misconduct.

**VI. FACILITIES ON SHIPPER'S PROPERTY**

Except under those conditions where Union is delivering to TCPL for TCPL or Shipper at Parkway (TCPL), or to an Interconnecting Pipeline, or where otherwise specified in the Contract, the following will apply:

1. Construction and Maintenance: Union, at its own expense may construct, maintain and operate on Shipper's property at the delivery point a measuring station properly equipped with a meter or meters and any other necessary measuring equipment for properly measuring the gas redelivered under the Contract. Shipper will grant to Union a lease and/or rights-of-way over property of Shipper as required by Union to install such facilities and to connect same to Union's pipeline.
2. Entry: Union, its servants, agents and each of them may at any reasonable time on notice (except in cases of emergency) to Shipper or his duly authorized representative enter Shipper's property for the purpose of constructing, maintaining, removing, operating and/or repairing station equipment.
3. Property: The said station and equipment will be and remain the property of Union notwithstanding it is constructed on and attached to the realty of Shipper, and Union may at its own expense remove it upon termination of the Contract and will do so if so requested by Shipper.

**VII. MEASURING EQUIPMENT**

1. Metering by Union: Union will install and operate meters and related equipment as required and in accordance with the Act and Regulations referenced in Article III herein.



2. Metering by Others: In the event that all or any gas delivered to/by Union hereunder is measured by a meter that is owned and operated by an Interconnecting Pipeline, then Union and Shipper agree to accept that metering for the purpose of determining the volume and energy of gas delivered to/by Union on behalf of the Shipper. The standard of measurement and tests for the gas delivered to/by Union hereunder shall be in accordance with the general terms and conditions as incorporated in that Interconnecting Pipeline company's gas tariff as approved by its regulatory body.
3. Check Measuring Equipment: Shipper may install, maintain and operate, at the redelivery point, at its own expense, such check measuring equipment as desired, provided that such equipment shall be so installed as not to interfere with the operation of Union's measuring equipment at or near the delivery point, and shall be installed, maintained and operated in conformity with the same standards and specifications applicable to Union's metering facilities.
4. Rights of Parties: The measuring equipment installed by either party, together with any building erected by it for such equipment, shall be and remain its property. However, Union and Shipper shall have the right to have representatives present at the time of any installing, reading, cleaning, changing, repairing, inspecting, testing, calibrating, or adjusting done in connection with the other's measuring equipment used in measuring or checking the measurement of deliveries of gas to/by Union under the Contract. Either party will give the other party reasonable notice of its intention to carry out the acts herein specified. The records from such measuring equipment shall remain the property of their owner, but upon request each will submit to the other its records and charts, together with calculations therefrom, for inspection and verification, subject to return within ten (10) days after receipt thereof.
5. Calibration and Test of Measuring Equipment: The accuracy of Union's measuring equipment shall be verified by Union at reasonable intervals, and if requested, in the presence of representatives of Shipper, but Union shall not be required to verify the accuracy of such equipment more frequently than once in any thirty (30) day period. In the event either party notifies the other that it desires a special test of any measuring equipment, the parties shall co-operate to secure a prompt verification of the accuracy of such equipment. The expense of any such special test, if called for by Shipper, shall be borne by Shipper if the measuring equipment tested is found to be in error by not more than two per cent (2%). If, upon test, any measuring equipment is found to be in error by not more than two per cent (2%), previous recordings of such equipment shall be considered accurate in computing receipts and deliveries of gas, but such equipment shall be adjusted at once to record as near to absolute accuracy as possible. If the test conducted shows a percentage of inaccuracy greater than two percent (2%), the financial adjustment, if any, shall be calculated in accordance with the Act and Regulations, as may be amended from time to time and in accordance with any successor statutes and regulations.
6. Preservation of Metering Records: Union and Shipper shall each preserve for a period of at least six (6) years all test data, and other relevant records.
7. Error in Metering or Meter Failure: In the event of an error in metering or a meter failure, (such error or failure being determined through check measurement by Union or any other available method), then Shipper shall enforce its rights as Shipper with the Interconnecting Pipeline(s) to remedy such error or failure including enforcing any inspection and/or verification rights and procedures.

**VIII. BILLING**

1. Monthly Billing Date: Union shall render bills on or before the tenth (10<sup>th</sup>) day of each month for all Transportation Services furnished during the preceding Month. Such charges may be based on estimated quantities, if actual quantities are unavailable in time to prepare the billing. Union shall provide, in a succeeding Month's billing, an adjustment based on any difference between actual quantities and estimated quantities, without any interest charge. If presentation of a bill to Shipper is delayed after the tenth (10<sup>th</sup>) day of the month, then the time of payment shall be extended accordingly, unless Shipper is responsible for such delay.
2. Right of Examination: Both Union and Shipper shall have the right to examine at any reasonable time the books, records and charts of the other to the extent necessary to verify the accuracy of any statement, chart or computation made under or pursuant to the provisions of the Contract.
3. Amendment of Statements: For the purpose of completing a final determination of the actual quantities of gas handled in any of the Transportation Services to Shipper, the parties shall have the right to amend their statement for a period equal to

the time during which the Interconnecting Pipeline retains the right to amend their statements, which period shall not exceed three (3) years from the date of termination of the Contract.

**IX. PAYMENTS**

1. Monthly Payments: Shipper shall pay the invoiced amount directly into Union's bank account as directed on the invoice on or before the twentieth (20<sup>th</sup>) day of each month. If the payment date is not a Business Day, then payment must be received in Union's account on the first Business Day preceding the twentieth (20<sup>th</sup>) day of the month.
2. Remedies for Non-payment: Should Shipper fail to pay all of the amount of any bill as herein provided when such amount is due,
  - a. Shipper shall pay to Union interest on the unpaid portion of the bill accruing at a rate per annum equal to the minimum commercial lending rate of Union's principal banker in effect from time to time from the due date until the date of payment; and,
  - b. If such failure to pay continues for thirty (30) days after payment is due, Union, in addition to any other remedy it may have under the Contract, may suspend Services until such amount is paid. Notwithstanding such suspension, all demand charges shall continue to accrue hereunder as if such suspension were not in place.

If Shipper in good faith disputes the amount of any such bill or part thereof Shipper shall pay to Union such amounts as it concedes to be correct. At any time thereafter, within twenty (20) days of a demand made by Union, Shipper shall furnish financial assurances satisfactory to Union, guaranteeing payment to Union of the amount ultimately found due upon such bill after a final determination. Such a final determination may be reached either by agreement, arbitration decision or judgement of the courts, as may be the case. Union shall not be entitled to suspend Services because of such non-payment unless and until default occurs in the conditions of such financial assurances or default occurs in payment of any other amount due to Union hereunder.

Notwithstanding the foregoing, Shipper is not relieved from the obligation to continue its deliveries of gas to Union under the terms of any agreement, where Shipper has contracted to deliver specified quantities of gas to Union.

3. Billing Adjustments: If it shall be found that at any time or times Shipper has been overcharged or undercharged in any form whatsoever under the provisions of the Contract and Shipper shall have actually paid the bills containing such overcharge or undercharge, Union shall refund the amount of any such overcharge and interest shall accrue from and including the first day of such overcharge as paid to the date of refund and shall be calculated but not compounded at a rate per annum determined each day during the calculation period to be equal to the minimum commercial lending rate of Union's principal banker, and the Shipper shall pay the amount of any such undercharge, but without interest. In the event Union renders a bill to Shipper based upon measurement estimates, the required adjustment to reflect actual measurement shall be made on the bill next following the determination of such actual measurement, without any charge of interest. In the event an error is discovered in the amount billed in any statement rendered by Union, such error shall be adjusted by Union. Such overcharge, undercharge or error shall be adjusted by Union on the bill next following its determination (where the term "**bill next following**" shall mean a bill rendered at least fourteen (14) days after the day of its determination), provided that claim therefore shall have been made within three (3) years from the date of the incorrect billing. In the event any refund is issued with Shipper's bill, the aforesaid date of refund shall be deemed to be the date of the issue of bill.
4. Taxes: In addition to the charges and rates as per the applicable rate schedules and price schedules, Shipper shall pay all Taxes which are imposed currently or subsequent to the execution of the Contract by any legal authority having jurisdiction and any amount in lieu of such Taxes paid or payable by Union.

Shipper shall make reasonable efforts to eliminate/minimize the withholding tax related to the fees/payments paid to Union, including but not limited to requesting from Union the relevant documentation necessary to determine the appropriate withholding, if any, for tax purposes. In the event taxes are withheld from the fees/payment paid by Shipper, Shipper shall remit such withheld taxes to the applicable taxing authority and Shipper will provide Union, after the calendar year end, Union's Federal Form 1042-S and a comparable state/international form, if applicable, within the applicable statutory time frame.

5. Set Off: If either party shall, at any time, be in arrears under any of its payment obligations to the other party under the Contract, then the party not in arrears shall be entitled to reduce the amount payable by it to the other party in arrears under the Contract, or any other contract, by an amount equal to the amount of such arrears or other indebtedness to the other party. In addition to the foregoing remedy, Union may, upon forty-eight (48) hours verbal notice, to be followed by written notice, take possession of any or all of Shipper's gas under the Contract or any enhancement to the Contract, which shall be deemed to have been assigned to Union, to reduce such arrears or other indebtedness to Union.

X. ARBITRATION

If and when any dispute, difference or question shall arise between the parties hereto touching the Contract or anything herein contained, or the construction hereof, or the rights, duties or liabilities of the parties in relation to any matter hereunder, the matter in dispute shall be submitted and referred to arbitration within ten (10) days after written request of either party. Upon such request each party shall appoint an arbitrator, and the two so appointed shall appoint a third. A majority decision of the arbitrators shall be final and binding upon both parties. In all other respects the provisions of the Arbitration Act, 1991, or any act passed in amendment thereof or substitution therefore, shall apply to each such submission. Operations under the Contract shall continue, without prejudice, during any such arbitration and the costs attributable to such arbitration shall be shared equally by the parties hereto.

XI. FORCE MAJEURE

1. Definition: The term "**force majeure**" as used herein shall mean acts of God, strikes, lockouts or any other industrial disturbance, acts of the public enemy, sabotage, wars, blockades, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of governments and people, civil disturbances, explosions, breakage or accident to machinery or lines of pipe, freezing of wells or lines of pipe, inability to obtain materials, supplies, permits or labour, any laws, orders, rules, regulations, acts or restraints of any governmental body or authority (civil or military), any act or omission that is excused by any event or occurrence of the character herein defined as constituting force majeure, any act or omission by parties not controlled by the party having the difficulty and any other similar cases not within the control of the party claiming suspension and which by the exercise of due diligence such party is unable to prevent or overcome.
2. Notice: In the event that either the Shipper or Union is rendered unable, in whole or in part, by force majeure, to perform or comply with any obligation or condition of the Contract, such party shall give notice and full particulars of such force majeure in writing delivered by hand, fax or other direct written electronic means to the other party as soon as possible after the occurrence of the cause relied on and subject to the provision of this Article.
3. Exclusions: Neither party shall be entitled to the benefit of the provisions of force majeure hereunder if any or all of the following circumstances prevail: the failure resulting in a condition of force majeure was caused by the negligence of the party claiming suspension; the failure was caused by the party claiming suspension where such party failed to remedy the condition by making all reasonable efforts (short of litigation, if such remedy would require litigation); the party claiming suspension failed to resume the performance of such condition obligations with reasonable dispatch; the failure was caused by lack of funds; the party claiming suspension did not, as soon as possible after determining, or within a period within which it should acting reasonably have determined, that the occurrence was in the nature of force majeure and would affect its ability to observe or perform any of its conditions or obligations under the Contract, give to the other party the notice required hereunder.
4. Notice of Remedy: The party claiming suspension shall likewise give notice as soon as possible after the force majeure condition is remedied, to the extent that the same has been remedied, and that such party has resumed or is then in a position to resume the performance of the obligations and conditions of the Contract.
5. Obligation to Perform: An event of force majeure on Union's system will excuse the failure to deliver gas by Union or the failure to accept gas by Union hereunder, and both parties shall be excused from performance of their obligations hereunder, except for payment obligations, to the extent of and for the duration of the force majeure.

6. Upstream or Downstream Force Majeure: An event of force majeure upstream or downstream of Union's system shall not relieve Shipper of any payment obligations.
7. Delay of Firm Transportation Services: Despite Article XI herein, if Union is prevented, by reason of an event of force majeure on Union's system from delivering gas on the Day or Days upon which Union has accepted gas from Shipper, Union shall thereafter make all reasonable efforts to deliver such quantities as soon as practicable and on such Day or Days as are agreed to by Shipper and Union. If Union accepts such gas on this basis, Shipper shall not receive any demand charge relief as contemplated under Article XI herein.
8. Demand Charge Relief for Firm Transportation Services: Despite Article XI herein, if on any Day Union fails to accept gas from Shipper by reason of an event of force majeure on Union's system and fails to deliver the quantity of gas nominated hereunder by Shipper up to the firm Contract Demand for that Contract, then for that Day the Monthly demand charge shall be reduced by an amount equal to the applicable Daily Demand Rate, as defined in this paragraph, multiplied by the difference between the quantity of gas actually delivered by Union during such Day and the quantity of gas which Shipper in good faith nominated on such Day. The term "**Daily Demand Rate**" shall mean the Monthly demand charge or equivalent pursuant to the C1 Rate Schedule divided by the number of days in the month for which such rate is being calculated.
9. Proration of Firm Transportation Service: If, due to the occurrence of an event of force majeure as outlined above, the capacity for gas deliveries by Union is impaired, it will be necessary for Union to curtail Shipper's gas receipts to Union hereunder, via proration based on utilization of such facilities for the Day. This prorating shall be determined by multiplying the capability of such facilities as available downstream of the impairment on the Day, by a fraction where the numerator is Shipper's nominated firm quantity and the denominator is the total of all such nominated firm quantities for nominated services and planned consumption for in-franchise customers on the Day. For the purposes of this Article XI, firm services shall mean all firm services provided by Union to in-franchise customers and ex-franchise shippers.

## **XII. DEFAULT AND TERMINATION**

In case of the breach or non-observance or non-performance on the part of either party hereto of any covenant, proviso, condition, restriction or stipulation contained in the Contract (but not including herein failure to take or make delivery in whole or in part of the gas delivered to/by Union hereunder occasioned by any of the reasons provided for in Article XI herein) which has not been waived by the other party, then and in every such case and as often as the same may happen, the non-defaulting party may give written notice to the defaulting party requiring it to remedy such default and in the event of the defaulting party failing to remedy the same within a period of thirty (30) days from receipt of such notice, the non-defaulting party may at its sole option declare the Contract to be terminated and thereupon the Contract shall be terminated and be null and void for all purposes other than and except as to any liability of the parties under the same incurred before and subsisting as of termination. The right hereby conferred upon each party shall be in addition to, and not in derogation of or in substitution for, any other right or remedy which the parties respectively at law or in equity shall or may possess.

## **XIII. AMENDMENT**

Subject to Article XV herein and the ability of Union to amend the applicable rate schedules and price schedules, with the approval of the OEB (if required), no amendment or modification of the Contract shall be effective unless the same shall be in writing and signed by each of the Shipper and Union.

## **XIV. NON-WAIVER AND FUTURE DEFAULT**

No waiver of any provision of the Contract shall be effective unless the same shall be in writing and signed by the party entitled to the benefit of such provision and then such waiver shall be effective only in the specific instance and for the specified purpose for which it was given. No failure on the part of Shipper or Union to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy under the Contract shall operate as a waiver thereof.

**XV. LAWS, REGULATIONS AND ORDERS**

The Contract and the respective rights and obligations of the parties hereto are subject to all present and future valid laws, orders, rules and regulations of any competent legislative body, or duly constituted authority now or hereafter having jurisdiction and the Contract shall be varied and amended to comply with or conform to any valid order or direction of any board, tribunal or administrative agency which affects any of the provisions of the Contract.

**XVI. ALLOCATION OF CAPACITY**

1. Requests for Transportation Service: A potential shipper may request transportation service on Union's system at any time. Any request for C1 transportation service must include: potential shipper's legal name, Receipt Point(s), Delivery Point(s), Commencement Date, Initial Term, Contract Demand, proposed payment, and type of transportation service requested.
2. Expansion Facilities: If requests for firm transportation services cannot be met through existing capacity such that the only way to satisfy the requests for transportation service would require the construction of Expansion Facilities which create new capacity, Union shall allocate any such new capacity by open season, subject to the terms of the open season, and these General Terms and Conditions.
3. Open Seasons: If requests for long-term transportation service can be met through existing facilities upon which long-term capacity is becoming available, Union shall allocate such long-term capacity by open season, subject to the terms of the open season, and these General Terms and Conditions. "Long-term", for the purposes of this Article XVI, means, in the case of a transportation service, a service that has a term of one year or greater.
4. Awarding Open Season Capacity: Capacity requests received during an open season shall be awarded starting with those bids with the highest economic value. If the economic values of two or more independent bids are equal, then service shall be allocated on a pro-rata basis. The economic value shall be based on the net present value which shall be calculated based on the proposed per- unit rate and the proposed term of the contract and without regard to the proposed Contract Demand ("NPV").
5. Available Capacity Previously Offered in Open Season: Union may at any time allocate capacity to respond to any C1 transportation service request through an open season. If a potential shipper requests C1 transportation service that can be provided through Available Capacity that was previously offered by Union in an open season but was not awarded, then:
  - a. Any such request must conform to the requirements of Section 1 of this Article XVI;
  - b. Union shall allocate capacity to serve such request pursuant to this Section 5, and subject to these General Terms and Conditions and Union's standard form C1 transportation contract;
  - c. Union may reject a request for C1 transportation service for any of the following reasons:
    - i) if there is insufficient Available Capacity to fully meet the request, but if that is the only reason for rejecting the request for service, Union must offer to supply the Available Capacity to the potential shipper;
    - ii) if the proposed monthly payment is less than Union's Monthly demand charge plus fuel requirements for the applicable service;
    - iii) if prior to Union accepting the request for transportation service Union receives a request for transportation service from one or more other potential shippers and there is, as a result, insufficient Available Capacity to service all the requests for service, in which case Union shall follow the procedure in Section 5 d hereof;
    - iv) if Union does not provide the type of transportation service requested; or
    - v) if all of the conditions precedent specified in Article XXI Sections 1 and 2 herein have not been satisfied or waived.

- d. Union will advise the potential shipper in writing whether Union accepts or rejects the request for service, subject to Article XVI 5(c) within 5 calendar days of receiving a request for C1 transportation service. If Union rejects a request for service, Union shall inform the potential shipper of the reasons why its request is being rejected; and
- e. If Union has insufficient Available Capacity to service all pending requests for transportation service Union may:
  - i) Reject all the pending requests for transportation service and conduct an open season; or
  - ii) Union shall inform all the potential shippers who have submitted a pending request for transportation service that it does not have sufficient capacity to service all pending requests for service, and Union shall provide all such potential shippers with an equal opportunity to submit a revised request for service. Union shall then allocate the Available Capacity to the request for transportation service with the highest economic value to Union. If the economic values of two or more requests are equal, then service shall be allocated on a pro-rata basis. The economic value of any request shall be based on the NPV.

**XVII. RENEWALS**

- 1. Contracts with an Initial Term of five (5) years or greater, with Receipt Points and Delivery Points of Parkway or Kirkwall or Dawn (Facilities), will continue in full force and effect beyond the Initial Term, automatically renewing for a period of one (1) year, and every one (1) year thereafter. Shipper may reduce the Contract Demand or terminate the Contract with notice in writing by Shipper at least two (2) years prior to the expiration thereof.

For all other contracts, the Contract will continue in full force and effect until the end of the Initial Term, but shall not renew.

**XVIII. SERVICE CURTAILMENT**

- 1. Right to Curtail: Union shall have the right to curtail or not to schedule part or all of Transportation Services, in whole or in part, on all or a portion of its pipeline system at any time for reasons of Force Majeure or when, in Union sole discretion, acting reasonably, capacity or operating conditions so require or it is desirable or necessary to make modifications, repairs or operating changes to its pipeline system. Union shall provide Shipper such notice of such curtailment as is reasonable under the circumstances. If due to any cause whatsoever Union is unable to receive or deliver the quantities of Gas which Shipper has requested, then Union shall order curtailment by all Shippers affected and to the extent necessary to remove the effect of the disability. Union has a priority of service policy to determine the order of service curtailment. In order to place services on the priority of service list, Union considers the following business principles: appropriate level of access to core services, customer commitment, encouraging appropriate contracting, materiality, price and term, and promoting and enabling in-franchise consumption.

The Priority ranking for all services utilizing Union Gas' storage, transmission and distribution system as applied to both in-franchise and ex-franchise services are as follows; with number 1 having the highest priority and the last interrupted.

- 1. Firm In-franchise Transportation and Distribution services and firm Ex-franchise services (Note 1)
- 2. In-franchise Interruptible Distribution services
- 3. C1/M12 IT Transport and IT Exchanges with Take or Pay rates
- 4. Balancing (Hub Activity) < = 100 GJ/d; Balancing (Direct Purchase) < = 500 GJ/d; In-franchise distribution authorized overrun (Note 3)
- 5. C1/M12 IT Transport and IT Exchanges at premium rates
- 6. C1/M12 Overrun < = 20% of CD (Note 4)
- 7. Balancing (Direct Purchase) > 500 GJ/d
- 8. Balancing (Hub Activity) > 100 GJ/d; C1/M12 IT Transport and IT Exchanges
- 9. C1/M12 Overrun > 20% of CD
- 10. C1/M12 IT Transport and IT Exchanges at a discount
- 11. Late Nominations

Notes:

1. Nominated services must be nominated on the NAESB Timely Nomination Cycle otherwise they are considered to be late nomination and are therefore interruptible.
  2. Higher value or more reliable IT is contemplated in the service and contract, when purchase at market competitive prices.
  3. Captures the majority of customers that use Direct Purchase balancing transactions.
  4. Captures the majority of customers that use overrun.
2. Capacity Procedures: Union reserves the right to change its procedures for sharing interruptible capacity and will provide Shipper with two (2) months prior notice of any such change.
3. Maintenance: Union's facilities from time to time may require maintenance or construction. If such maintenance or construction is required, and in Union's sole opinion, acting reasonably, such maintenance or construction may impact Union's ability to meet Shipper's requirements, Union shall provide at least ten (10) days notice to Shipper, except in the case of an emergency. In the event the maintenance impacts Union's ability to meet Shipper's requirements, Union shall not be liable for any damages and shall not be deemed in breach of the Contract. To the extent that Union's ability to accept and/or deliver Shipper's gas is impaired, the Monthly demand charge shall be reduced in accordance with Article XI Section 8 and available capacity allocated in accordance with Article XI Section 9 herein.

Union shall use reasonable efforts to determine a mutually acceptable period during which such maintenance or construction will occur and also to limit the extent and duration of any impairments. Union will endeavour to schedule and complete the maintenance and construction, which would normally be expected to impact on Union's ability to meet Shipper's requirements, during the period from April 1 through to November 1.

**XIX. SHIPPER'S REPRESENTATIONS AND WARRANTIES**

1. Shipper's Warranty: Shipper warrants that it will, if required, maintain, or have maintained on its behalf, all external approvals including the governmental, regulatory, import/export permits and other approvals or authorizations that are required from any federal, state or provincial authorities for the gas quantities to be handled under the Contract. Shipper further warrants that it shall maintain in effect the Facilitating Agreements.
2. Financial Representations: Shipper represents and warrants that the financial assurances (including the Initial Financial Assurances and Security) (if any) shall remain in place throughout the term hereof, unless Shipper and Union agree otherwise. Shipper shall notify Union in the event of any change to the financial assurances throughout the term hereof. Should Union have reasonable grounds to believe that Shipper will not be able to perform or continue to perform any of its obligations under the Contract as a result of one of the following events ("**Material Event**");
  - a. Shipper is in default, which default has not been remedied, of the Contract or is in default of any other material contract with Union or another party; or,
  - b. Shipper's corporate or debt rating falls below investment grade according to at least one nationally recognized rating agency; or,
  - c. Shipper ceases to be rated by a nationally recognized agency; or,
  - d. Shipper has exceeded credit available as determined by Union from time to time,

then Shipper shall within fourteen (14) days of receipt of written notice by Union, obtain and provide to Union a letter of credit or other security in the form and amount reasonably required by Union (the "**Security**"). The Security plus the Initial Financial Assurances shall not exceed twelve (12) months of Monthly demand charges (in accordance with Article IX herein) multiplied by Contract Demand. In the event that Shipper does not provide to Union such Security within such fourteen (14) day period, Union may deem a default under the Default and Termination provisions of Article XII herein.

In the event that Shipper in good faith, reasonably believes that it should be entitled to reduce the amount of or value of the Security previously provided, it may request such a reduction from Union and to the extent that the Material Event has been mitigated or eliminated, Union shall return all or a portion of the Security to Shipper within fourteen (14) Business Days after

receipt of the request.

**XX. MISCELLANEOUS PROVISIONS**

1. Permanent Assignment: Shipper may assign the Contract to a third party ("Assignee"), up to the Contract Demand, (the "Capacity Assigned"). Such assignment shall require the prior written consent of Union and release of obligations by Union for the Capacity Assigned from the date of assignment. Such consent and release shall not be unreasonably withheld and shall be conditional upon the Assignee providing, amongst other things, financial assurances as per Article XXI herein. Any such assignment will be for the full rights, obligations and remaining term of the Contract as relates to the Capacity Assigned.
2. Temporary Assignment: Shipper may, upon notice to Union, assign all or a part of its service entitlement under the Contract (the "Assigned Quantity") and the corresponding rights and obligations to an Assignee on a temporary basis for not less than one calendar month. Such assignment shall not be unreasonably withheld and shall be conditional upon the Assignee executing the Facilitating Agreement as per Article XXI herein. Notwithstanding such assignment, Shipper shall remain obligated to Union to perform and observe the covenants and obligations contained herein in regard to the Assigned Quantity to the extent that Assignee fails to do so.
3. Title to Gas: Shipper represents and warrants to Union that Shipper shall have good and marketable title to, or legal authority to deliver to Union, all gas delivered to Union hereunder. Furthermore, Shipper hereby agrees to indemnify and save Union harmless from all suits, actions, debts, accounts, damages, costs, losses and expenses arising from or out of claims of any or all third parties to such gas or on account of Taxes, or other charges thereon.

**XXI. PRECONDITIONS TO TRANSPORTATION SERVICES**

1. Union Conditions: The obligations of Union to provide Transportation Services hereunder are subject to the following conditions precedent, which are for the sole benefit of Union and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Union shall have obtained, in form and substance satisfactory to Union, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required to provide the Transportation Services; and,
  - b. Union shall have obtained all internal approvals that are necessary or appropriate to provide the Transportation Services; and,
  - c. Union shall have received from Shipper the requisite financial assurances reasonably necessary to ensure Shipper's ability to honour the provisions of the Contract (the "**Initial Financial Assurances**"). The Initial Financial Assurances, if required, will be as determined solely by Union; and,
  - d. Shipper and Union shall have entered into the Interruptible Service HUB Contract or equivalent (the "**Facilitating Agreement**") with Union.
2. Shipper Conditions: The obligations of Shipper hereunder are subject to the following conditions precedent, which are for the sole benefit of Shipper and which may be waived or extended in whole or in part in the manner provided in the Contract:
  - a. Shipper shall, as required, have entered into the necessary contracts with Union and/or others to facilitate the Transportation Services contemplated herein, including contracts for upstream and downstream transportation, and shall specifically have an executed and valid Facilitating Agreement; and shall, as required, have entered into the necessary contracts to purchase the gas quantities handled under the Contract; and,



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- b. Shipper shall have obtained, in form and substance satisfactory to Shipper, and all conditions shall have been satisfied under, all governmental, regulatory and other third party approvals, consents, orders and authorizations, that are required from federal, state, or provincial authorities for the gas quantities handled under the Contract; and,
  - c. Shipper shall have obtained all internal approvals that are necessary or appropriate for the Shipper to execute the Contract.
3. Satisfaction of Conditions: Union and Shipper shall each use due diligence and reasonable efforts to satisfy and fulfil the conditions precedent specified in this Article XXI Section 1 a, c, and d and Section 2 a and b. Each party shall notify the other forthwith in writing of the satisfaction or waiver of each condition precedent for such party's benefit. If a party concludes that it will not be able to satisfy a condition precedent that is for its benefit, such party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations thereunder.
4. Non-Satisfaction of Conditions: If any of the conditions precedent in this Article XXI Section 1 c or Section 2 are not satisfied or waived by the party entitled to the benefit of that condition by the Conditions Date as such term is defined in the Contract, then either party may, upon written notice to the other party, terminate the Contract and upon the giving of such notice, the Contract shall be of no further force and effect and each of the parties shall be released from all further obligations hereunder, provided that any rights or remedies that a party may have for breaches of the Contract prior to such termination and any liability a party may have incurred before such termination shall not thereby be released.

UNION SOUTH - RATE C1  
NOMINATIONS

- a) For Services provided either under this rate schedule or referenced to this rate schedule:
- i) For Services required on any day Shipper shall provide Union with details regarding the quantity it desires to be handled at the applicable Receipt Point(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
  - ii) All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
  - iii) For customers electing firm all day transportation, nominations shall be provided to Union's Gas Management Services as outlined in the F24 – T Agreement.
- b) Union shall determine whether or not all or any portion of the Nomination will be accepted. In the event Union determines that it will not accept such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantity Available**") for Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a "**Revised Nomination**" to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantity Available, then the Revised Nomination shall be deemed to be the Quantity Available. If the Revised Nomination (delivered within the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
- c) That portion of a Shipper's Nomination or Revised Nomination, as set out in (a) and (b), above, which Union shall accept for Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
- d) If on any day the actual quantities handled by Union, for each of the Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Services exceed Shipper's Authorized Quantity, such excess shall be deemed "**Unauthorized Overrun**".
- e) The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20) of the quantity received for that day. Union shall have the right to limit Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20) of the quantity handled for that day, for each applicable Service.
- f) A nomination for a daily quantity of gas on any day shall remain in effect and apply to subsequent days unless and until Union receives a new nomination from the Shipper or unless Union gives Shipper written notice that it is not acceptable in accordance with either (a) or (b) of this schedule.
- g) Except for periods of gas or quantity balancing as provided in the Contract, nominations by Shipper for deliveries to Union and redeliveries by Union shall be the same delivery of gas by Union either to Shipper or a Shipper's Account with Union.

UNION SOUTH - RATE C1  
NOMINATIONS

1. For Transportation Services required on any Day under the Contract, Shipper shall provide Union with details regarding the quantity of Gas it desires to be handled at the applicable Receipt Points(s) and/or Delivery Point(s), and such additional information as Union determines to be necessary (a "**Nomination**").
2. All Nominations shall be submitted by electronic means via *Unionline*. Union, in its sole discretion, may amend or modify the nominating procedures or *Unionline* at any time. Nominations shall be submitted so as to be received by Union in accordance with timelines established by Union, which reflect the NAESB standard nomination cycles. Union will accept all Nominations on each of the nomination cycles. Nominations made after the applicable deadline shall not be accepted except at the sole discretion of Union. The nomination cycle timelines are posted on Union's website and the nomination deadlines are provided in *Unionline*.
3. Union shall determine whether or not all or any portion of the Nomination will be scheduled at each nomination cycle. With respect to each nomination cycle, in the event Union determines that it will not schedule such Nomination, Union shall advise Shipper of the reduced quantity (the "**Quantities Available**") for Transportation Services at the applicable points as outlined in each nomination cycle. After receiving such advice from Union, but no later than one half hour after the Quantities Available deadline as outlined in each nomination cycle, Shipper shall provide a revised nomination ("**Revised Nomination**") to Union which shall be no greater than the Quantity Available. If such Revised Nomination is not provided within the time allowed as required above or such Revised Nomination is greater than the Quantities Available, then the Revised Nomination shall be deemed to be the Quantities Available. If the Revised Nomination (delivered with the time allowed as required above) is less than the Quantity Available, then such lesser amount shall be the Revised Nomination.
4. For Shippers electing firm all day transportation service, nominations shall be provided to Union's Gas Management Services as outlined in the F24 –T Agreement.
5. For Transportation Services requiring Shipper to provide compressor fuel in kind, the nominated fuel requirements will be calculated by rounding to the nearest whole GJ.
6. All Timely Nominations shall have rollover options. Specifically, Shippers shall have the ability to nominate for several days, months or years, provided the Nomination start date and end date are both within the term of the Transportation Agreement.
7. Nominations received after the nomination deadline shall, if accepted by Union, be scheduled after Nominations received before the nomination deadline.
8. All Services are required to be nominated in whole Gigajoules (GJ).
9. To the extent Union is unable to complete a Nomination confirmation due to inaccurate, untimely or incomplete data involving an Interconnecting Pipeline entity, Union shall undertake reasonable efforts to confirm the transaction on a non-discriminatory basis until such time that the transaction is adequately verified by the parties, or until such time that Union determines that the Nomination is invalid at which time the Union shall reject the Nomination.
10. That portion of a Shipper's Nomination or Revised Nomination, as set out in paragraphs 1 and 3 above, which Union shall schedule for Transportation Services hereunder, shall be known as Shipper's "**Authorized Quantity**".
11. If on any day the actual quantities handled by Union, for each of the Transportation Services authorized, exceed Shipper's Authorized Quantity, and such excess was caused by either Shipper's incorrect nomination or by its delivering or receiving too much gas, then the amount by which the actual quantities handled for each of the Transportation

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Services exceed Shipper's Authorized Quantity shall be deemed "**Unauthorized Overrun**".

12. The daily quantity of gas nominated by Shipper will be delivered by Shipper at rates of flow that are as nearly constant as possible, however, Union shall use reasonable efforts to take receipt of gas on any day at an hourly rate of flow up to one twentieth (1/20<sup>th</sup>) of the quantity received for that day. Union shall have the right to limit Transportation Services when on any day the cumulative hourly imbalance between receipts and deliveries exceeds one twentieth (1/20<sup>th</sup>) of the quantity handled for that day, for each applicable Transportation Service.
13. The parties hereto recognize that with respect to Transportation Services, on any day, receipts of gas by Union and deliveries of gas by Union may not always be exactly equal, but each party shall cooperate with the other in order to balance as nearly as possible the quantities transacted on a daily basis, and any imbalances arising shall be allocated to the Facilitating Agreement and shall be subject to the respective terms and charges contained therein, and shall be resolved in a timely manner.
14. Shipper may designate via *Unionline* access request form, a third party as agent for purposes of providing a Nomination, and for giving and receiving notices related to Nominations, and Union shall only accept nominations from the agent. Any such designation, if acceptable to Union, shall be effective following the receipt and processing of the written notice and will remain in effect until revoked in writing by Shipper.

**UNION SOUTH - RATE C1  
RECEIPT AND DELIVERY POINTS AND PRESSURES**

1. Receipt and Delivery Points:

The following defines each Receipt Point and/or Delivery Point, as indicated (R= Receipt Point; D= Delivery Point)

R, D	<b><u>DAWN (FACILITIES):</u></b>	Union's Compressor Station site situated in the northwest corner of Lot Twenty-Five (25), Concession II, in the Township of Dawn-Euphemia, in the County of Lambton. This point is applicable for quantities of gas that have been previously transported or stored under other contracts that Shipper may have in place with Union.
R, D	<b><u>DAWN (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Dawn (Facilities).
R, D	<b><u>DAWN (TECUMSEH):</u></b>	At the junction of Union's and Enbridge Gas Inc.'s (Enbridge) Tecumseh Gas Storage's facilities, at or adjacent to Dawn (Facilities).
R, D	<b><u>DAWN (TSLE):</u></b>	At the junction of Union's and Enbridge's NPS 16 Tecumseh Sombra Line Extension facilities; at or adjacent to Dawn (Facilities)
R, D	<b><u>DAWN (VECTOR):</u></b>	At the junction of Union's and Vector Pipeline Limited Partnership ("Vector") facilities, at or adjacent to Dawn (Facilities).
R, D	<b><u>PARKWAY (TCPL):</u></b>	At the junction of Union's and TCPL's facilities, at or adjacent to Union's facilities situated in the Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga)
R, D	<b><u>KIRKWALL:</u></b>	At the junction of Union's and TCPL's facilities at or adjacent to Union's facilities situated in Part Lot Twenty-Five (25), Concession 7, Town of Flamborough.
D	<b><u>PARKWAY (CONSUMERS):</u></b>	At the junction of Union's and Enbridge's facilities, at or adjacent to Union's facilities situated in Part Lot 9 and Part Lot 10, Concession IX, New Survey, Town of Milton, Regional Municipality of Halton (now part of City of Mississauga)
D	<b><u>LISGAR:</u></b>	At the junction of the facilities of Union and Enbridge situated at 6620 Winston Churchill Boulevard, City of Mississauga.
R, D	<b><u>OJIBWAY:</u></b>	At the junction of Union's and Panhandle Eastern Pipe Line Company, LP's ("Panhandle") facilities, located at the International Border between Canada and the United States in the St. Clair River.
R, D	<b><u>ST. CLAIR (MICHCON):</u></b>	At the junction of Michigan Consolidated Gas Company's ("MichCon") and St. Clair Pipelines L.P.'s facilities, located at the International Border between Canada and the United States in the St. Clair River.

R, D BLUEWATER: At the junction of Bluewater Gas Storage, LLC ("**Bluewater**") and St. Clair Pipelines L.P.'s facilities, located at the International Border between Canada and the United States in the St. Clair River.

2. Receipt and Delivery Pressures:

(a) All Gas tendered by or on behalf of Shipper to Union shall be tendered at the Receipt Point(s) at Union's prevailing pressure at that Receipt Point, or at such pressure as per operating agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(b) All Gas tendered by or on behalf of Union to Shipper shall be tendered at the Delivery Point(s) at Union's prevailing pressure at that Delivery Point or at such pressure as per agreements between Union and the applicable Interconnecting Pipeline as amended or restated from time to time.

(c) Under no circumstances shall Union be obligated to receive or deliver gas hereunder at pressures exceeding the maximum allowable operating pressures prescribed under any applicable governmental regulations; nor shall Union be required to make any physical deliveries or to accept any physical receipts which its existing facilities cannot accommodate.

ENBRIDGE GAS INC.  
 Union North and Union South  
 Summary of Average Interruptible Rate and Price Adjustment Changes for Rates 25, M4, M5A, M7, T1 and T2  
Effective January 1, 2022

Line No.	Particulars (cents / m <sup>3</sup> )	Monthly Charge Increase / (Decrease) (a)	Delivery Commodity Charge Increase / (Decrease) (b)	Delivery - Price Adjustment Increase / (Decrease) (c)	Carbon Charges Increase / (Decrease) (d)	Gas Commodity Price Adjustment Rate (1) (e)
	Carbon Charges (2)					
1	Federal Carbon Charge (if applicable)				-	
2	Facility Carbon Charge (in addition to Interruptible Charge)				-	
	Rate 25					
3	All Zones	\$10.28	0.0455			(0.2720)
	Rate M4					
4	Interruptible	\$14.08	0.0953			
	Rate M5A					
5	Interruptible	\$14.08	0.0953			
	Rate M7					
6	Interruptible	-	0.0273			
7	Seasonal	-	0.0273			
	Rate T1 - Interruptible					
8	Transportation - Union supplies fuel		0.0454			
9	Transportation - Customer supplies fuel		0.0440			
	Rate T2 - Interruptible					
10	Transportation - Union supplies fuel		0.0465			
11	Transportation - Customer supplies fuel		0.0461			

Notes:

- (1) Applies to sales service customers only.
- (2) Changes in the Carbon Charges apply to Rate 25, M4, M5A, M7, T1 and T2.

ENBRIDGE GAS INC.  
UNION RATE ZONES

Placeholder for Customer Notices



ENBRIDGE GAS INC.  
Union Rate Zones  
Miscellaneous Non-Energy Charges

Line No.	Service	Fee
	Residential Customer Class Service	
1	Connection Charge	\$35
2	Temporary Seal - Turn-off (Seasonal)	\$22
3	Temporary Seal - Turn-on (Seasonal)	\$35
4	Landlord Turn-on	\$35
5	Disconnect/Reconnect for Non-Payment	\$65
	Commercial/Industrial Customer Class Service	
6	Connection Charge	\$38
7	Temporary Seal - Turn-off (Seasonal)	\$22
8	Temporary Seal - Turn-on (Seasonal)	\$38
9	Landlord Turn-on	\$38
10	Disconnect/Reconnect for Non-Payment	\$65
	Statement of Account/History Statements	
11	History Statement (previous year)	\$15/statement
12	History Statement (beyond previous year)	\$40/hour
13	Duplicate Bills * (if processed by system)	No charge
14	Duplicate Bills * (if manually processed)	\$15/statement
	Dispute Meter Test Charges	
15	Meter Test - Residential Meter	\$50 flat fee for removal and test
16	Meter Test - Commercial/Industrial Meter	Hourly charge based on actual costs
	Direct Purchase Administration Charges (if applicable)	
17	Monthly fee per contract	\$79.05
18	Monthly per customer fee	\$0.20
19	Distributor Consolidated Billing Fee (per customer/month)	\$0.60
20	Invoice Vendor Adjustment (IVA) fee (for each successfully submitted IVA transaction)	\$1.15
21	Notice of Switch Letter Service Charge	\$2.11

Notes:

- \* Duplicate bill charges only apply when customer wants two copies of a bill. Lost bills from the last billing period will be replaced free of charge.

**UNION RATE ZONES**  
**2022 Rates**  
**Overview of Working Papers**

- Schedule 1** **Summary of 2022 Proposed Revenue Change** – This schedule summarizes the changes in total revenue.
- Schedule 2** **Summary of Revenue Change by Rate Class** – This schedule provides the rate class-specific 2022 revenue adjustments to arrive at the final proposed 2022 revenue.
- Schedule 3** **General Service Customer Bill Impacts** – This schedule provides illustrative customer bill impacts for general service customers in Rate M1, Rate M2, Rate 01, and Rate 10.
- Schedule 4** **Calculation of Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers** – This schedule provides illustrative customer bill impacts for all Union North and Union South in-franchise rate classes based on typical small and large customers within each rate class.
- Schedule 5** **Derivation of 2022 Base Rates** – This schedule provides detailed support for the proposed 2022 base rate adjustments inclusive of price cap index (PCI), 2022 capital pass-through adjustment and NAC and LRAM volume adjustments.
- Schedule 6** **Total Proposed 2022 In-Franchise Rates** – This schedule provides for the derivation of total 2022 proposed rates which includes 2022 base rates from Schedule 5 plus proposed Y-factor rates (Demand Side Management, Parkway Delivery Obligation), Incremental Capital Module rates, and Bill 32 rates.
- Schedule 7** **In-Franchise and Ex-Franchise Transportation Fuel Ratios** – This schedule calculates the fuel ratios including adjustments related to PCI and the PDO compressor fuel, as shown at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11.
- Schedule 8** **Calculation of Supplemental Service Charges** – This schedule provides the calculation of Union’s supplemental service charges.

- Schedule 9 Summary of Approved Revenue Changes** – This schedule summarizes the approved revenue changes that occurred during 2021.
- Schedule 10 DSM Budget Allocation by Rate Class** – This schedule provides the 2021 and 2022 DSM budget and the calculation of 2022 DSM unit rates.
- Schedule 11 Parkway Delivery Obligation (PDO) Rate Adjustments** – This schedule provides the 2021 and 2022 costs related to the PDO and the Parkway Delivery Commitment Incentive (PDCI) and the calculation of 2022 PDO unit rates.
- Schedule 12 Total Upstream Transportation Costs in Union North Rates** – This schedule summarizes the approved changes to upstream transportation costs that occurred during 2021 through the QRAM process that are not subject to the price cap adjustment.
- Schedule 13 Calculation of 2022 NAC Target Percentage Change** – This schedule provides the calculation of the NAC target percentage change used to adjust billing units for general service classes (Rate M1, Rate M2, Rate 01 and Rate 10).
- Schedule 14 Summary of Capital Pass-Through Adjustments** – This schedule summarizes the 2022 cost adjustments by rate class related to the Union rate zone capital pass-through projects.
- Schedule 15 LRAM Volume Adjustment** – This schedule provides the LRAM-related volume adjustments by contract rate class included in the 2022 rate calculations.

UNION RATE ZONES  
 Union North and Union South  
 Proposed Changes in Revenue - Excluding 2022 ICM  
Effective January 1, 2022

Line No.	Particulars	(\$000's)
	<u>Summary Change in Revenue:</u>	
1	2022 Proposed in EB-2021-0147	1,346,489 (1)
2	2021 Approved in EB-2020-0095	<u>1,329,977 (1)</u>
3	Net Change (line 1 - line 2)	<u><u>16,512</u></u>
	<u>Detail Change in Revenue:</u>	
4	2022 Price Cap Index (1.4%)	13,673 (1)
5	2022 DSM Budget Change	- (1)
6	2022 Capital Pass-through Change	1,434 (1)
7	2022 Parkway Delivery Obligation Change	<u>1,405 (1)</u>
8	Total Excluding 2022 Incremental Capital Module ("ICM") (lines 4 through 7)	16,512
9	2022 ICM Funding Request	<u>Note (2)</u>
10	Total (line 8 + line 9)	<u><u>16,512</u></u>

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 2.
- (2) 2022 ICM funding request(s) will be filed and implemented at a subsequent date subject to OEB approval.

UNION RATE ZONES  
 Summary of Revenue Change by Rate Class - Excluding 2022 ICM  
 Effective January 1, 2022

Line No.	Particulars (\$000s)	Total Current Approved Revenue (1) (a)	Price Cap Index (2) (b)	Upstream Transportation (2) (c)	Capital Pass-Throughs (3) (d)	DSM (4) (e)	Parkway Delivery Obligation (5) (f)	ICM (6) (g)	Total Proposed Revenue (h) = (sum a-g)
<u>North Delivery</u>									
1	R01	171,159	2,304	-	653	-	-	-	174,115
2	R10	23,360	266	-	72	-	-	-	23,698
3	R20	16,797	183	-	40	-	-	-	17,020
4	R25	5,212	67	-	14	-	-	-	5,293
5	R100	18,273	205	-	18	-	-	-	18,496
6	Total	234,801	3,025	-	797	-	-	-	238,623
<u>South Delivery &amp; Storage</u>									
7	M1	459,586	5,736	-	1,412	-	860	-	467,594
8	M2	71,298	696	-	136	-	215	-	72,346
9	M4	20,900	159	-	(41)	23	25	-	21,066
10	M5	11,215	154	-	57	(23)	4	-	11,408
11	M7	7,933	48	-	(4)	-	(19)	-	7,959
12	M9	1,273	10	-	2	-	(12)	-	1,273
13	M10	16	0	-	0	-	0	-	17
14	T1	13,748	135	-	(25)	-	(4)	-	13,855
15	T2	66,043	611	-	(323)	-	269	-	66,599
16	T3	7,611	69	-	10	-	65	-	7,756
17	Total	659,625	7,620	-	1,224	-	1,405	-	669,874
<u>North Transportation &amp; Storage</u>									
18	R01	71,123	232	-	30	-	(0)	-	71,386
19	R10	20,780	66	-	11	-	0	-	20,857
20	R20	6,390	20	-	3	-	(0)	-	6,413
21	R25	481	0	-	0	-	-	-	481
22	R100	310	2	-	0	-	-	-	312
23	Total	99,084	319	-	45	-	(0)	-	99,449
<u>Ex-Franchise</u>									
24	M12	276,930	2,477	-	(491)	-	-	-	278,916
25	M13	429	6	-	1	-	-	-	436
26	M16	1,050	11	-	(28)	-	-	-	1,033
27	M17	-	-	-	-	-	-	-	-
28	C1	51,050	117	-	(116)	-	-	-	51,051
29	Total	329,459	2,610	-	(635)	-	-	-	331,435
30	Gas Supply Admin	7,008	99	-	2	-	-	-	7,108
31	Total	1,329,977	13,673	-	1,434	-	1,405	-	1,346,489

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9.
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5.
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14.
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, p. 1, column (c).
- (5) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 1, column (i).
- (6) 2022 ICM funding request(s) will be filed and implemented at a subsequent date subject to OEB approval.

UNION RATE ZONES  
 Union South  
General Service Customer Bill Impacts

Line No.	Particulars	Rate M1 - Residential (Annual Consumption of 2,200 m <sup>3</sup> )			Rate M2 - Commercial (Annual Consumption of 73,000 m <sup>3</sup> )		
		EB-2020-0181 Approved 1-Jul-21 Total Bill (\$) (1) (a)	EB-2021-0147 Proposed 1-Jan-22 Total Bill (\$) (1) (b)	Impact (\$) (c) = (b) - (a)	EB-2020-0181 Approved 1-Jul-21 Total Bill (\$) (1) (d)	EB-2021-0147 Proposed 1-Jan-22 Total Bill (\$) (1) (e)	Impact (\$) (f) = (e) - (d)
	<u>Delivery Charges</u>						
1	Monthly Charge	274.44	278.16	3.72	886.80	899.04	12.24
2	Delivery Commodity Charge	121.16	125.40	4.24	3,697.09	3,937.56	240.47
3	Storage Services	17.65	18.34	0.69	512.24	554.01	41.77
4	Total Delivery Charge	413.25	421.90	8.65	5,096.13	5,390.61	294.48
5	Federal Carbon Charge	172.27	172.27	-	5,715.91	5,715.91	-
	<u>Supply Charges</u>						
6	Transportation to Union	-	-	-	-	-	-
7	Commodity	296.50	296.56	0.06	9,838.50	9,840.61	2.11
8	Total Gas Supply Charge	296.50	296.56	0.06	9,838.50	9,840.61	2.11
9	Total Bill	882.02	890.73	8.71	20,650.54	20,947.13	296.59
10	Total Bill Excluding Federal Carbon Charge	709.75	718.46	8.71	14,934.63	15,231.22	296.59
	<u>Impacts</u>						
11	Sales Service			8.71			296.59
12	Direct Purchase			8.65			294.48
13	Total Bill Impact			1.0%			1.4%
14	Commodity Bill Impact			0.0% (2)			0.0% (2)

Notes:

(1) Excludes temporary charges/(credits).

(2) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 8.

UNION RATE ZONES  
 Union North  
General Service Customer Bill Impacts

Line No.	Particulars	Union North West Rate 01 - Residential (Annual Consumption of 2,200 m <sup>3</sup> )			Union North East Rate 01 - Residential (Annual Consumption of 2,200 m <sup>3</sup> )		
		EB-2020-0181 Approved 1-Jul-21	EB-2021-0147 Proposed 1-Jan-22	Impact (\$)	EB-2020-0181 Approved 1-Jul-21	EB-2021-0147 Proposed 1-Jan-22	Impact (\$)
		Total Bill (\$) (1) (a)	Total Bill (\$) (1) (b)	(c) = (b) - (a)	Total Bill (\$) (1) (d)	Total Bill (\$) (1) (e)	(f) = (e) - (d)
	<u>Delivery Charges</u>						
1	Monthly Charge	274.44	278.16	3.72	274.44	278.16	3.72
2	Delivery Commodity Charge	212.20	218.11	5.91	212.20	218.11	5.91
3	Total Delivery Charge	486.64	496.27	9.63	486.64	496.27	9.63
4	Federal Carbon Charge	172.27	172.27	-	172.27	172.27	-
	<u>Supply Charges</u>						
5	Transportation to Union	101.53	101.54	0.01	50.29	50.34	0.05
6	Storage Services	45.38	46.23	0.85	127.85	129.55	1.70
7	Subtotal	146.91	147.77	0.86	178.14	179.89	1.75
8	Commodity	269.58	269.64	0.06	302.73	302.77	0.04
9	Total Gas Supply Charge	416.49	417.41	0.92	480.87	482.66	1.79
10	Total Bill	1,075.40	1,085.95	10.55	1,139.78	1,151.20	11.42
11	Total Bill Excluding Federal Carbon Charge	903.13	913.68	10.55	967.51	978.93	11.42
	<u>Impacts</u>						
12	Sales Service			10.55			11.42
13	Direct Purchase			10.49			11.38
14	Total Bill Impact			1.0%			1.0%
15	Commodity Bill Impact			0.2% (2)			0.4% (2)

Notes:

(1) Excludes temporary charges/(credits).

(2) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 9.

UNION RATE ZONES  
 Union North  
General Service Customer Bill Impacts

Line No.	Particulars	Union North West Rate 10 - Commercial / Industrial (Annual Consumption of 93,000 m <sup>3</sup> )			Union North East Rate 10 - Commercial / Industrial (Annual Consumption of 93,000 m <sup>3</sup> )		
		EB-2020-0181 Approved 1-Jul-21	EB-2021-0147 Proposed 1-Jan-22	Impact (\$)	EB-2020-0181 Approved 1-Jul-21	EB-2021-0147 Proposed 1-Jan-22	Impact (\$)
		Total Bill (\$) (1) (a)	Total Bill (\$) (1) (b)	(c) = (b) - (a)	Total Bill (\$) (1) (d)	Total Bill (\$) (1) (e)	(f) = (e) - (d)
	<u>Delivery Charges</u>						
1	Monthly Charge	886.80	899.04	12.24	886.80	899.04	12.24
2	Delivery Commodity Charge	6,464.43	6,916.58	452.15	6,464.43	6,916.58	452.15
3	Total Delivery Charge	7,351.23	7,815.62	464.39	7,351.23	7,815.62	464.39
4	Federal Carbon Charge	7,281.90	7,281.90	-	7,281.90	7,281.90	-
	<u>Supply Charges</u>						
5	Transportation to Union	3,758.88	3,758.88	-	1,948.08	1,951.32	3.24
6	Storage Services	1,398.36	1,507.44	109.08	3,722.98	3,992.67	269.69
7	Subtotal	5,157.24	5,266.32	109.08	5,671.06	5,943.99	272.93
8	Commodity	11,396.03	11,398.74	2.71	12,796.63	12,799.32	2.69
9	Total Gas Supply Charge	16,553.27	16,665.06	111.79	18,467.69	18,743.31	275.62
10	Total Bill	<u>31,186.40</u>	<u>31,762.58</u>	<u>576.18</u>	<u>33,100.82</u>	<u>33,840.83</u>	<u>740.01</u>
11	Total Bill Excluding Federal Carbon Charge	<u>23,904.50</u>	<u>24,480.68</u>	<u>576.18</u>	<u>25,818.92</u>	<u>26,558.93</u>	<u>740.01</u>
	<u>Impacts</u>						
12	Sales Service			576.18			740.01
13	Direct Purchase			573.47			737.32
14	Total Bill Impact			1.8%			2.2%
15	Commodity Bill Impact			0.7% (2)			1.5% (2)

Notes:

(1) Excludes temporary charges/(credits).

(2) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 9.



**UNION RATE ZONES**  
 Union North In-Franchise  
 Calculation of 2022 Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers

Line No.	Particulars	Approved - EB-2020-0181 (1)		Proposed - EB-2021-0147		Bill Impact		
		Total Bill (\$)	Unit Rate (cents/m <sup>3</sup> )	Total Bill (\$)	Unit Rate (cents/m <sup>3</sup> )	Total Bill Change (\$)	Including Federal Carbon Charge (%)	Excluding Federal Carbon Charge (%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
<b>Small Rate 01</b>								
1	Delivery Charges	487	22.1200	496	22.5577	9.63	2.0%	2.0%
2	Federal Carbon Charge	172	7.8300	172	7.8300	-	0.0%	0.0%
3	Gas Supply Charges (2)	481	21.8577	483	21.9391	1.79	0.4%	0.4%
4	<b>Total Bill</b>	<b>1,140</b>	<b>51.8082</b>	<b>1,151</b>	<b>52.3273</b>	<b>11.42</b>	<b>1.0%</b>	<b>1.2%</b>
5	Sales Service Impact					11.42	1.0%	1.2%
6	Bundled-T (Direct Purchase) Impact					11.38	1.4%	1.7%
<b>Small Rate 10</b>								
7	Delivery Charges	5,192	8.6534	5,507	9.1780	315	6.1%	6.1%
8	Federal Carbon Charge	4,698	7.8300	4,698	7.8300	-	0.0%	0.0%
9	Gas Supply Charges (2)	11,915	19.8577	12,092	20.1541	178	1.5%	1.5%
10	<b>Total Bill</b>	<b>21,805</b>	<b>36.3411</b>	<b>22,297</b>	<b>37.1621</b>	<b>493</b>	<b>2.3%</b>	<b>2.9%</b>
11	Sales Service Impact					493	2.3%	2.9%
12	Bundled-T (Direct Purchase) Impact					491	3.6%	5.5%
<b>Large Rate 10</b>								
13	Delivery Charges	16,930	6.7722	18,046	7.2184	1,115	6.6%	6.6%
14	Federal Carbon Charge	19,575	7.8300	19,575	7.8300	-	0.0%	0.0%
15	Gas Supply Charges (2)	49,644	19.8577	50,385	20.1541	741	1.5%	1.5%
16	<b>Total Bill</b>	<b>86,150</b>	<b>34.4599</b>	<b>88,006</b>	<b>35.2025</b>	<b>1,856</b>	<b>2.2%</b>	<b>2.8%</b>
17	Sales Service Impact					1,856	2.2%	2.8%
18	Bundled-T (Direct Purchase) Impact					1,849	3.6%	5.7%
<b>Small Rate 20</b>								
19	Delivery Charges	90,485	3.0162	91,431	3.0477	946	1.0%	1.0%
20	Federal Carbon Charge	234,900	7.8300	234,900	7.8300	-	0.0%	0.0%
21	Gas Supply Charges (2)	472,485	15.7495	472,771	15.7590	286	0.1%	0.1%
22	<b>Total Bill</b>	<b>797,870</b>	<b>26.5957</b>	<b>799,103</b>	<b>26.6368</b>	<b>1,232</b>	<b>0.2%</b>	<b>0.2%</b>
23	Sales Service Impact					1,232	0.2%	0.2%
24	Bundled-T (Direct Purchase) Impact					1,145	0.3%	0.7%
<b>Large Rate 20</b>								
25	Delivery Charges	353,536	2.3569	356,575	2.3772	3,039	0.9%	0.9%
26	Federal Carbon Charge	1,174,500	7.8300	1,174,500	7.8300	-	0.0%	0.0%
27	Gas Supply Charges (2)	2,309,221	15.3948	2,310,510	15.4034	1,289	0.1%	0.1%
28	<b>Total Bill</b>	<b>3,837,257</b>	<b>25.5817</b>	<b>3,841,585</b>	<b>25.6106</b>	<b>4,328</b>	<b>0.1%</b>	<b>0.2%</b>
29	Sales Service Impact					4,328	0.1%	0.2%
30	Bundled-T (Direct Purchase) Impact					3,893	0.2%	0.6%
<b>Average Rate 25</b>								
31	Delivery Charges	74,481	3.2739	75,640	3.3248	1,158	1.6%	1.6%
32	Federal Carbon Charge	178,133	7.8300	178,133	7.8300	-	0.0%	0.0%
33	Gas Supply Charges (2)	327,316	14.3875	327,400	14.3912	84	0.0%	0.0%
34	<b>Total Bill</b>	<b>579,929</b>	<b>25.4914</b>	<b>581,172</b>	<b>25.5460</b>	<b>1,243</b>	<b>0.2%</b>	<b>0.3%</b>
35	Sales Service Impact					1,243	0.2%	0.3%
36	T-Service (Direct Purchase) Impact					1,158	0.5%	1.6%
<b>Small Rate 100</b>								
37	Delivery Charges	323,174	1.1969	326,312	1.2086	3,138	1.0%	1.0%
38	Federal Carbon Charge	2,114,100	7.8300	2,114,100	7.8300	-	0.0%	0.0%
39	Gas Supply Charges (2)	5,043,282	18.6788	5,044,056	18.6817	774	0.0%	0.0%
40	<b>Total Bill</b>	<b>7,480,556</b>	<b>27.7058</b>	<b>7,484,468</b>	<b>27.7203</b>	<b>3,912</b>	<b>0.1%</b>	<b>0.1%</b>
41	Sales Service Impact					3,912	0.1%	0.1%
42	T-Service (Direct Purchase) Impact					3,138	0.1%	1.0%
<b>Large Rate 100</b>								
43	Delivery Charges	2,639,948	1.1000	2,664,032	1.1100	24,084	0.9%	0.9%
44	Federal Carbon Charge	18,792,000	7.8300	18,792,000	7.8300	-	0.0%	0.0%
45	Gas Supply Charges (2)	44,260,892	18.4420	44,267,775	18.4449	6,882	0.0%	0.0%
46	<b>Total Bill</b>	<b>65,692,840</b>	<b>27.3720</b>	<b>65,723,807</b>	<b>27.3849</b>	<b>30,967</b>	<b>0.0%</b>	<b>0.1%</b>
47	Sales Service Impact					30,967	0.0%	0.1%
48	T-Service (Direct Purchase) Impact					24,084	0.1%	0.9%

Notes:  
 (1) EB-2020-0181 (2021 Rates Phase II) Rate Order, June 3, 2021.  
 (2) Gas Supply charges based on Union North East Zone.

**UNION RATE ZONES**  
 Union South In-Franchise  
 Calculation of 2022 Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers

Line No.	Particulars	Approved - EB-2020-0181 (1)		Proposed - EB-2021-0147			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m <sup>3</sup> )	(\$)	(cents/m <sup>3</sup> )	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
<b>Small Rate M1</b>								
1	Delivery Charges	413	18.7841	422	19.1773	8.65	2.1%	2.1%
2	Federal Carbon Charge	172	7.8300	172	7.8300	-	0.0%	0.0%
3	Gas Supply Charges	297	13.4773	297	13.4800	0.06	0.0%	0.0%
4	<b>Total Bill</b>	<b>882</b>	<b>40.0918</b>	<b>891</b>	<b>40.4877</b>	<b>8.71</b>	<b>1.0%</b>	<b>1.2%</b>
5	Sales Service Impact					8.71	1.0%	1.2%
6	Direct Purchase Impact					8.65	1.5%	2.1%
<b>Small Rate M2</b>								
7	Delivery Charges	4,363	7.2718	4,609	7.6818	246	5.6%	5.6%
8	Federal Carbon Charge	4,698	7.8300	4,698	7.8300	-	0.0%	0.0%
9	Gas Supply Charges	8,086	13.4774	8,088	13.4803	2	0.0%	0.0%
10	<b>Total Bill</b>	<b>17,148</b>	<b>28.5792</b>	<b>17,395</b>	<b>28.9921</b>	<b>248</b>	<b>1.4%</b>	<b>2.0%</b>
11	Sales Service Impact					248	1.4%	2.0%
12	Direct Purchase Impact					246	2.7%	5.6%
<b>Large Rate M2</b>								
13	Delivery Charges	14,684	5.8737	15,606	6.2424	922	6.3%	6.3%
14	Federal Carbon Charge	19,575	7.8300	19,575	7.8300	-	0.0%	0.0%
15	Gas Supply Charges	33,694	13.4774	33,701	13.4803	7	0.0%	0.0%
16	<b>Total Bill</b>	<b>67,953</b>	<b>27.1811</b>	<b>68,882</b>	<b>27.5527</b>	<b>929</b>	<b>1.4%</b>	<b>1.9%</b>
17	Sales Service Impact					929	1.4%	1.9%
18	Direct Purchase Impact					922	2.7%	6.3%
<b>Small Rate M4</b>								
19	Delivery Charges	52,323	5.9797	54,044	6.1765	1,721	3.3%	3.3%
20	Federal Carbon Charge	68,513	7.8300	68,513	7.8300	-	0.0%	0.0%
21	Gas Supply Charges	117,927	13.4774	117,953	13.4803	25	0.0%	0.0%
22	<b>Total Bill</b>	<b>238,763</b>	<b>27.2871</b>	<b>240,509</b>	<b>27.4868</b>	<b>1,747</b>	<b>0.7%</b>	<b>1.0%</b>
23	Sales Service Impact					1,747	0.7%	1.0%
24	Direct Purchase Impact					1,721	1.4%	3.3%
<b>Large Rate M4</b>								
25	Delivery Charges	410,377	3.4198	427,845	3.5654	17,468	4.3%	4.3%
26	Federal Carbon Charge	939,600	7.8300	939,600	7.8300	-	0.0%	0.0%
27	Gas Supply Charges	1,617,288	13.4774	1,617,636	13.4803	348	0.0%	0.0%
28	<b>Total Bill</b>	<b>2,967,265</b>	<b>24.7272</b>	<b>2,985,081</b>	<b>24.8757</b>	<b>17,816</b>	<b>0.6%</b>	<b>0.9%</b>
29	Sales Service Impact					17,816	0.6%	0.9%
30	Direct Purchase Impact					17,468	1.3%	4.3%
<b>Small Rate M5</b>								
31	Delivery Charges	34,993	4.2415	35,948	4.3573	955	2.7%	2.7%
32	Federal Carbon Charge	64,598	7.8300	64,598	7.8300	-	0.0%	0.0%
33	Gas Supply Charges	111,189	13.4774	111,212	13.4803	24	0.0%	0.0%
34	<b>Total Bill</b>	<b>210,779</b>	<b>25.5489</b>	<b>211,758</b>	<b>25.6676</b>	<b>979</b>	<b>0.5%</b>	<b>0.7%</b>
35	Sales Service Impact					979	0.5%	0.7%
36	Direct Purchase Impact					955	1.0%	2.7%
<b>Large Rate M5</b>								
37	Delivery Charges	200,897	3.0907	207,260	3.1886	6,363	3.2%	3.2%
38	Federal Carbon Charge	508,950	7.8300	508,950	7.8300	-	0.0%	0.0%
39	Gas Supply Charges	876,031	13.4774	876,220	13.4803	189	0.0%	0.0%
40	<b>Total Bill</b>	<b>1,585,878</b>	<b>24.3981</b>	<b>1,592,430</b>	<b>24.4989</b>	<b>6,552</b>	<b>0.4%</b>	<b>0.6%</b>
41	Sales Service Impact					6,552	0.4%	0.6%
42	Direct Purchase Impact					6,363	0.9%	3.2%
<b>Small Rate M7</b>								
43	Delivery Charges	790,927	2.1970	765,910	2.1275	(25,016)	-3.2%	-3.2%
44	Federal Carbon Charge	2,818,800	7.8300	2,818,800	7.8300	-	0.0%	0.0%
45	Gas Supply Charges	4,851,864	13.4774	4,852,908	13.4803	1,044	0.0%	0.0%
46	<b>Total Bill</b>	<b>8,461,591</b>	<b>23.5044</b>	<b>8,437,618</b>	<b>23.4378</b>	<b>(23,972)</b>	<b>-0.3%</b>	<b>-0.4%</b>
47	Sales Service Impact					(23,972)	-0.3%	-0.4%
48	Direct Purchase Impact					(25,016)	-0.7%	-3.2%
<b>Large Rate M7</b>								
49	Delivery Charges	3,153,699	6.0648	3,046,534	5.8587	(107,165)	-3.4%	-3.4%
50	Federal Carbon Charge	4,071,600	7.8300	4,071,600	7.8300	-	0.0%	0.0%
51	Gas Supply Charges	7,008,248	13.4774	7,009,756	13.4803	1,508	0.0%	0.0%
52	<b>Total Bill</b>	<b>14,233,547</b>	<b>27.3722</b>	<b>14,127,890</b>	<b>27.1690</b>	<b>(105,657)</b>	<b>-0.7%</b>	<b>-1.0%</b>
53	Sales Service Impact					(105,657)	-0.7%	-1.0%
54	Direct Purchase Impact					(107,165)	-1.5%	-3.4%

Notes:  
 (1) EB-2020-0181 (2021 Rates Phase II) Rate Order, June 3, 2021.

**UNION RATE ZONES**  
 Union South In-Franchise  
 Calculation of 2022 Sales Service and Direct Purchase Bill Impacts for Typical Small and Large Customers

Line No.	Particulars	Approved - EB-2020-0181 (1)		Proposed - EB-2021-0147			Bill Impact	
		Total Bill	Unit Rate	Total Bill	Unit Rate	Total Bill Change	Including Federal Carbon Charge	Excluding Federal Carbon Charge
		(\$)	(cents/m <sup>3</sup> )	(\$)	(cents/m <sup>3</sup> )	(\$)	(%)	(%)
		(a)	(b)	(c)	(d)	(e) = (c - a)	(f) = (e / a)	(g)
	<b>Small Rate M9</b>							
1	Delivery Charges	189,066	2.7204	190,207	2.7368	1,141		0.6%
2	Gas Supply Charges	936,679	13.4774	936,881	13.4803	202		0.0%
3	Total Bill	1,125,746	16.1978	1,127,088	16.2171	1,342		0.1%
4	Sales Service Impact					1,342		0.1%
5	Direct Purchase Impact					1,141		0.6%
	<b>Large Rate M9</b>							
6	Delivery Charges	562,228	2.7863	565,573	2.8029	3,345		0.6%
7	Gas Supply Charges	2,719,470	13.4774	2,720,055	13.4803	585		0.0%
8	Total Bill	3,281,698	16.2637	3,285,628	16.2832	3,930		0.1%
9	Sales Service Impact					3,930		0.1%
10	Direct Purchase Impact					3,345		0.6%
	<b>Average Rate M10</b>							
11	Delivery Charges	7,473	7.9075	7,683	8.1302	210		2.8%
12	Gas Supply Charges	12,736	13.4774	12,739	13.4803	3		0.0%
13	Total Bill	20,209	21.3849	20,422	21.6105	213		1.1%
14	Sales Service Impact					213		1.1%
15	Direct Purchase Impact					210		2.8%
	<b>Small Rate T1</b>							
16	Delivery Charges	167,946	2.2283	169,606	2.2503	1,660	1.0%	1.0%
17	Federal Carbon Charge	590,147	7.8300	590,147	7.8300	-	0.0%	0.0%
18	Gas Supply Charges	1,015,792	13.4774	1,016,010	13.4803	219	0.0%	0.0%
19	Total Bill	1,773,885	23.5357	1,775,763	23.5606	1,879	0.1%	0.2%
20	Sales Service Impact					1,879	0.1%	0.2%
21	Direct Purchase Impact					1,660	0.2%	1.0%
	<b>Average Rate T1</b>							
22	Delivery Charges	261,709	2.2628	264,087	2.2833	2,378	0.9%	0.9%
23	Federal Carbon Charge	905,613	7.8300	905,613	7.8300	-	0.0%	0.0%
24	Gas Supply Charges	1,558,788	13.4774	1,559,123	13.4803	335	0.0%	0.0%
25	Total Bill	2,726,109	23.5702	2,728,823	23.5936	2,714	0.1%	0.1%
26	Sales Service Impact					2,714	0.1%	0.1%
27	Direct Purchase Impact					2,378	0.2%	0.9%
	<b>Large Rate T1</b>							
28	Delivery Charges	591,056	2.3066	595,943	2.3257	4,887	0.8%	0.8%
29	Federal Carbon Charge	2,006,365	7.8300	2,006,365	7.8300	-	0.0%	0.0%
30	Gas Supply Charges	3,453,460	13.4774	3,454,203	13.4803	743	0.0%	0.0%
31	Total Bill	6,050,881	23.6140	6,056,511	23.6360	5,630	0.1%	0.1%
32	Sales Service Impact					5,630	0.1%	0.1%
33	Direct Purchase Impact					4,887	0.2%	0.8%
	<b>Small Rate T2</b>							
34	Delivery Charges	759,220	1.2813	759,017	1.2809	(202)	0.0%	0.0%
35	Federal Carbon Charge	4,639,745	7.8300	4,639,745	7.8300	-	0.0%	0.0%
36	Gas Supply Charges	7,986,168	13.4774	7,987,887	13.4803	1,718	0.0%	0.0%
37	Total Bill	13,385,133	22.5887	13,386,649	22.5912	1,516	0.0%	0.0%
38	Sales Service Impact					1,516	0.0%	0.0%
39	Direct Purchase Impact					(202)	0.0%	0.0%
	<b>Average Rate T2</b>							
40	Delivery Charges	1,858,591	0.9397	1,855,426	0.9381	(3,165)	-0.2%	-0.2%
41	Federal Carbon Charge	15,486,945	7.8300	15,486,945	7.8300	-	0.0%	0.0%
42	Gas Supply Charges	26,656,929	13.4774	26,662,665	13.4803	5,736	0.0%	0.0%
43	Total Bill	44,002,466	22.2471	44,005,036	22.2484	2,571	0.0%	0.0%
44	Sales Service Impact					2,571	0.0%	0.0%
45	Direct Purchase Impact					(3,165)	0.0%	-0.2%
	<b>Large Rate T2</b>							
46	Delivery Charges	3,083,695	0.8332	3,077,358	0.8315	(6,337)	-0.2%	-0.2%
47	Federal Carbon Charge	28,977,969	7.8300	28,977,969	7.8300	-	0.0%	0.0%
48	Gas Supply Charges	49,878,375	13.4774	49,889,107	13.4803	10,733	0.0%	0.0%
49	Total Bill	81,940,039	22.1406	81,944,435	22.1418	4,396	0.0%	0.0%
50	Sales Service Impact					4,396	0.0%	0.0%
51	Direct Purchase Impact					(6,337)	0.0%	-0.2%
	<b>Large Rate T3</b>							
52	Delivery Charges	5,948,814	2.1814	6,068,023	2.2251	119,209		2.0%
53	Gas Supply Charges	36,754,487	13.4774	36,762,396	13.4803	7,909		0.0%
54	Total Bill	42,703,301	15.6588	42,830,419	15.7054	127,118		0.3%
55	Sales Service Impact					127,118		0.3%
56	Direct Purchase Impact					119,209		2.0%

Notes:  
 (1) EB-2020-0181 (2021 Rates Phase II) Rate Order, June 3, 2021.

UNION RATE ZONES  
 Derivation of Base Rates  
 Union North In-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1)	Approved Base Revenue (2) (\$000s)	Approved Base Rates (3) (cents / m <sup>3</sup> )	Upstream Transportation (4) (\$000's)	2021 Capital Pass-Through Adjustment (5) (\$000's)	
			(a)	(b)	(c)	(d)	(e)	
1	Rate 01 General Service Monthly Charge	bills	3,839,732	83,958	\$21.87	-	4,472	88,429
2	Monthly Delivery Charge - All Zones First 100 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	272,486	24,883	9.1318	(578)	(812)	23,492
3	Next 200 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	309,401	27,532	8.8985	(621)	(899)	26,012
4	Next 200 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	134,973	11,512	8.5291	(260)	(376)	10,876
5	Next 500 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	92,188	7,550	8.1901	(171)	(246)	7,133
6	Over 1,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	115,035	9,099	7.9099	(206)	(297)	8,597
7	Delivery Commodity charge - 01		<u>924,083</u>	<u>80,576</u>	<u>8.7196</u>	<u>(1,836)</u>	<u>(2,630)</u>	<u>76,111</u>
8	Total Delivery - 01		<u>924,083</u>	<u>164,534</u>	<u>17.8051</u>	<u>(1,836)</u>	<u>1,842</u>	<u>164,540</u>
9	Gas Transportation Union North West	10 <sup>3</sup> m <sup>3</sup>	267,830	12,363	4.6161	(12,318)	(1)	44
10	Union North East	10 <sup>3</sup> m <sup>3</sup>	659,134	15,065	2.2856	(13,178)	(36)	1,851
11	Transportation - 01		<u>926,963</u>	<u>27,428</u>	<u>2.9590</u>	<u>(25,496)</u>	<u>(37)</u>	<u>1,896</u>
12	Storage Union North West	10 <sup>3</sup> m <sup>3</sup>	266,998	5,506	2.0622	(824)	(1,328)	3,354
13	Union North East	10 <sup>3</sup> m <sup>3</sup>	657,086	38,183	5.8109	(22,403)	(4,474)	11,306
14	Storage - 01		<u>924,083</u>	<u>43,689</u>	<u>4.7278</u>	<u>(23,227)</u>	<u>(5,802)</u>	<u>14,660</u>
15	Total Rate 01		<u>924,083</u>	<u>235,651</u>	<u>25.5010</u>	<u>(50,558)</u>	<u>(3,996)</u>	<u>181,096</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union North In-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> )	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Monthly Customer Charge Adjustment (\$000's) (k)				
1	Rate 01 General Service										
	Monthly Charge	bills	1,238		-	(3,959)	(557)	85,151	-	3,839,732	\$22.18
	Monthly Delivery Charge - All Zones										
2	First 100 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	329		578	855	172	25,427	(2,169)	270,317	9.4064
3	Next 200 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	364		621	947	190	28,135	(2,463)	306,938	9.1662
4	Next 200 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	152		260	396	80	11,764	(1,075)	133,899	8.7857
5	Next 500 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	100		171	260	52	7,716	(734)	91,454	8.4365
6	Over 1,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	120		206	313	63	9,298	(916)	114,119	8.1479
7	Delivery Commodity charge - 01		1,066	1.4%	1,836	2,770	557	82,340	(7,357)	916,727	8.9819
8	Total Delivery - 01		2,304	1.4%	1,836	(1,189)	-	167,490	(7,357)	916,727	18.2705
	Gas Transportation										
9	Union North West	10 <sup>3</sup> m <sup>3</sup>	1		12,318	1		12,364	-	267,830	4.6162
10	Union North East	10 <sup>3</sup> m <sup>3</sup>	26		13,178	23		15,078	-	659,134	2.2875
11	Transportation - 01		27	1.4%	25,496	23	-	27,442	-	926,963	2.9604
	Storage										
12	Union North West	10 <sup>3</sup> m <sup>3</sup>	47		824	1,338	-	5,563	(2,126)	264,872	2.1003
13	Union North East	10 <sup>3</sup> m <sup>3</sup>	158		22,403	4,508	-	38,375	(5,231)	651,855	5.8870
14	Storage - 01		205	1.4%	23,227	5,846	-	43,938	(7,357)	916,727	4.7929
15	Total Rate 01		2,535	1.4%	50,558	4,679	-	238,869	(7,357)	916,727	26.0568

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union North In-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1)	Approved Base Revenue (2) (\$000's)	Approved Base Rates (3) (cents / m <sup>3</sup> )	2021 Upstream Transportation (4) (\$000's)	2021 Capital Pass-Through Adjustment (5) (\$000's)	
			(a)	(b)	(c)	(d)	(e)	
1	Rate 10 General Service Monthly Charge	bills	24,629	1,795	\$72.90	-	86	1,882
2	Monthly Delivery Charge - All Zones First 1,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	25,810	1,858	7.1989	(49)	(85)	1,725
3	Next 9,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	139,344	8,145	5.8455	(214)	(371)	7,561
4	Next 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	88,634	4,508	5.0866	(118)	(205)	4,185
5	Next 70,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	67,205	3,086	4.5918	(81)	(140)	2,864
6	Over 100,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	30,911	840	2.7167	(22)	(38)	779
7	Delivery Commodity charge - 10		<u>351,905</u>	<u>18,438</u>	<u>5.2394</u>	<u>(485)</u>	<u>(839)</u>	<u>17,114</u>
8	Total Delivery - 10		<u>351,905</u>	<u>20,233</u>	<u>5.7496</u>	<u>(485)</u>	<u>(753)</u>	<u>18,996</u>
9	Gas Transportation Union North West	10 <sup>3</sup> m <sup>3</sup>	82,150	3,320	4.0418	(3,318)	0	3
10	Union North East	10 <sup>3</sup> m <sup>3</sup>	261,380	5,475	2.0947	(4,819)	2	658
11	Transportation - 10		<u>343,530</u>	<u>8,795</u>	<u>2.5603</u>	<u>(8,136)</u>	<u>2</u>	<u>661</u>
12	Storage Union North West	10 <sup>3</sup> m <sup>3</sup>	84,153	1,265	1.5033	(195)	(292)	778
13	Union North East	10 <sup>3</sup> m <sup>3</sup>	267,752	10,717	4.0025	(6,227)	(1,226)	3,263
14	Storage - 10		<u>351,905</u>	<u>11,982</u>	<u>3.4049</u>	<u>(6,422)</u>	<u>(1,519)</u>	<u>4,041</u>
15	Total Rate 10		<u>351,905</u>	<u>41,010</u>	<u>11.6538</u>	<u>(15,043)</u>	<u>(2,269)</u>	<u>23,698</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union North In-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> )	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (cents / m <sup>3</sup> ) (o) = (l / n)
			Price Cap Index 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
1	Rate 10 General Service Monthly Charge	bills	26		-	(58)	(29)	1,821	-	24,629	\$73.92
2	Monthly Delivery Charge - All Zones First 1,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	24		49	89	5	1,892	(1,620)	24,190	7.8216
3	Next 9,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	106		214	390	23	8,294	(8,746)	130,598	6.3511
4	Next 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	59		118	216	-	4,578	(5,563)	83,071	5.5109
5	Next 70,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	40		81	148	-	3,134	(4,218)	62,987	4.9748
6	Over 100,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	11		22	40	-	853	(1,940)	28,971	2.9433
7	Delivery Commodity charge - 10		240	1.4%	485	883	29	18,751	(22,088)	329,817	5.6852
8	Total Delivery - 10		266	1.4%	485	825	-	20,571	(22,088)	329,817	6.2372
9	Gas Transportation Union North West	10 <sup>3</sup> m <sup>3</sup>	0		3,318	(0)	-	3,320	-	82,150	4.0418
10	Union North East	10 <sup>3</sup> m <sup>3</sup>	9		4,819	(2)	-	5,484	-	261,380	2.0982
11	Transportation - 10		9	1.4%	8,136	(2)	-	8,805	-	343,530	2.5630
12	Storage Union North West	10 <sup>3</sup> m <sup>3</sup>	11		195	294	-	1,278	(5,282)	78,871	1.6206
13	Union North East	10 <sup>3</sup> m <sup>3</sup>	46		6,227	1,236	-	10,772	(16,806)	250,946	4.2925
14	Storage - 10		57	1.4%	6,422	1,530	-	12,050	(22,088)	329,817	3.6535
15	Total Rate 10		332	1.4%	15,043	2,353	-	41,426	(22,088)	329,817	12.5602

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union North In-Franchise  
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Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1) (a)	Approved Base Revenue (2) (\$000's) (b)	Approved Base Rates (3) (cents / m³) (c)	Upstream Transportation (4) (\$000's) (d)	2021 Capital Pass-Through Adjustment (5) (\$000's) (e)	
1	Rate 20 Medium Volume Firm Service Monthly Charge	bills	748	761	\$1,016.90	-	33	794
2	Monthly Demand Charge							
	First 70,000 m³	10³m³/d	23,260	7,308	31.4173	-	(813)	6,495
3	All over 70,000 m³	10³m³/d	19,701	3,640	18.4749	-	(405)	3,235
	Monthly Commodity Charge							
4	First 852,000 m³	10³m³	316,682	1,964	0.6202	(80)	(399)	1,485
5	All over 852,000 m³	10³m³	285,518	1,263	0.4423	(52)	(257)	954
6	Delivery (Commodity/Demand)		602,199	14,174	2,353.7	(132)	(1,874)	12,169
7	Transportation Account Charge	10³m³	460	109	\$236.14	-	-	109
8	Total Delivery - 20		602,199	15,043	2,498.1	(132)	(1,840)	13,071
	Gas Supply Demand Charge							
9	Union North West	10³m³	2,962	1,240	41.8609	(946)	(100)	194
10	Union North East	10³m³	3,911	1,664	42.5384	(1,280)	(132)	252
11	Gas Supply Demand - 20		6,873	2,903	42,246.4	(2,225)	(232)	446
	Commodity Transportation 1							
12	Union North West	10³m³	28,383	717	2.5245	(626)	-	90
13	Union North East	10³m³	45,073	793	1.7598	(677)	-	116
14	Commodity Transportation 1 - 20		73,456	1,510	2,055.3	(1,303)	-	207
	Commodity Transportation 2							
15	Union North West	10³m³	14,503	-	-	-	-	-
16	Union North East	10³m³	33,976	-	-	-	-	-
17	Commodity Transportation 2 - 20		48,479	-	-	-	-	-
	Storage (GJ's)							
18	Demand	GJ/d	99,288	1,837	18.501	(1,032)	(154)	651
19	Commodity	GJ	639,477	139	0.217	(12)	(12)	115
20	Gas Supply Transportation - 20		121,935	6,389	5,239.6	(4,572)	(397)	1,419
21	Total Rate 20		602,199	21,432	3,559.0	(4,704)	(2,238)	14,491

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).



UNION RATE ZONES  
 Derivation of Base Rates  
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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> )	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
1	Rate 20 Medium Volume Firm Service Monthly Charge	bills	11		-	(25)	780	-	748	\$1,042.67	
2	Monthly Demand Charge First 70,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	91		-	827	7,412	-	23,260	31.8679	
3	All over 70,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	45		-	412	3,692	-	19,701	18.7399	
4	Monthly Commodity Charge First 852,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	21		80	406	1,992	(1,012)	315,670	0.6309	
5	All over 852,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	13		52	261	1,281	(912)	284,606	0.4500	
6	Delivery (Commodity/Demand)		170	1.4%	132	1,906	14,376	(1,924)	600,276	2,395.0	
7	Transportation Account Charge	10 <sup>3</sup> m <sup>3</sup>	2		-	-	110	-	460	\$239.45	
8	Total Delivery - 20		183	1.4%	132	1,881	15,267	(1,924)	600,276	2,543.3	
9	Gas Supply Demand Charge Union North West	10 <sup>3</sup> m <sup>3</sup>	3		946	101	1,243	-	2,962	41.9767	
10	Union North East	10 <sup>3</sup> m <sup>3</sup>	4		1,280	133	1,668	-	3,911	42.6525	
11	Gas Supply Demand - 20		6	1.4%	2,225	233	2,911	-	6,873	42.3612	
12	Commodity Transportation 1 Union North West	10 <sup>3</sup> m <sup>3</sup>	1		626	-	718	-	28,383	2.5289	
13	Union North East	10 <sup>3</sup> m <sup>3</sup>	2		677	-	795	-	45,073	1.7634	
14	Commodity Transportation 1 - 20		3	1.4%	1,303	-	1,513	-	73,456	2.0592	
15	Commodity Transportation 2 Union North West	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	14,503	-	
16	Union North East	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	33,976	-	
17	Commodity Transportation 2 - 20		-	0.0%	-	-	-	-	48,479	-	
18	Storage (GJ's) Demand	GJ/d	9		1,032	156	1,847	-	99,288	18.607	
19	Commodity	GJ	2		12	12	140	-	639,477	0.220	
20	Gas Supply Transportation - 20		20	1.4%	4,572	401	6,412	-	121,935	5.2585	
21	Total Rate 20		203	1.4%	4,704	2,281	21,679	(1,924)	600,276	3.6114	

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

UNION RATE ZONES  
 Derivation of Base Rates  
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Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1) (a)	Approved Base Revenue (2) (\$000's) (b)	Approved Base Rates (3) (cents / m <sup>3</sup> ) (c)	2021 Upstream Transportation (4) (\$000's) (d)	2021 Capital Pass-Through Adjustment (5) (\$000's) (e)	
Rate 25 Large Volume Interruptible Service								
1	Monthly Charge	bills	842	286	\$339.91	-	41	327
2	Monthly Delivery Charge	10 <sup>3</sup> m <sup>3</sup>	159,555	4,917	3.0819	-	(457)	4,460
3	Transportation Account Charge	bills	36	9	\$236.14	-	-	9
4	Total Delivery - 25		<u>159,555</u>	<u>5,212</u>	<u>3.2666</u>	<u>-</u>	<u>(417)</u>	<u>4,795</u>
5	Gas Supply Transportation	10 <sup>3</sup> m <sup>3</sup>	42,913	481	1.1209	(464)	4	21
6	Total Rate 25		<u>159,555</u>	<u>5,693</u>	<u>3.5681</u>	<u>(464)</u>	<u>(413)</u>	<u>4,816</u>
Rate 100 Large Volume Firm Service								
7	Monthly Charge	bills	226	344	\$1,520.96	-	15	359
8	Demand	10 <sup>3</sup> m <sup>3</sup> /d	71,975	12,258	17.0313	-	(1,858)	10,401
9	Commodity	10 <sup>3</sup> m <sup>3</sup>	1,815,864	4,471	0.2462	(9)	(619)	3,843
10	Delivery (Commodity/Demand)		<u>1,815,864</u>	<u>17,073</u>	<u>0.9402</u>	<u>(9)</u>	<u>(2,477)</u>	<u>14,587</u>
11	Transportation Account Charge	bills	226	53	\$236.14	-	-	53
12	Total Delivery - 100		<u>1,815,864</u>	<u>17,126</u>	<u>0.9431</u>	<u>(9)</u>	<u>(2,462)</u>	<u>14,655</u>
Gas Supply Demand Charge								
13	Union North West	10 <sup>3</sup> m <sup>3</sup>	-	-	77.2504	-	-	-
14	Union North East	10 <sup>3</sup> m <sup>3</sup>	-	-	116.6893	-	-	-
Commodity Transportation 1								
15	Union North West	10 <sup>3</sup> m <sup>3</sup>	-	-	4.3311	-	-	-
16	Union North East	10 <sup>3</sup> m <sup>3</sup>	-	-	6.6698	-	-	-
Commodity Transportation 2								
17	Union North West	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	-	-
18	Union North East	10 <sup>3</sup> m <sup>3</sup>	-	-	-	-	-	-
Storage (GJ's)								
19	Demand	GJ/d	15,600	289	18.501	(162)	(24)	102
20	Commodity	GJ	100,000	22	0.217	(2)	(2)	18
21	Gas Supply - 100		<u>-</u>	<u>310</u>	<u>-</u>	<u>(164)</u>	<u>(26)</u>	<u>120</u>
22	Total Rate 100		<u>1,815,864</u>	<u>17,436</u>	<u>0.9602</u>	<u>(173)</u>	<u>(2,488)</u>	<u>14,775</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

UNION RATE ZONES  
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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (9) (10 <sup>3</sup> m <sup>3</sup> )	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
Rate 25 Large Volume Interruptible Service											
1	Monthly Charge	bills	5		-	(36)	295	-	842	\$350.19	
2	Monthly Delivery Charge	10 <sup>3</sup> m <sup>3</sup>	62		-	467	4,990	-	159,555	3.1274	
3	Transportation Account Charge	bills	0		-	-	9	-	36	\$239.45	
4	Total Delivery - 25		67	1.4%	-	431	5,293	-	159,555	3.3176	
5	Gas Supply Transportation	10 <sup>3</sup> m <sup>3</sup>	0		464	(4)	481	-	42,913	1.1217	
6	Total Rate 25		67	1.4%	464	427	5,775	-	159,555	3.6193	
Rate 100 Large Volume Firm Service											
7	Monthly Charge	bills	5		-	(12)	351	-	226	\$1,553.83	
8	Demand	10 <sup>3</sup> m <sup>3</sup> /d	146		-	1,869	12,415	-	71,975	17.2497	
9	Commodity	10 <sup>3</sup> m <sup>3</sup>	54		9	623	4,528	(931)	1,814,933	0.2495	
10	Delivery (Commodity/Demand)		204	1.4%	9	2,492	17,295	(931)	1,814,933	0.9529	
11	Transportation Account Charge	bills	1		-	-	54	-	226	\$239.45	
12	Total Delivery - 100		205	1.4%	9	2,480	17,349	(931)	1,814,933	0.9559	
Gas Supply Demand Charge											
13	Union North West	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	-	77.2479	
14	Union North East	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	-	116.6861	
Commodity Transportation 1											
15	Union North West	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	-	4.3332	
16	Union North East	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	-	6.6730	
Commodity Transportation 2											
17	Union North West	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	-	-	
18	Union North East	10 <sup>3</sup> m <sup>3</sup>	-		-	-	-	-	-	-	
Storage (GJ's)											
19	Demand	GJ/d	1		162	24	290	-	15,600	18.607	
20	Commodity	GJ	0		2	2	22	-	100,000	0.220	
21	Gas Supply - 100		2	1.4%	164	26	312	-	-	-	
22	Total Rate 100		207	1.4%	173	2,506	17,661	(931)	1,814,933	0.9731	

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

UNION RATE ZONES  
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Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1) (a)	Approved Base Revenue (2) (\$000's) (b)	Approved Base Rates (3) (cents / m <sup>3</sup> ) (c)	2021 Upstream Transportation (4) (\$000's) (d)	2021 Capital Pass-Through Adjustment (5) (\$000's) (e)	
<b>M1</b>								
1	Monthly Charge	bills	12,706,802	277,841	\$21.87	-	8,023	285,864
Monthly Delivery Commodity Charge								
2	First 100 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	884,704	36,090	4.0793	-	(2,934)	33,156
3	Next 150 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	785,592	30,378	3.8669	-	(2,469)	27,909
4	All over 250 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	1,267,093	42,045	3.3182	-	(3,418)	38,627
5	Total Delivery - M1		<u>2,937,389</u>	<u>386,353</u>	<u>13.1529</u>	-	<u>(798)</u>	<u>385,555</u>
6	Storage	10 <sup>3</sup> m <sup>3</sup>	2,937,389	23,552	0.8018	-	624	24,176
7	Total Rate M1		<u>2,937,389</u>	<u>409,905</u>	<u>13.9547</u>	-	<u>(174)</u>	<u>409,731</u>
<b>M2</b>								
8	Monthly Charge	bills	81,451	5,938	\$72.90	-	255	6,192
Monthly Delivery Commodity Charge								
9	First 1,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	62,064	2,277	3.6682	-	(178)	2,099
10	Next 6,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	302,040	10,870	3.5987	-	(850)	10,019
11	Next 13,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	341,290	11,531	3.3786	-	(902)	10,629
12	All over 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	436,014	13,648	3.1302	-	(1,068)	12,580
13	Total Delivery - M2		<u>1,141,409</u>	<u>44,263</u>	<u>3.8779</u>	-	<u>(2,744)</u>	<u>41,519</u>
14	Storage	10 <sup>3</sup> m <sup>3</sup>	1,141,409	8,009	0.7017	-	213	8,222
15	Total Rate M2		<u>1,141,409</u>	<u>52,272</u>	<u>4.5796</u>	-	<u>(2,531)</u>	<u>49,741</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

UNION RATE ZONES  
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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> )	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (cents / m <sup>3</sup> ) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
M1											
1	Monthly Charge	bills	4,002		-	(6,888)	(1,190)	281,788	-	12,706,802	\$22.18
Monthly Delivery Commodity Charge											
2	First 100 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	464		-	2,962	396	36,978	(14,979)	869,725	4.2517
3	Next 150 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	391		-	2,494	333	31,126	(13,301)	772,291	4.0303
4	All over 250 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	541		-	3,451	461	43,080	(21,453)	1,245,640	3.4585
5	Total Delivery - M1		5,398	1.4%	-	2,020	-	392,973	(49,732)	2,887,656	13.6087
6	Storage	10 <sup>3</sup> m <sup>3</sup>	338		-	(434)		24,080	(49,732)	2,887,656	0.8339
7	Total Rate M1		5,736	1.4%	-	1,586	-	417,053	(49,732)	2,887,656	14.4426
M2											
8	Monthly Charge	bills	87		-	(220)	(38)	6,021	-	81,451	\$73.92
Monthly Delivery Commodity Charge											
9	First 1,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	29		-	180	7	2,315	(3,388)	58,676	3.9451
10	Next 6,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	140		-	861	32	11,052	(16,488)	285,552	3.8704
11	Next 13,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	149		-	913	-	11,691	(18,631)	322,659	3.6232
12	All over 20,000 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup>	176		-	1,081	-	13,837	(23,802)	412,212	3.3568
13	Total Delivery - M2		581	1.4%	-	2,815	-	44,916	(62,310)	1,079,100	4.1623
14	Storage	10 <sup>3</sup> m <sup>3</sup>	115		-	(148)		8,189	(62,310)	1,079,100	0.7589
15	Total Rate M2		696	1.4%	-	2,667	-	53,105	(62,310)	1,079,100	4.9212

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
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- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
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UNION RATE ZONES  
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Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1)	Approved Base Revenue (2) (\$000's)	Approved Base Rates (3) (cents / m <sup>3</sup> )	2021 Upstream Transportation (4) (\$000's)	2021 Capital Pass-Through Adjustment (5) (\$000's)	
			(a)	(b)	(c)	(d)	(e)	
<b>M4 Firm Commercial/Industrial Contract Rate</b>								
Monthly Demand Charge								
1	First 8,450 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	12,905	6,699	51.9105	-	(833)	5,866
2	Next 19,700 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	7,864	1,830	23.2754	-	(228)	1,603
3	All over 28,150 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	4,507	881	19.5545	-	(110)	772
Monthly Delivery Commodity Charge								
4	First Block	10 <sup>3</sup> m <sup>3</sup>	296,388	3,897	1.3149	-	(774)	3,123
5	All remaining use	10 <sup>3</sup> m <sup>3</sup>	6,378	31	0.4935	-	(6)	25
6	<b>Total Rate M4</b>		<u>302,767</u>	<u>13,340</u>	<u>4.4059</u>	<u>-</u>	<u>(1,951)</u>	<u>11,389</u>
<b>M5A Interruptible Commercial/Industrial Contract Rate</b>								
Firm contracts								
7	Monthly Demand Charge	10 <sup>3</sup> m <sup>3</sup> /d	626	168	26.9308	-	(9)	159
8	Monthly Delivery Commodity Charge	10 <sup>3</sup> m <sup>3</sup>	14,347	279	1.9414	-	3	282
9	<b>Total Delivery - Firm M5A</b>		<u>14,347</u>	<u>447</u>	<u>3.1157</u>	<u>-</u>	<u>(6)</u>	<u>441</u>
Interruptible contracts								
10	Monthly Charge	bills	1,692	1,204	\$711.40	-	59	1,263
11	Delivery Commodity Charge (Avg Price)	10 <sup>3</sup> m <sup>3</sup>	427,257	8,962	2.0976	-	347	9,309
12	<b>Total Delivery -Interruptible M5A</b>		<u>427,257</u>	<u>10,166</u>	<u>2.3793</u>	<u>-</u>	<u>406</u>	<u>10,572</u>
13	<b>Total Rate M5A</b>		<u>441,604</u>	<u>10,613</u>	<u>2.4032</u>	<u>-</u>	<u>400</u>	<u>11,012</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's) (l) = sum(f:k)	NAC / LRAM Usage Adjustment (9) (10 <sup>3</sup> m <sup>3</sup> ) (m)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (cents / m <sup>3</sup> ) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
M4 Firm Commercial/Industrial Contract Rate											
Monthly Demand Charge											
1	First 8,450 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	82		-	816	6,764	-	12,905	52.4101	
2	Next 19,700 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	22		-	223	1,848	-	7,864	23.4994	
3	All over 28,150 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d	11		-	107	890	-	4,507	19.7427	
Monthly Delivery Commodity Charge											
4	First Block	10 <sup>3</sup> m <sup>3</sup>	44		-	758	3,925	(14,047)	282,341	1.3900	
5	All remaining use	10 <sup>3</sup> m <sup>3</sup>	0		-	6	32	(302)	6,076	0.5217	
6	Total Rate M4		<u>159</u>	<u>1.4%</u>	<u>-</u>	<u>1,910</u>	<u>-</u>	<u>13,458</u>	<u>(14,349)</u>	<u>288,417</u>	<u>4.6661</u>
M5A Interruptible Commercial/Industrial Contract Rate											
Firm contracts											
7	Monthly Demand Charge	10 <sup>3</sup> m <sup>3</sup> /d	2		-	9	170	-	626	27.2469	
8	Monthly Delivery Commodity Charge	10 <sup>3</sup> m <sup>3</sup>	4		-	(3)	282	(313)	14,034	2.0130	
9	Total Delivery - Firm M5A		<u>6</u>	<u>1.4%</u>	<u>-</u>	<u>6</u>	<u>-</u>	<u>453</u>	<u>(313)</u>	<u>14,034</u>	<u>3.2275</u>
Interruptible contracts											
10	Monthly Charge	bills	18		-	(53)	1,228	-	1,692	\$725.48	
11	Delivery Commodity Charge (Avg Price)	10 <sup>3</sup> m <sup>3</sup>	130		-	(295)	9,144	(9,313)	417,944	2.1878	
12	Total Delivery -Interruptible M5A		<u>148</u>	<u>1.4%</u>	<u>-</u>	<u>(348)</u>	<u>-</u>	<u>10,371</u>	<u>(9,313)</u>	<u>417,944</u>	<u>2.4815</u>
13	Total Rate M5A		<u>154</u>	<u>1.4%</u>	<u>-</u>	<u>(342)</u>	<u>-</u>	<u>10,824</u>	<u>(9,626)</u>	<u>431,978</u>	<u>2.5057</u>

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

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Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1) (a)	Approved Base Revenue (2) (\$000's) (b)	Approved Base Rates (3) (cents / m <sup>3</sup> ) (c)	2021 Upstream Transportation (4) (\$000's) (d)	2021 Capital Pass-Through Adjustment (5) (\$000's) (e)	
M7 Special Large Volume Contract Rate								
Firm Contracts								
1	Monthly Demand Charge	10 <sup>3</sup> m <sup>3</sup> /d	14,220	3,756	26.4129	-	(613)	3,143
2	Monthly Delivery Commodity Charge	10 <sup>3</sup> m <sup>3</sup>	115,399	250	0.2164	-	0	250
3	Total Delivery - Firm M7		<u>115,399</u>	<u>4,006</u>	<u>3.4711</u>	-	<u>(613)</u>	<u>3,393</u>
Interruptible / Seasonal Contracts								
4	Monthly Delivery Commodity Charge	10 <sup>3</sup> m <sup>3</sup>	3,770	24	0.6491	-	5	29
5	Total Rate M7		<u>119,169</u>	<u>4,030</u>	<u>3.3818</u>	-	<u>(608)</u>	<u>3,422</u>
M9 Large Wholesale Service								
6	Monthly Demand Charge	10 <sup>3</sup> m <sup>3</sup> /d	3,993	794	19.8784	-	(120)	674
7	Monthly Delivery Commodity Charge	10 <sup>3</sup> m <sup>3</sup>	60,750	64	0.1058	-	0	65
8	Total Rate M9		<u>60,750</u>	<u>858</u>	<u>1.4123</u>	-	<u>(119)</u>	<u>739</u>
M10 Small Wholesale Service								
9	Monthly Delivery Commodity Charge	10 <sup>3</sup> m <sup>3</sup>	189	13	7.0476	-	(3)	11
10	Total Rate M10		<u>189</u>	<u>13</u>	<u>7.0476</u>	-	<u>(3)</u>	<u>11</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).



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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (9) (10³m³)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (o) = (l / n)
			Price Cap Index 1.4% (6) (\$000's)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's)	2022 Capital Pass-Through Adjustment (8) (\$000's)	Customer Charge Adjustment (k) (\$000's)				
M7 Special Large Volume Contract Rate											
Firm Contracts											
1	Monthly Demand Charge	10³m³/d	44		-	609	3,795	-	14,220	26.6912	
2	Monthly Delivery Commodity Charge	10³m³	4		-	(0)	253	(1,785)	113,614	0.2229	
3	Total Delivery - Firm M7		47	1.4%	-	609	4,049	(1,785)	113,614	3.5636	
Interruptible / Seasonal Contracts											
4	Monthly Delivery Commodity Charge	10³m³	0		-	(4)	25	(58)	3,712	0.6861	
5	Total Rate M7		48	1.4%	-	605	4,074	(1,843)	117,326	3.4725	
M9 Large Wholesale Service											
6	Monthly Demand Charge	10³m³/d	9		-	122	805	-	3,993	20.1633	
7	Monthly Delivery Commodity Charge	10³m³	1		-	(0)	65	-	60,750	0.1073	
8	Total Rate M9		10	1.4%	-	121	870	-	60,750	1.4325	
M10 Small Wholesale Service											
9	Monthly Delivery Commodity Charge	10³m³	0		-	3	14	-	189	7.1757	
10	Total Rate M10		0	1.4%	-	3	14	-	189	9.2921	

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

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Line No.	Particulars	Billing Units	Current Approved Forecast Usage	Current Approved Base Revenue	Current Approved Base Rates	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's)
			(1)	(2)	(3)	2021 Upstream Transportation (4)	2021 Capital Pass-Through Adjustment (5)	
			(a)	(b)	(c)	(d)	(e)	(f) = (b+d+e)
T1 Storage and Transportation								
Storage (\$/GJ's)								
Demand:								
Firm injection / withdrawal								
1	Union provides deliverability inventory	GJ/d/mo.	492,360	814	1.653	-	(3)	811
2	Customer provides deliverability inventory	GJ/d/mo.	166,800	232	1.388	-	(1)	231
3	Incremental firm injection right	GJ/d/mo.	-	-	1.388	-	-	-
4	Interruptible	GJ/d/mo.	62,244	81	1.388	-	-	81
5	Space	GJ/d/mo.	22,396,680	260	0.012	-	13	273
6	Commodity (Customer Provides)	GJ	2,750,300	32	0.012	-	0	33
7	Commodity (Union Provides)	GJ	-	-	0.027	-	-	-
8	Customer supplied fuel	GJ	16,442	56	-	-	-	56
Transportation (cents/ m3)								
Demand								
9	First 28,150 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	12,448	3,906	31.3779	-	(608)	3,298
10	Next 112,720 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	13,002	2,819	21.6786	-	(439)	2,380
Commodity								
Firm								
11	All Volumes	10 <sup>3</sup> m <sup>3</sup>	444,256	365	0.0821	-	4	369
12	Interruptible	10 <sup>3</sup> m <sup>3</sup>	57,886	747	1.2912	-	21	768
13	Monthly Charges	Meter/mo.	528	1,077	\$2,039.01	-	28	1,104
14	Customer supplied fuel	10 <sup>3</sup> m <sup>3</sup>	2,979	263	-	-	-	263
15	Total Rate T1		<u>502,142</u>	<u>10,651</u>	<u>2.1212</u>	<u>-</u>	<u>(984)</u>	<u>9,667</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> )	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (cents / m <sup>3</sup> ) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
T1 Storage and Transportation											
Storage (\$/GJ's)											
Demand:											
Firm injection / withdrawal											
1	Union provides deliverability inventory	GJ/d.mo.	11		-	7	829	-	492,360	1.684	
2	Customer provides deliverability inventory	GJ/d.mo.	3		-	2	236	-	166,800	1.415	
3	Incremental firm injection right	GJ/d.mo.	-		-	-	-	-	-	1.415	
4	Interruptible	GJ/d.mo.	1		-	-	82	-	62,244	1.415	
5	Space	GJ/d.mo.	4		-	(11)	266	-	22,396,680	0.012	
6	Commodity (Customer Provides)	GJ	0		-	(0)	33	-	2,750,300	0.012	
7	Commodity (Union Provides)	GJ	-		-	-	-	-	-	0.027	
8	Customer supplied fuel	GJ	1		-	-	57	-	16,442	-	
Transportation (cents/ m3)											
Demand											
9	First 28,150 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	46		-	586	3,931	-	12,448	31.5750	
10	Next 112,720 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	33		-	423	2,836	-	13,002	21.8148	
Commodity											
Firm											
11	All Volumes	10 <sup>3</sup> m <sup>3</sup>	5		-	(4)	370	(578)	443,677	0.0834	
12	Interruptible	10 <sup>3</sup> m <sup>3</sup>	11		-	(18)	761	(75)	57,811	1.3157	
13	Monthly Charges	Meter/mo.	15		-	(25)	1,095	-	528	\$2,074.16	
14	Customer supplied fuel	10 <sup>3</sup> m <sup>3</sup>	4		-	-	267	-	2,979	-	
15	Total Rate T1		<u>135</u>	<u>1.4%</u>	<u>-</u>	<u>959</u>	<u>-</u>	<u>10,762</u>	<u>(654)</u>	<u>501,488</u>	<u>2.1460</u>

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

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Line No.	Particulars	Billing Units	Current Approved Forecast Usage	Current Approved Base Revenue	Current Approved Base Rates	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's)
			(1)	(2)	(3)	2021 Upstream Transportation (4)	2021 Capital Pass-Through Adjustment (5)	
			(a)	(b)	(c)	(d)	(e)	(f) = (b+d+e)
	T2 Storage and Transportation Storage (\$/GJ's)							
	Demand:							
	Firm injection / withdrawal							
1	Union provides deliverability inventory	GJ/d/mo.	1,516,920	2,507	1.653	-	(8)	2,500
2	Customer provides deliverability inventory	GJ/d/mo.	1,336,556	1,855	1.388	-	(7)	1,848
3	Incremental firm injection right	GJ/d/mo.	-	-	1.388	-	-	-
4	Interruptible	GJ/d/mo.	415,704	535	1.388	-	-	535
5	Space	GJ/d/mo.	106,645,056	1,240	0.012	-	59	1,300
6	Commodity (Customer Provides)	GJ	7,869,782	112	0.012	-	1	113
7	Commodity (Union Provides)	GJ	-	-	0.027	-	-	-
8	Customer supplied fuel	GJ	47,061	161	-	-	-	161
	Transportation (cents/ m3)							
	Demand							
9	First 140,870 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	49,971	13,115	26.2443	-	(2,916)	10,199
10	All Over 140,870 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	167,088	23,195	13.8820	-	(5,157)	18,038
	Commodity							
	Firm							
11	All Volumes	10 <sup>3</sup> m <sup>3</sup>	4,262,453	371	0.0087	-	4	376
12	Interruptible	10 <sup>3</sup> m <sup>3</sup>	337,923	3,477	1.0290	-	105	3,583
13	Monthly Charges	Meter/mo.	444	2,814	\$6,338.15	-	161	2,975
14	Customer supplied fuel	10 <sup>3</sup> m <sup>3</sup>	23,922	1,995	-	-	-	1,995
15	Total Rate T2		<u>4,600,376</u>	<u>51,379</u>	<u>1.1168</u>	<u>-</u>	<u>(7,756)</u>	<u>43,622</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

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Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> ) (9)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (cents / m <sup>3</sup> ) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
T2 Storage and Transportation Storage (\$/GJ's)											
Demand:											
Firm injection / withdrawal											
1	Union provides deliverability inventory	GJ/d.mo.	35		-	20		2,555	-	1,516,920	1.684
2	Customer provides deliverability inventory	GJ/d.mo.	26		-	18		1,891	-	1,336,556	1.415
3	Incremental firm injection right	GJ/d.mo.	-		-	-		-	-	-	1.415
4	Interruptible	GJ/d.mo.	7		-	-		543	-	415,704	1.415
5	Space	GJ/d.mo.	18		-	(52)		1,266	-	106,645,056	0.012
6	Commodity (Customer Provides)	GJ	2		-	(1)		113	-	7,869,782	0.012
7	Commodity (Union Provides)	GJ	-		-	-		-	-	-	0.027
8	Customer supplied fuel	GJ	2		-	-		164	-	47,061	-
Transportation (cents/ m3)											
Demand											
9	First 140,870 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	143		-	2,772		13,113	-	49,971	26.2417
10	All Over 140,870 m <sup>3</sup>	10 <sup>3</sup> m <sup>3</sup> /d/mo	253		-	4,903		23,193	-	167,088	13.8806
Commodity											
Firm											
11	All Volumes	10 <sup>3</sup> m <sup>3</sup>	5		-	(4)		377	(5,667)	4,256,786	0.0088
12	Interruptible	10 <sup>3</sup> m <sup>3</sup>	50		-	(90)		3,543	(449)	337,474	1.0499
13	Monthly Charges	Meter/mo.	42		-	(131)		2,886	-	444	\$6,500.02
14	Customer supplied fuel	10 <sup>3</sup> m <sup>3</sup>	28		-	-		2,023	-	23,922	-
15	Total Rate T2		<u>611</u>	<u>1.4%</u>	<u>-</u>	<u>7,434</u>	<u>-</u>	<u>51,666</u>	<u>(6,116)</u>	<u>4,594,260</u>	<u>1.1246</u>

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union South In-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Approved Forecast Usage (1) (a)	Approved Base Revenue (2) (\$000's) (b)	Approved Base Rates (3) (cents / m <sup>3</sup> ) (c)	2021 Upstream Transportation (4) (\$000's) (d)	2021 Capital Pass-Through Adjustment (5) (\$000's) (e)	
T3								
	Storage (\$/GJ's)							
	Demand:							
	Firm injection / withdrawal							
1	Union provides deliverability inventory	GJ/d/mo.	-	-	1.653	-	-	-
2	Customer provides deliverability inventory	GJ/d/mo.	679,320	942	1.388	-	(4)	939
3	Incremental firm injection right	GJ/d/mo.	-	-	1.388	-	-	-
4	Interruptible	GJ/d/mo.	-	-	1.388	-	-	-
5	Space	GJ/d/mo.	36,614,256	443	0.012	-	20	463
6	Commodity (Customer Provides)	GJ	4,459,672	35	0.012	-	1	36
7	Commodity (Union Provides)	GJ	-	-	0.027	-	-	-
8	Customer supplied fuel	GJ	26,668	91	-	-	-	91
	Transportation (cents/ m3)							
9	Demand	10 <sup>3</sup> m <sup>3</sup> /d/mo	28,200	3,867	13.7123	-	(898)	2,969
10	Commodity	10 <sup>3</sup> m <sup>3</sup>	272,712	31	0.0113	-	0	31
11	Monthly Charges	Meter/mo.	12	257	\$21,450.63	-	8	265
12	Customer supplied fuel	10 <sup>3</sup> m <sup>3</sup>	1,972	152	-	-	-	152
13	Total Rate T3		<u>272,712</u>	<u>5,819</u>	<u>2.1338</u>	<u>-</u>	<u>(873)</u>	<u>4,947</u>
	Gas Supply Admin Charge			<u>7,008</u>			62	7,070
14	Total In-franchise			<u>887,111</u>		<u>(70,943)</u>	<u>(25,942)</u>	<u>790,226</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (5) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union South In-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Annual Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	NAC / LRAM Usage Adjustment (10 <sup>3</sup> m <sup>3</sup> ) (m)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (10) (cents / m <sup>3</sup> ) (o) = (l / n)
			Price Cap Index (6) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (7) (\$000's) (i)	2022 Capital Pass-Through Adjustment (8) (\$000's) (j)	Customer Charge Adjustment (\$000's) (k)				
T3											
Storage (\$/GJ's)											
Demand:											
1	Firm injection / withdrawal										
1	Union provides deliverability inventory	GJ/d.mo.	-	-	-	-	-	-	-	1.684	
2	Customer provides deliverability inventory	GJ/d.mo.	13	-	-	9	961	-	679,320	1.415	
3	Incremental firm injection right	GJ/d.mo.	-	-	-	-	-	-	-	1.415	
4	Interruptible	GJ/d.mo.	-	-	-	-	-	-	-	1.415	
5	Space	GJ/d.mo.	6	-	-	(18)	452	-	36,614,256	0.012	
6	Commodity (Customer Provides)	GJ	1	-	-	(1)	36	-	4,459,672	0.012	
7	Commodity (Union Provides)	GJ	-	-	-	-	-	-	-	0.027	
8	Customer supplied fuel	GJ	1	-	-	-	93	-	26,668	-	
Transportation (cents/ m3)											
9	Demand	10 <sup>3</sup> m <sup>3</sup> /d.mo	42	-	-	900	3,910	-	28,200	13.8641	
10	Commodity	10 <sup>3</sup> m <sup>3</sup>	0	-	-	(0)	31	-	272,712	0.0115	
11	Monthly Charges	Meter/mo.	4	-	-	(7)	262	-	12	\$21,833.55	
12	Customer supplied fuel	10 <sup>3</sup> m <sup>3</sup>	2	-	-	-	154	-	1,972	-	
13	Total Rate T3		<u>69</u>	<u>1.4%</u>	<u>-</u>	<u>883</u>	<u>-</u>	<u>5,899</u>	<u>-</u>	<u>272,712</u>	<u>2.1629</u>
	Gas Supply Admin Charge		99	-	-	(60)	-	7,108	-	-	
14	Total In-franchise		<u>11,063</u>		<u>70,943</u>	<u>28,010</u>	<u>-</u>	<u>900,242</u>			

Notes:

- (6) Exhibit B, Tab 1, Schedule 1, Section 1.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (d).
- (8) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (9) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, pp. 2-3, column (c); Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 15, p. 1, column (c).
- (10) Proposed Base Rates excluding certain pass-through, ICM, and Bill 32 unit rates (provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 6).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union South Ex-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's)
			Approved Forecast Usage (1)	Approved Base Revenue (2) (\$000's)	Approved Base Rates (3) (\$/ GJ)	2021 Upstream Transportation (\$000's)	2021 Capital Pass-Throughs Adjustment (4) (\$000's)	
			(a)	(b)	(c)	(d)	(e)	(f) = (b+d+e)
<b>M12 Transportation Service</b>								
<u>Demand:</u>								
Dawn to Kirkwall								
1	- 12 months	GJ/d/mo	419,318	17,498	3.110	-	(4,798)	12,701
2	- 10 months	GJ/d/mo	304,563	9,473	3.110	-	(2,597)	6,876
3	- 2 months	GJ/d/mo	18,365	114	3.110	-	(31)	83
4	- F24-T - 12 months	GJ/d/mo	49,500	43	0.073	-	-	43
Dawn to Parkway								
5	- 12 months	GJ/d/mo	4,221,865	199,202	3.665	-	(84,708)	114,494
6	- 10 months	GJ/d/mo	65,000	2,383	3.665	-	(644)	1,739
7	- 3 months	GJ/d/mo	2,000	22	3.665	-	(6)	16
8	- F24-T - 12 months	GJ/d/mo	307,000	344	0.073	-	-	344
M12-X Easterly (between Dawn, Kirkwall and Parkway)								
9	- 12 months	GJ/d/mo	391,011	17,199	3.665	-	(4,649)	12,550
M12-X Westerly (between Dawn, Kirkwall and Parkway)								
10	- 12 months	GJ/d/mo	391,011	4,056	0.865	-	(1,009)	3,048
Kirkwall to Parkway								
11	- 12 months	GJ/d/mo	209,652	1,396	0.555	-	(933)	463
12	- 2 months	GJ/d/mo	174,752	194	0.555	-	(48)	146
<u>Fuel and Commodity Charges:</u>								
Fuel								
13	Easterly - Providing Own Fuel	GJ	705,499,899	24,348	-	-	-	24,348
14	Westerly - Providing Own Fuel	GJ	5,936,749	52	-	-	-	52
15	<b>Total Rate M12</b>		<u>711,436,648</u>	<u>276,324</u>		<u>-</u>	<u>(99,423)</u>	<u>176,901</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).



UNION RATE ZONES  
 Derivation of Base Rates  
 Union South Ex-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Adjustments to 2022 Base Rates					Monthly Customer Charge Adjustment (\$000's) (k)	Proposed Base Revenue (\$000's) (l) = sum(f.k)	Demand Adjustment (GJ/d/mo) (m)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (7) (\$/ GJ) (o) = (l / n)
			Price Cap Index (5) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (\$000's) (i)	2022 Capital Pass-Throughs Adjustment (6) (\$000's) (j)						
<b><u>M12 Transportation Service</u></b>												
<b><u>Demand:</u></b>												
Dawn to Kirkwall												
1	- 12 months	GJ/d/mo	178		-	4,732	-	17,610	-	419,318	3.130	
2	- 10 months	GJ/d/mo	96		-	2,562	-	9,534	-	304,563	3.130	
3	- 2 months	GJ/d/mo	1		-	31	-	115	-	18,365	3.130	
4	- F24-T - 12 months	GJ/d/mo	1		-	-	-	44	-	49,500	0.074	
Dawn to Parkway												
5	- 12 months	GJ/d/mo	1,603		-	84,403	-	200,500	-	4,221,865	3.689	
6	- 10 months	GJ/d/mo	24		-	635	-	2,398	-	65,000	3.689	
7	- 3 months	GJ/d/mo	0		-	6	-	22	-	2,000	3.689	
8	- F24-T - 12 months	GJ/d/mo	5		-	-	-	348	-	307,000	0.074	
M12-X Easterly (between Dawn, Kirkwall and Parkway)												
9	- 12 months	GJ/d/mo	176		-	4,585	-	17,311	-	391,011	3.689	
M12-X Westerly (between Dawn, Kirkwall and Parkway)												
10	- 12 months	GJ/d/mo	43		-	995	-	4,085	-	391,011	0.871	
Kirkwall to Parkway												
11	- 12 months	GJ/d/mo	6		-	937	-	1,406	-	209,652	0.559	
12	- 2 months	GJ/d/mo	2		-	48	-	195	-	174,752	0.559	
<b><u>Fuel and Commodity Charges:</u></b>												
Fuel												
13	Easterly - Providing Own Fuel	GJ	341		-	-	-	24,689	-	705,499,899		
14	Westerly - Providing Own Fuel	GJ	1		-	-	-	53	-	5,936,749		
15	<b>Total Rate M12</b>		<u>2,477</u>	<u>1.4%</u>	<u>-</u>	<u>98,932</u>	<u>-</u>	<u>278,311</u>	<u>-</u>	<u>711,436,648</u>		

**Notes:**

- (5) Exhibit B, Tab 1, Schedule 1, Section 1.
- (6) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (7) Proposed Base Rates excluding PDO fuel adjustment, as provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11.

**UNION RATE ZONES**  
 Derivation of Base Rates  
 Union South Ex-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Current	Current	Current	Adjustments to 2021 Base Rates		Adjusted Base Revenue (\$000's)
			Approved Forecast Usage (1)	Approved Base Revenue (\$000's) (2)	Approved Base Rates (\$/ GJ) (3)	2021 Upstream Transportation (\$000's) (d)	2021 Capital Pass-Throughs Adjustment (\$000's) (4)	
			(a)	(b)	(c)	(d)	(e)	(f) = (b+d+e)
<b>M13 Transportation of Locally Produced Gas</b>								
1	Monthly Fixed Charge	monthly	15	179	\$997.17	-	-	179
2	Transmission Commodity Charge	GJ	5,934,507	216	0.036	-	6	222
3	Commodity - Providing Own Fuel	GJ	5,934,507	34	0.006	-	-	34
4	<b>Total Rate M13</b>		<u>5,934,507</u>	<u>429</u>		<u>-</u>	<u>6</u>	<u>435</u>
<b>M16 Transportation Service</b>								
5	Monthly Fixed Charge	monthly	4	76	\$1,586.39	-	-	76
6	Transmission Commodity Charge	GJ	6,236,394	227	0.036	-	0	227
Charges West of Dawn:								
7	Firm Demand Charge	GJ/d	17,846	543	2.534	-	(291)	252
8	Fuel & UFG to Dawn	GJ	4,098,775	23	0.006	-	-	23
9	Fuel & UFG to Pool	GJ	4,098,775	66	0.016	-	-	66
Charges East of Dawn:								
10	Firm Demand Charge	GJ/d	9,067	87	0.801	-	-	87
11	Fuel & UFG to Dawn	GJ	2,137,619	12	0.006	-	-	12
12	Fuel & UFG to Pool	GJ	2,137,619	14	0.007	-	-	14
13	<b>Total Rate M16</b>		<u>12,472,788</u>	<u>1,049</u>		<u>-</u>	<u>(291)</u>	<u>758</u>
<b>M17 Transportation Service (8)</b>								
14	Monthly Fixed Charge	monthly	-	-	\$2,032.69	-	-	-
Demand:								
15	Dawn to Delivery Area	GJ/d	-	-	4.506	-	-	-
16	Kirkwall to Delivery Area or Dawn	GJ/d	-	-	2.764	-	-	-
17	Parkway (TCPL) to Delivery Area or Dawn	GJ/d	-	-	2.764	-	-	-
18	Commodity - Providing Own Fuel	GJ	-	-	-	-	-	-
			<u>-</u>	<u>-</u>		<u>-</u>	<u>-</u>	<u>-</u>

**Notes:**

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

**UNION RATE ZONES**  
 Derivation of Base Rates  
 Union South Ex-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Adjustments to 2022 Base Rates					Proposed Base Revenue (\$000's)	Demand Adjustment (GJ/d/mo)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (7) (\$/ GJ) (o) = (l / n)
			Price Cap Index (5) 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (\$000's) (i)	2022 Capital Pass-Throughs Adjustment (6) (\$000's) (j)	Monthly Customer Charge Adjustment (\$000's) (k)				
<b>M13 Transportation of Locally Produced Gas</b>											
1	Monthly Fixed Charge	monthly	3		-	-	-	182	-	15	\$1,011.13
2	Transmission Commodity Charge	GJ	3		-	(6)	-	220	-	5,934,507	0.037
3	Commodity - Providing Own Fuel	GJ	0		-	-	-	34	-	5,934,507	
4	<b>Total Rate M13</b>		<b>6</b>	<b>1.4%</b>	<b>-</b>	<b>(6)</b>	<b>-</b>	<b>436</b>	<b>-</b>	<b>5,934,507</b>	
<b>M16 Transportation Service</b>											
5	Monthly Fixed Charge	monthly	1		-	-	-	77	-	4	\$1,608.60
6	Transmission Commodity Charge	GJ	3		-	(0)	-	230	-	6,236,394	0.037
Charges West of Dawn:											
7	Firm Demand Charge	GJ/d	4		-	263	-	518	-	17,846	\$2.418
8	Fuel & UFG to Dawn	GJ	0		-	-	-	24	-	4,098,775	
9	Fuel & UFG to Pool	GJ	1		-	-	-	67	-	4,098,775	
Charges East of Dawn:											
10	Firm Demand Charge	GJ/d	1		-	-	-	88	-	9,067	\$0.812
11	Fuel & UFG to Dawn	GJ	0		-	-	-	12	-	2,137,619	
12	Fuel & UFG to Pool	GJ	0		-	-	-	14	-	2,137,619	
13	<b>Total Rate M16</b>		<b>11</b>	<b>1.4%</b>	<b>-</b>	<b>262</b>	<b>-</b>	<b>1,031</b>	<b>-</b>	<b>12,472,788</b>	
<b>M17 Transportation Service (8)</b>											
14	Monthly Fixed Charge	monthly	-		-	-	-	-	-	-	\$2,061.15
Demand:											
15	Dawn to Delivery Area	GJ/d	-		-	-	-	-	-	-	4.569
16	Kirkwall to Delivery Area or Dawn	GJ/d	-		-	-	-	-	-	-	2.803
17	Parkway (TCPL) to Delivery Area or Dawn	GJ/d	-		-	-	-	-	-	-	2.803
18	Commodity - Providing Own Fuel	GJ	-		-	-	-	-	-	-	-
			<b>-</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	

Notes:

- (5) Exhibit B, Tab 1, Schedule 1, Section 1.
- (6) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (7) Proposed Base Rates excluding PDO fuel adjustment, as provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11.
- (8) Approved Rate M17 charges per the EB-2019-0183 Rate Order, dated May 28, 2020.

UNION RATE ZONES  
 Derivation of Base Rates  
 Union South Ex-Franchise  
Effective January 1, 2022

Line No.	Particulars	Billing Units	Adjustments to 2021 Base Rates					Adjusted Base Revenue (\$000's) (f) = (b+d+e)
			Current Approved Forecast Usage (1) (a)	Current Approved Base Revenue (2) (\$000's) (b)	Current Approved Base Rates (3) (\$/ GJ) (c)	2021 Upstream Transportation (\$000's) (d)	2021 Capital Pass-Throughs Adjustment (4) (\$000's) (e)	
<b>C1 Cross Franchise Transportation Service</b>								
Storage Service:								
1	Peak Storage (Short-term) Commodity	GJ	22,489,337	8,009		-	92	8,101
2	Off Peak Storage/ Balancing / Loans	GJ		2,500		-	-	2,500
Transportation Service:								
Demand:								
3	St.Clair & Dawn / Ojibway & Dawn - 12 months	GJ/mo	85,460	5,896	2,534	-	(2,416)	3,480
4	Parkway to Dawn/Kirkwall - 12 months	GJ/mo	347,371	3,604	0.865	-	(896)	2,708
5	- 3 months	GJ/mo	54,357	141	0.865	-	(35)	106
6	Kirkwall to Dawn	GJ/mo	-	-	1.525	-	-	-
Dawn to Parkway								
7	- 12 months	GJ/mo	7,065	444	3.665	-	-	444
8	- 12 months North T-Service	GJ/mo	35,090	1,543	3.665	-	(1,505)	39
9	Kirkwall to Parkway	GJ/mo	-	-	0.555	-	-	-
Dawn to Dawn-Vector								
10	- 12 months	GJ/mo	92,845	34	0.031	-	-	34
Dawn to Dawn-TCPL								
11	- 12 months	GJ/mo	500,000	866	0.144	-	-	866
Firm Commodity								
Easterly								
Union Providing Fuel								
12	Dawn to Parkway (TCPL / EGT)	GJ	2,423,295	90		-	-	90
Providing Own Fuel								
13	Dawn to Dawn-TCPL	GJ	5,000,000	89		-	-	89
14	Dawn to Dawn-Vector	GJ	18,280,703	263		-	-	263
15	Ojibway to Dawn	GJ	9,968,577	177		-	-	177
Westerly - Providing Own Fuel								
16	Parkway to Kirkwall	GJ	-	-		-	-	-
17	Parkway to Dawn	GJ	3,990,264	55		-	-	55
18	Short-term Transportation	GJ	177,529,686	11,173		-	(109)	11,064
19	Exchanges			14,918		-	-	14,918
20	Other Transactional			1,067		-	-	1,067
21	<b>Total Rate C1</b>		<u>217,192,525</u>	<u>50,870</u>		<u>-</u>	<u>(4,869)</u>	<u>46,000</u>
22	<b>Total Ex-Franchise</b>			<u>328,672</u>		<u>-</u>	<u>(104,577)</u>	<u>224,095</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 9, column (d).
- (3) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (4) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (j).

UNION RATE ZONES  
 Derivation of Base Rates  
 Union South Ex-Franchise  
 Effective January 1, 2022

Line No.	Particulars	Billing Units	Adjustments to 2022 Base Rates								
			Price Cap Index 1.4% (\$000's) (g)	Price Cap Index (%) (h)	2022 Upstream Transportation (\$000's) (i)	2022 Capital Pass-Throughs Adjustment (6) (\$000's) (j)	Monthly Customer Charge Adjustment (\$000's) (k)	Proposed Base Revenue (\$000's) (l) = sum(f,k)	Demand Adjustment (GJ/d/mo) (m)	Proposed Base Rates Forecast Usage (n) = (a + m)	Proposed Base Rates (7) (\$/ GJ) (o) = (l / n)
<b>C1 Cross Franchise Transportation Service</b>											
Storage Service:											
1	Peak Storage (Short-term) Commodity	GJ	n/a		-	(66)	-	8,035	-	22,489,337	
2	Off Peak Storage/ Balancing / Loans	GJ	n/a		-	-	-	2,500	-	-	
Transportation Service:											
Demand:											
3	St.Clair & Dawn / Ojibway & Dawn - 12 months	GJ/mo	49		-	2,278	-	5,807	-	85,460	2.418
4	Parkway to Dawn/Kirkwall - 12 months	GJ/mo	38		-	884	-	3,629	-	347,371	0.871
5	- 3 months	GJ/mo	1		-	35	-	142	-	54,357	0.871
6	Kirkwall to Dawn	GJ/mo	-		-	-	-	-	-	-	1.536
Dawn to Parkway											
7	- 12 months	GJ/mo	6		-	-	-	450	-	7,065	3.689
8	- 12 months North T-Service	GJ/mo	1		-	1,514	-	1,553	-	35,090	3.689
9	Kirkwall to Parkway	GJ/mo	-		-	-	-	-	-	0	0.559
Dawn to Dawn-Vector											
10	- 12 months	GJ/mo	0		-	-	-	35	-	92,845	0.031
Dawn to Dawn-TCPL											
11	- 12 months	GJ/mo	12		-	-	-	879	-	500,000	0.146
Firm Commodity											
Easterly											
Union Providing Fuel											
12	Dawn to Parkway (TCPL / EGT)	GJ	1		-	-	-	91	-	2,423,295	
Providing Own Fuel											
13	Dawn to Dawn-TCPL	GJ	1		-	-	-	90	-	5,000,000	
14	Dawn to Dawn-Vector	GJ	4		-	-	-	266	-	18,280,703	
15	Ojibway to Dawn	GJ	2		-	-	-	180	-	9,968,577	
Westerly - Providing Own Fuel											
16	Parkway to Kirkwall	GJ	-		-	-	-	-	-	-	
17	Parkway to Dawn	GJ	1		-	-	-	56	-	3,990,264	
18	Short-term Transportation	GJ	n/a		-	107	-	11,171	-	177,529,686	
19	Exchanges		n/a		-	-	-	14,918	-	-	
20	Other Transactional		n/a		-	-	-	1,067	-	-	
21	<b>Total Rate C1</b>		<u>117</u>		<u>-</u>	<u>4,753</u>	<u>-</u>	<u>50,870</u>	<u>-</u>	<u>217,192,525</u>	
22	<b>Total Ex-Franchise</b>		<u>2,610</u>	<u>1.2%</u>	<u>-</u>	<u>103,942</u>	<u>-</u>	<u>330,647</u>	<u>-</u>		

Notes:

- (5) Exhibit B, Tab 1, Schedule 1, Section 1.
- (6) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 2.
- (7) Proposed Base Rates excluding PDO fuel adjustment, as provided at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11.

UNION RATE ZONES  
Total Proposed 2022 Union North and Union South In-franchise Rates

Line No.	Particulars (cents / m <sup>3</sup> )	Proposed	2022	2022	ICM				Bill 32	Total
		Base Rates (1)	DSM Rate (2)	PDO Rate (3)	2019 Rate (4)	2020 Rate (5)	2021 Rate (6)	2022 Rate (7)	\$1 / month Rate (8)	Proposed Rate (i) = sum(a-h)
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
<u>Union North</u>										
<u>Rate 01 Small Volume General Service</u>										
1	Monthly Charge	\$22.18	-	-	-	-	-	-	\$1.00	\$23.18
	Monthly Delivery Charge									
2	First 100 m <sup>3</sup>	9.4064	0.6747	-	-	-	-	-	-	10.0811
3	Next 200 m <sup>3</sup>	9.1662	0.6575	-	-	-	-	-	-	9.8237
4	Next 200 m <sup>3</sup>	8.7857	0.6302	-	-	-	-	-	-	9.4159
5	Next 500 m <sup>3</sup>	8.4365	0.6051	-	-	-	-	-	-	9.0416
6	Over 1,000 m <sup>3</sup>	8.1479	0.5844	-	-	-	-	-	-	8.7323
	Gas Transportation									
7	Union North West	4.6162	-	-	-	-	-	-	-	4.6162
8	Union North East	2.2875	-	-	-	-	-	-	-	2.2875
	Storage									
9	Union North West	2.1003	-	0.0003	-	-	-	-	-	2.1006
10	Union North East	5.8870	-	0.0007	-	-	-	-	-	5.8877
<u>Rate 10 Large Volume General Service</u>										
11	Monthly Charge	\$73.92	-	-	-	-	-	-	\$1.00	\$74.92
	Monthly Delivery Charge									
12	First 1,000 m <sup>3</sup>	7.8216	1.2026	-	-	-	-	-	-	9.0242
13	Next 9,000 m <sup>3</sup>	6.3511	0.9765	-	-	-	-	-	-	7.3276
14	Next 20,000 m <sup>3</sup>	5.5109	0.8497	-	-	-	-	-	-	6.3606
15	Next 70,000 m <sup>3</sup>	4.9748	0.7670	-	-	-	-	-	-	5.7418
16	Over 100,000 m <sup>3</sup>	2.9433	0.4538	-	-	-	-	-	-	3.3971
	Gas Transportation									
17	Union North West	4.0418	-	-	-	-	-	-	-	4.0418
18	Union North East	2.0982	-	-	-	-	-	-	-	2.0982
	Storage									
19	Union North West	1.6206	-	0.0003	-	-	-	-	-	1.6209
20	Union North East	4.2925	-	0.0007	-	-	-	-	-	4.2932
<u>Rate 20 Medium Volume Firm Service</u>										
21	Monthly Charge	\$1,042.67	-	-	-	-	-	-	\$1.00	\$1,043.67
	Delivery Demand Charge									
22	First 70,000 m <sup>3</sup>	31.8679	1.9364	-	-	-	-	-	-	33.8043
23	All over 70,000 m <sup>3</sup>	18.7399	1.1387	-	-	-	-	-	-	19.8786
	Delivery Commodity Charge									
24	First 852,000 m <sup>3</sup>	0.6309	0.0936	-	-	-	-	-	-	0.7245
25	All over 852,000 m <sup>3</sup>	0.4500	0.0668	-	-	-	-	-	-	0.5168
26	Transportation Account Charge	\$239.45	-	-	-	-	-	-	-	\$239.45
	Gas Supply Demand Charge									
27	Union North West	41.9767	-	0.0107	-	-	-	-	-	41.9874
28	Union North East	42.6525	-	0.0109	-	-	-	-	-	42.6634
	Commodity Transportation 1									
29	Union North West	2.5289	-	-	-	-	-	-	-	2.5289
30	Union North East	1.7634	-	-	-	-	-	-	-	1.7634
	Commodity Transportation 2									
31	Union North West	-	-	-	-	-	-	-	-	-
32	Union North East	-	-	-	-	-	-	-	-	-
	Storage (\$ / GJ)									
33	Demand	18.607	-	-	-	-	-	-	-	18.607
34	Commodity	0.220	-	-	-	-	-	-	-	0.220

Notes

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, pp. 2-4, column (c).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, pp. 8-10, column (c).
- (4) EB-2018-0305 Draft Rate Order, September 30, 2019, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 6, column (d).
- (5) EB-2019-0194 Decision and Rate Order, May 25, 2020, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
- (6) EB-2020-0181 Rate Order, June 3, 2021, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
- (7) 2022 ICM funding request(s) will be filed and implemented at a subsequent date subject to OEB approval.
- (8) Bill 32, the Access to Natural Gas Act, 2018, implemented as part of the July 1, 2019 QRAM (EB-2019-0155 Rate Order, June, 11, 2019, Appendix F).

UNION RATE ZONES  
Total Proposed 2022 Union North and Union South In-franchise Rates

Line No.	Particulars (cents / m <sup>3</sup> )	Proposed	2022	2022	ICM				Bill 32	Total
		Base Rates (1)	DSM Rate (2)	PDO Rate (3)	2019 Rate (4)	2020 Rate (5)	2021 Rate (6)	2022 Rate (7)	\$1 / month Rate (8)	Proposed Rate
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = sum(a-h)
<u>Union North</u>										
<u>Rate 25 Large Volume Interruptible Service</u>										
1	Monthly Charge	\$350.19	-	-	-	-	-	-	-	\$350.19
2	Monthly Delivery Charge (Avg Price)	3.1274	-	-	-	-	-	-	-	3.1274
3	Transportation Account Charge	\$239.45	-	-	-	-	-	-	-	\$239.45
4	Gas Supply Transportation	1.1217	-	-	-	-	-	-	-	1.1217
<u>Rate 100 Large Volume Firm Service</u>										
5	Monthly Charge	\$1,553.83	-	-	-	-	-	-	\$1.00	\$1,554.83
6	Delivery Demand Charge	17.2497	1.8924	-	-	-	-	-	-	19.1421
7	Delivery Commodity Charge	0.2495	0.0265	-	-	-	-	-	-	0.2760
8	Transportation Account Charge	\$239.45	-	-	-	-	-	-	-	\$239.45
Gas Supply Demand Charge										
9	Union North West	77.2479	-	-	-	-	-	-	-	77.2479
10	Union North East	116.6861	-	-	-	-	-	-	-	116.6861
Commodity Transportation 1										
11	Union North West	4.3332	-	-	-	-	-	-	-	4.3332
12	Union North East	6.6730	-	-	-	-	-	-	-	6.6730
Commodity Transportation 2										
13	Union North West	-	-	-	-	-	-	-	-	-
14	Union North East	-	-	-	-	-	-	-	-	-
Storage (\$ / GJ)										
15	Demand	18.607	-	-	-	-	-	-	-	18.607
16	Commodity	0.220	-	-	-	-	-	-	-	0.220
<u>Union South</u>										
<u>Rate M1 - Small Volume General Service</u>										
17	Monthly Charge	\$22.18	-	-	-	-	-	-	\$1.00	\$23.18
Monthly Delivery Commodity Charge										
18	First 100 m <sup>3</sup>	4.2517	0.9587	0.4530	0.1171	0.1158	0.0933	-	-	5.9896
19	Next 150 m <sup>3</sup>	4.0303	0.9088	0.4294	0.1171	0.1158	0.0933	-	-	5.6947
20	All over 250 m <sup>3</sup>	3.4585	0.7799	0.3685	0.1171	0.1158	0.0933	-	-	4.9331
21	Storage	0.8339	-	-	-	-	-	-	-	0.8339
<u>Rate M2 - Large Volume General Service</u>										
22	Monthly Charge	\$73.92	-	-	-	-	-	-	\$1.00	\$74.92
Monthly Delivery Commodity Charge										
23	First 1,000 m <sup>3</sup>	3.9451	0.8985	0.4106	0.1036	0.1033	0.0833	-	-	5.5444
24	Next 6,000 m <sup>3</sup>	3.8704	0.8814	0.4028	0.1036	0.1033	0.0833	-	-	5.4448
25	Next 13,000 m <sup>3</sup>	3.6232	0.8275	0.3782	0.1036	0.1033	0.0833	-	-	5.1191
26	All over 20,000 m <sup>3</sup>	3.3568	0.7667	0.3504	0.1036	0.1033	0.0833	-	-	4.7641
27	Storage	0.7589	-	-	-	-	-	-	-	0.7589

Notes

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, pp. 2-4, column (c).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, pp. 8-10, column (c).
- (4) EB-2018-0305 Draft Rate Order, September 30, 2019, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 6, column (d).
- (5) EB-2019-0194 Decision and Rate Order, May 25, 2020, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
- (6) EB-2020-0181 Rate Order, June 3, 2021, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
- (7) 2022 ICM funding request(s) will be filed and implemented at a subsequent date subject to OEB approval.
- (8) Bill 32, the Access to Natural Gas Act, 2018, implemented as part of the July 1, 2019 QRAM (EB-2019-0155 Rate Order, June, 11, 2019, Appendix F).

UNION RATE ZONES  
Total Proposed 2022 Union North and Union South In-franchise Rates

Line No.	Particulars (cents / m <sup>3</sup> )	Proposed	2022	2022	ICM				Bill 32	Total
		Base Rates (1)	DSM Rate (2)	PDO Rate (3)	2019 Rate (4)	2020 Rate (5)	2021 Rate (6)	2022 Rate (7)	\$1 / month Rate (8)	Proposed Rate
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = sum(a:h)
<u>M4 Firm Commercial/Industrial Contract Rate</u>										
Firm contracts										
Monthly Demand Charge										
1	First 8,450 m <sup>3</sup>	52.4101	8.8599	2.1144	1.3786	1.2430	0.9004		-	66.9064
2	Next 19,700 m <sup>3</sup>	23.4994	3.9725	0.9480	1.3786	1.2430	0.9004		-	31.9419
3	All over 28,150 m <sup>3</sup>	19.7427	3.3375	0.7965	1.3786	1.2430	0.9004		-	27.3987
Monthly Delivery Commodity Charge										
4	First Block	1.3900	0.2982	0.0712	-	-	-		-	1.7594
5	All remaining use	0.5217	0.1119	0.0267	-	-	-		-	0.6603
Interruptible contracts										
6	Monthly Charge	\$725.48	-	-	-	-	-		\$1.00	\$726.48
7	Delivery Commodity Charge (Avg Price)	2.1878	0.6904	0.0393	-	0.0651	-		-	2.9826
<u>M5A Interruptible Commercial/Industrial Contract Rate</u>										
Firm contracts										
8	Monthly Demand Charge	27.2469	8.8642	1.0068	1.2204	0.9728	1.0716		-	40.3827
9	Monthly Delivery Commodity Charge	2.0130	0.6390	0.0164	-	-	-		-	2.6684
Interruptible contracts										
10	Monthly Charge	\$725.48	-	-	-	-	-		\$1.00	\$726.48
11	Delivery Commodity Charge (Avg Price)	2.1878	0.6904	0.0393	-	0.0651	-		-	2.9826
<u>M7 Special Large Volume Contract Rate</u>										
Firm Contracts										
12	Monthly Demand Charge	26.6912	3.0355	1.2158	1.0818	0.7462	0.7973		-	33.5678
13	Monthly Delivery Commodity Charge	0.2229	0.0249	0.0208	-	-	-		-	0.2686
Interruptible / Seasonal Contracts										
14	Monthly Delivery Commodity Charge (Avg Price)	0.6861	0.0746	0.0411	-	0.0738			-	0.8756
<u>M9 Large Wholesale Service</u>										
15	Monthly Demand Charge	20.1633	-	3.9078	1.2991	-	0.8538		-	26.2240
16	Monthly Delivery Commodity Charge	0.1073	-	0.0613	-	-	-		-	0.1686
<u>M10 Small Wholesale Service</u>										
17	Monthly Delivery Commodity Charge	7.1757	-	0.6702	0.1614	-	0.1102		-	8.1175

Notes

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, pp. 2-4, column (c).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, pp. 8-10, column (c).
- (4) EB-2018-0305 Draft Rate Order, September 30, 2019, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 6, column (d).
- (5) EB-2019-0194 Decision and Rate Order, May 25, 2020, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
- (6) EB-2020-0181 Rate Order, June 3, 2021, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
- (7) 2022 ICM funding request(s) will be filed and implemented at a subsequent date subject to OEB approval.
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UNION RATE ZONES

Total Proposed 2022 Union North and Union South In-franchise Rates

Line No.	Particulars (cents / m <sup>3</sup> )	Proposed	2022	2022	ICM				Bill 32	Total
		Base Rates (1)	DSM Rate (2)	PDO Rate (3)	2019 Rate (4)	2020 Rate (5)	2021 Rate (6)	2022 Rate (7)	\$1 / month Rate (8)	Proposed Rate
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = sum(a-h)
<b>Rate T1 Contract Carriage Service</b>										
1	Monthly Charge	\$2,074.16	-	-	-	-	-	-	\$1.00	\$2,075.16
	Monthly Demand Charge									
2	First 28,150 m <sup>3</sup>	31.5750	6.5563	2.6244	1.1130	0.9276	0.7602	-	-	43.5565
3	Next 112,720 m <sup>3</sup>	21.8148	4.5297	1.8132	1.1130	0.9276	0.7602	-	-	30.9585
4	Firm Commodity Charge	0.0834	-	0.0381	-	-	-	-	-	0.1215
5	Interruptible Commodity Charge (Avg Price)	1.3157	0.2698	0.0495	-	-	-	-	-	1.6350
	Storage (\$/GJ's)									
	Demand:									
	Firm injection / withdrawal									
6	Union provides deliverability inventory	1.684	-	-	-	-	-	-	-	1.684
7	Customer provides deliverability inventory	1.415	-	-	-	-	-	-	-	1.415
8	Incremental firm injection right	1.415	-	-	-	-	-	-	-	1.415
9	Interruptible	1.415	-	-	-	-	-	-	-	1.415
10	Space	0.012	-	-	-	-	-	-	-	0.012
11	Commodity (Customer Provides)	0.012	-	-	-	-	-	-	-	0.012
12	Commodity (Union Provides)	0.027	-	-	-	-	-	-	-	0.027
13	Customer supplied fuel	-	-	-	-	-	-	-	-	-
<b>Rate T2 Contract Carriage Service</b>										
14	Monthly Charge	\$6,500.02	-	-	-	-	-	-	\$1.00	\$6,501.02
	Monthly Demand Charge									
15	First 140,870 m <sup>3</sup>	26.2417	2.4659	2.0116	0.9649	0.1761	0.8483	-	-	32.7085
16	All Over 140,870 m <sup>3</sup>	13.8806	1.3044	1.0640	0.9649	0.1761	0.8483	-	-	18.2383
17	Firm Commodity Charge	0.0088	-	0.0132	-	-	-	-	-	0.0220
18	Interruptible Commodity Charge (Avg Price)	1.0499	0.0967	0.0332	-	0.1003	-	-	-	1.2801
	Storage (\$/GJ's)									
	Demand:									
	Firm injection / withdrawal									
19	Union provides deliverability inventory	1.684	-	-	-	-	-	-	-	1.684
20	Customer provides deliverability inventory	1.415	-	-	-	-	-	-	-	1.415
21	Incremental firm injection right	1.415	-	-	-	-	-	-	-	1.415
22	Interruptible	1.415	-	-	-	-	-	-	-	1.415
23	Space	0.012	-	-	-	-	-	-	-	0.012
24	Commodity (Customer Provides)	0.012	-	-	-	-	-	-	-	0.012
25	Commodity (Union Provides)	0.027	-	-	-	-	-	-	-	0.027
26	Customer supplied fuel	-	-	-	-	-	-	-	-	-
<b>Rate T3 Contract Carriage Service</b>										
27	Monthly Charge	\$21,833.55	-	-	-	-	-	-	-	\$21,833.55
28	Monthly Demand Charge	13.8641	-	4.1900	0.9910	-	0.8309	-	-	19.8760
29	Firm Commodity Charge	0.0115	-	0.0495	-	-	-	-	-	0.0610
	Storage (\$/GJ's)									
	Demand:									
	Firm injection / withdrawal									
30	Union provides deliverability inventory	1.684	-	-	-	-	-	-	-	1.684
31	Customer provides deliverability inventory	1.415	-	-	-	-	-	-	-	1.415
32	Incremental firm injection right	1.415	-	-	-	-	-	-	-	1.415
33	Interruptible	1.415	-	-	-	-	-	-	-	1.415
34	Space	0.012	-	-	-	-	-	-	-	0.012
35	Commodity (Customer Provides)	0.012	-	-	-	-	-	-	-	0.012
36	Commodity (Union Provides)	0.027	-	-	-	-	-	-	-	0.027
37	Customer supplied fuel	-	-	-	-	-	-	-	-	-

Notes

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (o).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, pp. 2-4, column (c).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, pp. 8-10, column (c).
- (4) EB-2018-0305 Draft Rate Order, September 30, 2019, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 6, column (d).
- (5) EB-2019-0194 Decision and Rate Order, May 25, 2020, Exhibit B, Tab 2, Schedule 1, Appendix G, p. 2, column (d).
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UNION RATE ZONES  
 Continuity of Rate T1, Rate T2, Rate T3 Firm and Interruptible Transportation Fuel Ratios  
 Including the Parkway Delivery Obligation (PDO) Compressor Fuel Volumes  
 Effective January 1, 2022

Line No.	Particulars	PCI Adjustment to 2021 Approved Fuel Ratios				Incremental 2022 PDO Fuel Adjustment				Total 2022 Transportation Fuel Ratio (%)	
		2021 Fuel Ratio (incl. PDO) (%) (1)	Remove PDO Adj Fuel Ratio (%) (2)	2021 Fuel Ratio (excl. PDO) (%) (3)	PCI Adj Fuel Ratio (%) (4)	2022 Fuel Ratio (excl. PDO) (%) (5)	Incremental PDO Fuel Volumes (GJ) (6)	Incremental Fuel (10 <sup>3</sup> m <sup>3</sup> ) (7)	Annual Delivery Volume (10 <sup>3</sup> m <sup>3</sup> ) (8)		Incremental PDO Fuel Ratio (%) (9)
		(a)	(b)	(c) = (a + b)	(d)	(e) = (c + d)	(f)	(g) = (f) / HV	(h)	(i) = (g / h)	(j) = (e + i)
1	Rate T1	0.341%	-0.072%	0.269%	0.004%	0.273%	12,262	325	415,327	0.078%	0.351%
2	Rate T2	0.297%	-0.033%	0.264%	0.004%	0.268%	51,411	1,362	4,227,903	0.032%	0.300%
3	Rate T3	0.404%	-0.097%	0.307%	0.004%	0.311%	9,900	262	264,209	0.099%	0.411%

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 7, p. 1, column (j).
- (2) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 7, p. 1, column (i).
- (3) PCI of 1.4% shown at Exhibit B, Tab 1, Table 2 applied to column (c) above.
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 4, column (c).
- (5) Conversion to 10<sup>3</sup>m<sup>3</sup> based on a heating value (HV) of 37.75 GJ/10<sup>3</sup>m<sup>3</sup>.

UNION RATE ZONES  
 Continuity of M12 Monthly Transportation Fuel Ratios and Rates including Parkway Delivery Obligation (PDO) Pass-through  
 Firm or Interruptible Transportation Commodity  
Effective January 1, 2022

Line No.	Particulars	VT1 Easterly Dawn to Parkway (TCPL / EGT) With Dawn Compression						VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression						M12-X Westerly Kirkwall to Dawn					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
1	April	0.863	0.012	0.875	0.050	0.926	0.032	0.573	0.008	0.581	(0.004)	0.577	0.020	0.165	0.002	0.167	-	0.167	0.006
2	May	0.610	0.009	0.618	0.040	0.658	0.023	0.386	0.005	0.392	0.002	0.394	0.014	0.165	0.002	0.167	-	0.167	0.006
3	June	0.499	0.007	0.506	0.044	0.550	0.019	0.279	0.004	0.283	0.007	0.290	0.010	0.165	0.002	0.167	-	0.167	0.006
4	July	0.485	0.007	0.492	0.042	0.534	0.018	0.266	0.004	0.270	0.007	0.277	0.010	0.165	0.002	0.167	-	0.167	0.006
5	August	0.382	0.005	0.388	0.038	0.426	0.015	0.166	0.002	0.168	(0.000)	0.168	0.006	0.165	0.002	0.167	-	0.167	0.006
6	September	0.378	0.005	0.384	0.037	0.421	0.015	0.165	0.002	0.168	(0.000)	0.168	0.006	0.165	0.002	0.167	-	0.167	0.006
7	October	0.750	0.010	0.760	0.030	0.791	0.027	0.498	0.007	0.505	(0.018)	0.487	0.017	0.165	0.002	0.167	-	0.167	0.006
8	November	0.904	0.013	0.916	0.026	0.942	0.032	0.649	0.009	0.659	0.001	0.659	0.023	0.165	0.002	0.167	-	0.167	0.006
9	December	1.017	0.014	1.031	0.036	1.067	0.037	0.756	0.011	0.766	0.017	0.783	0.027	0.165	0.002	0.167	-	0.167	0.006
10	January	1.168	0.016	1.185	0.044	1.229	0.042	0.894	0.013	0.906	0.023	0.930	0.032	0.165	0.002	0.167	-	0.167	0.006
11	February	1.111	0.016	1.127	0.040	1.167	0.040	0.846	0.012	0.857	0.019	0.876	0.030	0.165	0.002	0.167	-	0.167	0.006
12	March	1.046	0.015	1.061	0.028	1.089	0.038	0.774	0.011	0.785	(0.001)	0.784	0.027	0.165	0.002	0.167	-	0.167	0.006
Line No.	Particulars	M12-X Easterly Kirkwall to Parkway (TCPL / EGT)						M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)						M12-X Westerly Parkway to Kirkwall, Dawn					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
13	April	0.455	0.006	0.461	0.054	0.515	0.018	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
14	May	0.388	0.005	0.394	0.038	0.432	0.015	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
15	June	0.384	0.005	0.389	0.037	0.426	0.015	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
16	July	0.383	0.005	0.389	0.036	0.425	0.015	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
17	August	0.381	0.005	0.386	0.038	0.425	0.015	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
18	September	0.378	0.005	0.383	0.037	0.420	0.014	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
19	October	0.416	0.006	0.422	0.048	0.470	0.016	0.165	0.002	0.167	-	0.167	0.006	0.288	0.004	0.293	0.024	0.316	0.011
20	November	0.419	0.006	0.424	0.025	0.450	0.016	0.165	0.002	0.167	-	0.167	0.006	0.165	0.002	0.167	-	0.167	0.006
21	December	0.426	0.006	0.432	0.019	0.451	0.016	0.165	0.002	0.167	-	0.167	0.006	0.165	0.002	0.167	-	0.167	0.006
22	January	0.439	0.006	0.445	0.020	0.466	0.016	0.165	0.002	0.167	-	0.167	0.006	0.165	0.002	0.167	-	0.167	0.006
23	February	0.430	0.006	0.436	0.021	0.457	0.016	0.165	0.002	0.167	-	0.167	0.006	0.165	0.002	0.167	-	0.167	0.006
24	March	0.437	0.006	0.443	0.029	0.472	0.016	0.165	0.002	0.167	-	0.167	0.006	0.165	0.002	0.167	-	0.167	0.006

UNION RATE ZONES

Continuity of M12 Monthly Transportation Authorized Overrun Fuel Ratios and Rates including Parkway Delivery Obligation (PDO) Pass-through  
 Firm or Interruptible Transportation Commodity  
Effective January 1, 2022

Line No.	Particulars	VT1 Easterly Dawn to Parkway (TCPL / EGT) With Dawn Compression						VT1 Easterly Dawn to Kirkwall, Lisgar, Parkway (Consumers) With Dawn Compression						M12-X Westerly Kirkwall to Dawn					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
1	April	1.509	0.021	1.530	0.050	1.580	0.176	1.219	0.017	1.236	(0.004)	1.232	0.164	0.810	0.011	0.822	-	0.822	0.178
2	May	1.256	0.018	1.273	0.040	1.313	0.167	1.032	0.014	1.046	0.002	1.048	0.157	0.810	0.011	0.822	-	0.822	0.178
3	June	1.144	0.016	1.160	0.044	1.205	0.163	0.925	0.013	0.938	0.007	0.945	0.154	0.810	0.011	0.822	-	0.822	0.178
4	July	1.131	0.016	1.147	0.042	1.189	0.162	0.912	0.013	0.925	0.007	0.931	0.153	0.810	0.011	0.822	-	0.822	0.178
5	August	1.028	0.014	1.042	0.038	1.081	0.159	0.811	0.011	0.823	(0.000)	0.823	0.150	0.810	0.011	0.822	-	0.822	0.178
6	September	1.024	0.014	1.038	0.037	1.076	0.158	0.811	0.011	0.822	(0.000)	0.822	0.150	0.810	0.011	0.822	-	0.822	0.178
7	October	1.396	0.020	1.415	0.030	1.445	0.171	1.144	0.016	1.160	(0.018)	1.142	0.161	0.810	0.011	0.822	-	0.822	0.178
8	November	1.549	0.022	1.571	0.026	1.597	0.176	1.295	0.018	1.313	0.001	1.314	0.167	0.810	0.011	0.822	-	0.822	0.178
9	December	1.662	0.023	1.686	0.036	1.722	0.181	1.401	0.020	1.421	0.017	1.438	0.171	0.810	0.011	0.822	-	0.822	0.178
10	January	1.814	0.025	1.840	0.044	1.883	0.186	1.540	0.022	1.561	0.023	1.585	0.176	0.810	0.011	0.822	-	0.822	0.178
11	February	1.757	0.025	1.782	0.040	1.821	0.184	1.491	0.021	1.512	0.019	1.531	0.174	0.810	0.011	0.822	-	0.822	0.178
12	March	1.692	0.024	1.716	0.028	1.744	0.181	1.419	0.020	1.439	(0.001)	1.438	0.171	0.810	0.011	0.822	-	0.822	0.178
Line No.	Particulars	M12-X Easterly Kirkwall to Parkway (TCPL / EGT)						M12-X Easterly Kirkwall to Lisgar, Parkway (Consumers)						M12-X Westerly Parkway to Kirkwall, Dawn					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
13	April	1.100	0.015	1.116	0.054	1.170	0.190	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
14	May	1.034	0.014	1.048	0.038	1.087	0.187	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
15	June	1.029	0.014	1.044	0.037	1.081	0.187	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
16	July	1.029	0.014	1.043	0.036	1.079	0.187	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
17	August	1.027	0.014	1.041	0.038	1.079	0.187	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
18	September	1.023	0.014	1.038	0.037	1.075	0.187	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
19	October	1.062	0.015	1.077	0.048	1.125	0.189	0.810	0.011	0.822	-	0.822	0.178	0.934	0.013	0.947	0.024	0.971	0.183
20	November	1.064	0.015	1.079	0.025	1.105	0.188	0.810	0.011	0.822	-	0.822	0.178	0.810	0.011	0.822	-	0.822	0.178
21	December	1.071	0.015	1.086	0.019	1.105	0.188	0.810	0.011	0.822	-	0.822	0.178	0.810	0.011	0.822	-	0.822	0.178
22	January	1.085	0.015	1.100	0.020	1.120	0.189	0.810	0.011	0.822	-	0.822	0.178	0.810	0.011	0.822	-	0.822	0.178
23	February	1.076	0.015	1.091	0.021	1.112	0.188	0.810	0.011	0.822	-	0.822	0.178	0.810	0.011	0.822	-	0.822	0.178
24	March	1.083	0.015	1.098	0.029	1.127	0.189	0.810	0.011	0.822	-	0.822	0.178	0.810	0.011	0.822	-	0.822	0.178

UNION RATE ZONES

Continuity of M13, M16, M17 Monthly Transportation Fuel Ratios and Rates including Parkway Delivery Obligation (PDO) Pass-through  
 Firm or Interruptible Transportation Commodity  
Effective January 1, 2022

Line No.	Particulars	M13 Delivery Commodity Charge						M13 Authorized overrun - Delivery Commodity Charge					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)
1		0.165	0.002	0.167	-	0.167	0.006	0.165	0.002	0.167	-	0.167	0.122

Line No.	Particulars	M16 Fuel Charges to Dawn						M16 Fuel Charges to Pool					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)
2	East	0.165	0.002	0.167	0.000	0.167	0.006	0.165	0.002	0.167	0.027	0.194	0.007
3	West	0.165	0.002	0.167	0.000	0.167	0.006	0.468	0.007	0.474	0.000	0.474	0.016

Line No.	Particulars	M16 Authorized overrun - Fuel Charges to Dawn						M16 Authorized Overrun - Fuel Charges to Pool					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)
4	East	0.165	0.002	0.167	0.000	0.167	0.069	0.165	0.002	0.167	0.027	0.194	0.033
5	West	0.165	0.002	0.167	0.000	0.167	0.122	0.468	0.007	0.474	0.000	0.474	0.096

Line No.	Particulars	M17 Fuel Charges - Dawn to Delivery Area						M17 Fuel Charges - Kirkwall to Delivery Area or Dawn						M17 Fuel Charges - Parkway to Delivery Area or Dawn					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
6	Summer	0.334	0.005	0.338	-0.001	0.337	0.012	0.165	0.002	0.167	0.000	0.167	0.006	0.289	0.004	0.293	0.024	0.316	0.011
7	Winter	0.784	0.011	0.795	0.012	0.806	0.028	0.165	0.002	0.167	0.000	0.167	0.006	0.165	0.002	0.167	0.000	0.167	0.006

Line No.	Particulars	M17 Authorized overrun - Dawn to Delivery Area						M17 Authorized Overrun - Kirkwall to Delivery Area or Dawn						M17 Authorized Overrun - Parkway to Delivery Area or Dawn					
		2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO)	PCI Adj Fuel Ratio	2022 Fuel Ratio (excl. PDO)	PDO Adj Fuel Ratio	2022 Fuel Ratio (incl. PDO)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
8	Summer	0.979	0.014	0.993	(0.001)	0.992	0.184	0.810	0.011	0.822	0.000	0.822	0.120	0.934	0.013	0.947	0.024	0.971	0.126
9	Winter	1.429	0.020	1.449	0.012	1.461	0.201	0.810	0.011	0.822	0.000	0.822	0.120	0.810	0.011	0.822	0.000	0.822	0.120

UNION RATE ZONES  
 Continuity of C1 Monthly Transportation Fuel Ratios and Rates including Parkway Delivery Obligation (PDO) Pass-through  
 Firm or Interruptible Transportation Commodity  
Effective January 1, 2022

Line No.	Particulars	C1 St. Clair / Dawn						C1 Ojibway / Dawn						C1 Bluewater / Dawn					
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
1	Summer	0.216	0.003	0.219	0.000	0.219	0.008	0.468	0.007	0.474	0.000	0.474	0.016	0.216	0.003	0.219	0.000	0.219	0.008
2	Winter	0.278	0.004	0.282	0.000	0.282	0.010	0.317	0.004	0.322	0.000	0.322	0.011	0.278	0.004	0.282	0.000	0.282	0.010
		C1 Dawn to Dawn-TCPL						C1 Dawn to Dawn-Vector											
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)						
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)						
3	Summer	0.165	0.002	0.167	0.000	0.167	0.006	0.355	0.005	0.360	0.000	0.360	0.012						
4	Winter	0.368	0.005	0.373	0.000	0.373	0.013	0.165	0.002	0.167	0.000	0.167	0.006						
		C1 Parkway to Kirkwall						C1 Parkway to Dawn						C1 Kirkwall to Dawn					
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
5	Summer	0.289	0.004	0.293	0.024	0.316	0.011	0.289	0.004	0.293	0.024	0.316	0.011	0.165	0.002	0.167	0.000	0.167	0.006
6	Winter	0.165	0.002	0.167	0.000	0.167	0.006	0.165	0.002	0.167	0.000	0.167	0.006	0.165	0.002	0.167	0.000	0.167	0.006
		C1 Dawn to Kirkwall						C1 Dawn to Parkway (TCPL)						C1 Kirkwall to Parkway					
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)
7	Summer	0.334	0.005	0.338	-0.001	0.337	0.012	0.567	0.008	0.575	0.040	0.615	0.021	0.398	0.006	0.403	0.041	0.445	0.015
8	Winter	0.784	0.011	0.795	0.012	0.806	0.028	1.049	0.015	1.064	0.035	1.099	0.038	0.430	0.006	0.436	0.023	0.459	0.016

UNION RATE ZONES  
 Continuity of C1 Monthly Transportation Authorized Overrun Fuel Ratios and Rates including Parkway Delivery Obligation (PDO) Pass-through  
 Firm or Interruptible Transportation Commodity  
 Effective January 1, 2022

Line No.	Particulars	C1 Authorized Overrun - St. Clair / Dawn						C1 Authorized Overrun - Ojibway / Dawn						C1 Authorized Overrun - Bluewater / Dawn						
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)	
1	Summer	0.216	0.003	0.219	0.000	0.219	0.087	0.468	0.007	0.474	0.000	0.474	0.096	0.216	0.003	0.219	0.000	0.219	0.087	
2	Winter	0.278	0.004	0.282	0.000	0.282	0.089	0.317	0.004	0.322	0.000	0.322	0.091	0.278	0.004	0.282	0.000	0.282	0.089	
		C1 Authorized Overrun - Dawn to Dawn-TCPL						C1 Authorized Overrun - Dawn to Dawn-Vector												
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)							
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)							
3	Summer	0.165	0.002	0.167	0.000	0.167	0.006	0.355	0.005	0.360	0.000	0.360	0.012							
4	Winter	0.368	0.005	0.373	0.000	0.373	0.013	0.165	0.002	0.167	0.000	0.167	0.006							
		C1 Authorized Overrun - Parkway to Kirkwall						C1 Authorized Overrun - Parkway to Dawn						C1 Authorized Overrun - Kirkwall to Dawn						
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)	
5	Summer	0.934	0.013	0.947	0.024	0.971	0.155	0.934	0.013	0.947	0.024	0.971	0.155	0.810	0.011	0.822	0.000	0.822	0.079	
6	Winter	0.810	0.011	0.822	0.000	0.822	0.150	0.810	0.011	0.822	0.000	0.822	0.150	0.810	0.011	0.822	0.000	0.822	0.079	
		C1 Authorized Overrun - Dawn to Kirkwall						C1 Authorized Overrun - Dawn to Parkway (TCPL)						C1 Authorized Overrun - Kirkwall to Parkway						
		2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	2021 Fuel Ratio (excl. PDO) (%)	PCI Adj Fuel Ratio (%)	2022 Fuel Ratio (excl. PDO) (%)	PDO Adj Fuel Ratio (%)	2022 Fuel Ratio (incl. PDO) (%)	2022 Fuel Rate (\$/GJ)	
		(a)	(b)	(c) = (a+b)	(d)	(e) = (c+d)	(f)	(g)	(h)	(i) = (g+h)	(j)	(k) = (i+j)	(l)	(m)	(n)	(o) = (m+n)	(p)	(q) = (o+p)	(r)	
7	Summer	0.979	0.014	0.993	-0.001	0.992	0.137	1.212	0.017	1.229	0.040	1.270	0.165	1.043	0.015	1.058	0.041	1.099	0.056	
8	Winter	1.429	0.020	1.449	0.012	1.461	0.153	1.695	0.024	1.719	0.035	1.753	0.182	1.076	0.015	1.091	0.023	1.114	0.057	

UNION RATE ZONES  
 Union North  
 Calculation of Supplemental Service Charges  
 Commissioning and Decommissioning Rates  
 Effective January 1, 2022

Line No.	Particulars	Union North West (a)	Union North East (b)
<b><u>Rate 20 - At 50% Load Factor</u></b>			
<u>Delivery (cents / m<sup>3</sup>)</u>			
1	Monthly Demand (1)	33.8043	33.8043
2	Line 1 x 12 months	405.6516	405.6516
3	Line 2 / 365 days	1.1114	1.1114
4	Line 3 @ 50% Load Factor	2.2227	2.2227
5	Delivery Commodity Charge (1)	0.7245	0.7245
6	Total Delivery Commissioning and Decommissioning	2.9472	2.9472
<u>Gas Supply (cents / m<sup>3</sup>)</u>			
7	Monthly Demand (1)	41.9874	42.6634
8	Gas Supply Demand - Price Adjustment (1)	-	-
9	(Line 7 + Line 8) x 12 months	503.8488	511.9608
10	Line 9 / 365 days	1.3804	1.4026
11	Line 10 @ 50% Load Factor	2.7608	2.8053
12	Commodity Transportation 1 (1)	2.5289	1.7634
13	Commodity Transportation 1 - Price Adjustment (1)	0.1947	(0.1792)
14	(Line 12 + Line 13) x (4/5)	2.1789	1.2674
15	Commodity Transportation 2 (1)	-	-
16	Line 15 * (1/5)	-	-
17	Total Commodity Transportation Charge for Commissioning and Decommissioning Rate	4.9397	4.0726
<b><u>Rate 100 - At 70% Load Factor</u></b>			
<u>Delivery (cents / m<sup>3</sup>)</u>			
18	Monthly Demand (2)	19.1421	19.1421
19	Line 18 x 12 months	229.7052	229.7052
20	Line 19 / 365 days	0.6293	0.6293
21	Line 20 @ 70% Load Factor	0.8990	0.8990
22	Commodity Charge (2)	0.2760	0.2760
23	Total Delivery Commissioning and Decommissioning	1.1750	1.1750
<u>Gas Supply (cents / m<sup>3</sup>)</u>			
24	Monthly Demand (2)	77.2479	116.6861
25	Line 24 x 12 months	926.9748	1,400.2332
26	Line 25 / 365 days	2.5397	3.8363
27	Line 26 @ 70% Load Factor	3.6281	5.4804
28	Commodity Transportation 1 (2)	4.3332	6.6730
29	Line 28 * (3/7)	1.8571	2.8599
30	Commodity Transportation 2 (2)	-	-
31	Line 30 * (4/7)	-	-
32	Total Commodity Transportation Charge for Commissioning and Decommissioning Rate	5.4852	8.3402

**Notes:**

- (1) Appendix A, p. 3.
- (2) Appendix A, p. 4.



UNION RATE ZONES  
 Union South  
 Calculation of Supplemental Service Charges  
Effective January 1, 2022

Line No.	Particulars	cents / m <sup>3</sup>	\$ / GJ
		(a)	(b)
	<u>Gas Supply Admin Charge</u>		
1	EB-2020-0095 Gas Supply Administration Costs (\$000's) (1)	7,008	
2	Price Cap Index 1.4% (\$000's)	99	
3	2022 Capital Pass-Throughs (\$000's) (2)	<u>2</u>	
4	EB-2021-0147 Gas Supply Administration Costs (\$000's)	7,109	
5	2013 Approved Sales Volumes (10 <sup>3</sup> m <sup>3</sup> ) (3)	3,533,863	
6	Gas Supply Admin Charge Unit Rate (line 4 / line 5)	<u>0.2012</u>	
	<u>Minimum Annual Gas Supply Commodity Charge - Rate M4, Rate M5A</u>		
7	Compressor Fuel	-	
8	Transportation Tolls	-	
9	Administration Charge	0.2012	
10	Minimum annual gas supply commodity charge	<u>0.2012</u>	<u>0.051</u>
	<u>Gas Supply Commodity Charges</u>		
11	Commodity Cost of Gas	13.5615	
12	FT Transportation Commodity	-	
13	FT Fuel	-	
14	Total Gas Supply Commodity Charge	<u>13.5615</u>	<u>3.449</u>
	<u>Firm Gas Supply Service Monthly Demand Charge</u>		
15	FT Demand Charge	<u>166.0366</u>	<u>42.227</u>
	<u>Firm Backstop Gas:</u>		
	Demand:		
16	Monthly space charge	0.0472	
17	Units required (4)	43	
18	Number of months	<u>12</u>	
	Inventory carrying costs:		
19	Sales WACOG	13.4803	
20	Overrun storage withdrawal	0.3893	
21		<u>13.8696</u>	
22	Units required (m <sup>3</sup> )	43	
23	Pre-tax return (%)	8.170%	
24	Annual demand charge	<u>48.7252 (b)</u>	
25	Number of months	<u>12</u>	
26	Monthly demand charge	<u>6.0893</u>	<u>1.549</u>
	Commodity:		
27	Sales WACOG	13.4803	
28	Overrun storage withdrawal	0.3893	
29	Rate T1 - Overrun transportation	1.6011	
30	Rate T1 - Facility Carbon charge	0.0127	
31	Commodity charge	<u>15.4834</u>	<u>3.938</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 8, p. 2, line 4.
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 1, column (c), line 25 .
- (3) EB-2011-0210, Rate Order, Working Papers, Schedule 14, column (a).
- (4) Each unit of added delivery requires 43 m<sup>3</sup> of additional inventory.

UNION RATE ZONES  
 Union South  
 Calculation of Supplemental Service Charges  
Effective January 1, 2022

Line No.	Particulars	cents / m <sup>3</sup> (a)	\$ / GJ (b)
<u>Reasonable Efforts Backstop Gas:</u>			
1	Rate M1 - Block 1 delivery rate	5.9896	
2	Rate M1 - Storage rate	0.8339	
3	Rate M1 - Facility Carbon charge	0.0127	
4	Sales WACOG	13.4803	
5	Total	20.3165	5.167
<u>Supplemental Inventory:</u>			
6	Sales WACOG	13.4803	
7	Injection commodity	0.1734	
8	Space charge (p. 2, line 16 x 12)	0.5662	
9		14.2199	3.616
	Carrying costs (1/2 year)		
10	(line 9 x p. 2, line 23) / 2	0.5809	
11	Total (line 9 + line 10)	14.8008	3.764
<u>Supplemental Gas Sales:</u>			
12	Supplemental inventory	14.8008	
13	Overrun storage withdrawal	0.3893	
14	Rate T1 - Overrun transportation	1.6011	
15	Rate T1 - Facility Carbon charge	0.0127	
16	Total	16.8039	
<u>Failure to Deliver:</u>			
17	Rate M1 - Block 1 delivery rate	5.9896	
18	Rate M1 - Storage rate	0.8339	
19	Rate M1 - Facility Carbon charge	0.0127	0.003
20	Failure to Deliver Adjustment	5.1708	1.315
21	Failure to Deliver Charge	12.0070	3.054
<u>Parkway Delivery Commitment Incentive ("PDCI")</u>			
22	Rate M12 Dawn to Parkway demand rate		3.689
23	Line 19 x 12 months		44.2680
24	Line 20 / 365 days		0.121
25	Rate M12 average Dawn to Parkway (TCPL / EGT) fuel rate (1)		0.028
26	Rate M12 Dawn to Parkway Facility Carbon Charge		0.003
27	Total (line 24 + line 25 + line 26) * (-1)		(0.152)

Notes:

(1) Exhibit D, Tab 2, Rate Order, Appendix B, Rate M12 Rate Schedule C, p. 1, average of Dawn to Parkway (TCPL / EGT) monthly fuel ratio at April 1, 2021 QRAM Dawn Reference WACOG. The PDCI fuel costs will be updated for October 1, 2021 QRAM as part of the final rate order

UNION RATE ZONES  
 Union South  
 Calculation of Supplemental Service Charges  
 Calculation of Minimum & Maximum Charges  
Effective January 1, 2022

Line No.	Particulars	cents / m <sup>3</sup> (a)
<u>Minimum Charges</u>		
1	Rate M4 (F) Minimum annual delivery commodity charge:	
2	Monthly delivery commodity charge (Rate M4 1st Block)	1.7594
3	Gas Supply Admin Charge	0.2012
		<u>1.9606</u>
4	Rate M4 (I) / M5 Minimum annual delivery commodity charge:	
5	Monthly delivery commodity charge (Rate M5 1st Block)	3.2879
6	Gas Supply Admin Charge	0.2012
		<u>3.4891</u>
<u>Maximum Charges</u>		
7	Rate 25 Interruptible Average Rate 10 Firm Delivery Charge	6.5352
8	Percent of Average Firm Delivery Price	90%
9	Rate 25 Maximum interruptible delivery commodity charge	<u>5.8817</u>
10	Rate M7 Interruptible Maximum interruptible delivery commodity charge:	
11	Rate M7 firm commodity charge	0.2686
12	Rate M7 firm demand charge commoditized at a Load Factor of 18.39%	6.0020
	Rate M7 maximum interruptible charge	<u>6.2706</u>
13	Rate T1 Interruptible Maximum interruptible delivery commodity charge	<u>6.2706</u>
14	Rate T2 Interruptible Maximum interruptible delivery commodity charge	<u>6.2706</u>
<u>Rate M7 - Commissioning and Decommissioning Rate</u>		
15	Delivery (cents / m <sup>3</sup> ) Monthly Demand (1)	33.5678
16	Annual Demand (line 15 x 12 months)	402.8136
17	Daily Demand (line 16 / 365 days)	1.1036
18	@ Class Average Firm Load Factor of 26.27%	4.2014
19	Delivery Commodity Charge (1)	0.2686
20	Delivery - Price Adjustment	-
21	Total Delivery Commissioning and Decommissioning (line 18 + line 19 + line 20)	<u>4.4700</u>

Notes:

(1) Appendix A, p. 9.

UNION RATE ZONES  
 Union South  
 Calculation of Supplemental Service Charges  
Effective January 1, 2022

Line No.	Particulars	Union Supplies Fuel (a)	Customer Supplies Fuel (b)
<u>Rate T1 / Rate T2 / Rate T3 - At 100% Load Factor</u>			
	Authorized Storage Overrun (\$ / GJ)		
1	Monthly Demand (1)	1.684	1.684
2	Annual Demand (line 1 x 12 months)	20.208	20.208
3	Daily Demand (line 2 / 365 days)	0.055	0.055
4	@ 100% Load Factor	0.055	0.055
5	Commodity Charge (2)	0.044	0.012
6	Total Storage Overrun (line 4 + line 5)	<u>0.099</u>	<u>0.067</u>
<u>Rate T1 - At 100% Load Factor</u>			
	Authorized Transportation Overrun (cents / m <sup>3</sup> )		
7	Monthly Demand (3)	43.5565	43.5565
8	Annual Demand (line 7 x 12 months)	522.6780	522.6780
9	Daily Demand (line 8 / 365 days)	1.4320	1.4320
10	@ 100% Load Factor	1.4320	1.4320
11	Commodity Charge (4)	0.1691	0.1215
12	Total Transportation Overrun (line 10 + line 11)	<u>1.6011</u>	<u>1.5535</u>
<u>Rate T2 - At 100% Load Factor</u>			
	Authorized Transportation Overrun (cents / m <sup>3</sup> )		
13	Monthly Demand (5)	32.7085	32.7085
14	Annual Demand (line 13 x 12 months)	392.5020	392.5020
15	Daily Demand (line 14 / 365 days)	1.0753	1.0753
16	@ 100% Load Factor	1.0753	1.0753
17	Commodity Charge (6)	0.0627	0.0220
18	Total Transportation Overrun (line 16 + line 17)	<u>1.1380</u>	<u>1.0973</u>
<u>Rate T3 - At 100% Load Factor</u>			
	Authorized Transportation Overrun (cents / m <sup>3</sup> )		
19	Monthly Demand (7)	19.8760	19.8760
20	Annual Demand (line 19 x 12 months)	238.5120	238.5120
21	Daily Demand (line 20 / 365 days)	0.6535	0.6535
22	@ 100% Load Factor	0.6535	0.6535
23	Commodity Charge (8)	0.1167	0.0610
24	Total Transportation Overrun (line 22 + line 23)	<u>0.7702</u>	<u>0.7145</u>

Notes:

- (1) Appendix A, p. 10.
- (2) Column (a) calculated as  $WACOG / \text{Heat Value} * \text{Overrun Fuel Ratio} + \text{Injection Commodity} = \$135.615 / 10^3\text{m}^3 / 39.32 \text{ GJ}/10^3\text{m}^3 * 0.931\% + \$0.012/\text{GJ}$ .
- (3) Appendix A, p. 10.
- (4) Column (a) calculated as  $WACOG / 10 * \text{Transportation Fuel Ratio} + \text{Firm Commodity Transport} = \$135.615 / 10^3\text{m}^3 / 10 * 0.351\% + 0.1215 \text{ cents}/\text{m}^3$ .
- (5) Appendix A, p.11.
- (6) Column (a) calculated as  $WACOG / 10 * \text{Transportation Fuel Ratio} + \text{Firm Commodity Transport} = \$135.615 / 10^3\text{m}^3 / 10 * 0.300\% + 0.0220 \text{ cents}/\text{m}^3$ .
- (7) Appendix A, p.12.
- (8) Column (a) calculated as  $WACOG / 10 * \text{Transportation Fuel Ratio} + \text{Firm Commodity Transport} = \$135.615 / 10^3\text{m}^3 / 10 * 0.411\% + 0.0610 \text{ cents}/\text{m}^3$ .

UNION RATE ZONES  
 Union South  
 Calculation of Union Supplied Fuel Rates for  
 In-Franchise Semi-Unbundled Rate T1, Rate T2 and Rate T3  
Effective January 1, 2022

Line No.	Particulars	Union Supplies Fuel (a)	Customer Supplies Fuel (b)
<u>Rate T1 Transportation Service (cents/m<sup>3</sup>)</u>			
1	Dawn Price as per EB-2021-0147	13.5615	
2	2022 Fuel Ratio as per EB-2021-0147	0.351%	
3	Fuel Rate (line 1 x line 2)	0.0476	
4	Firm Transportation Commodity Charge	0.1215	0.1215
5	All Volumes	<u>0.1691</u>	<u>0.1215</u>
6	Interruptible Transportation Commodity Charge - Maximum	<u>6.2706</u>	<u>6.2230</u>
<u>Rate T2 Transportation Service (cents/m<sup>3</sup>)</u>			
7	Dawn Price as per EB-2021-0147	13.5615	
8	2022 Fuel Ratio as per EB-2021-0147	0.300%	
9	Fuel Rate (line 7 x line 8)	0.0407	
10	Firm Transportation Commodity Charge	0.0220	0.0220
11	All Volumes	<u>0.0627</u>	<u>0.0220</u>
12	Interruptible Transportation Commodity Charge - Maximum	<u>6.2706</u>	<u>6.2299</u>
<u>Rate T3 Transportation Service (cents/m<sup>3</sup>)</u>			
13	Dawn Price as per EB-2021-0147	13.5615	
14	2022 Fuel Ratio as per EB-2021-0147	0.411%	
15	Fuel Rate (line 13 x line 14)	0.0557	
16	Firm Transportation Commodity Charge	0.0610	0.0610
17	All Volumes	<u>0.1167</u>	<u>0.0610</u>
<u>Rate T1, Rate T2 &amp; Rate T3 Storage Service (\$/GJ)</u>			
18	Dawn Price as per EB-2021-0147	3.449	
19	2022 Fuel Ratio as per EB-2021-0147	0.430%	
20	Fuel Rate (line 18 x line 19)	0.015	
21	Storage Commodity Charge	0.012	0.012
22	All Volumes	<u>0.027</u>	<u>0.012</u>
<u>Rate T1, Rate T2 &amp; Rate T3 Annual Firm Injection/Withdrawal Right</u>		<u>\$/ GJ</u>	
		(a)	
23	Customer provides deliverability Inventory Rate	1.415 (1)	
Inventory Carrying Costs			
24	Space	75,177,124 (2)	
25	Inventory Percentage	20%	
26	Inventory (line 24 x line 25)	<u>15,035,425</u>	
27	Dawn Price as per EB-2021-0147	3.449	
28	ICC %	8.17%	
29	Inventory Carrying Costs (line 26 * line 27 * line 28 / 1000)	<u>4,237</u>	
30	Deliverability Demand Allocation Units	1,332,764 (3)	
31	Line 29 / line 30 x 1000 / 12	0.265	
32	Union provides deliverability Inventory as per EB-2021-0147 (line 23 + line 31)	<u>1.680</u>	

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, p. 16, line 2, column (o).
- (2) EB-2011-0210, Rate Order, Working Papers, Schedule 19, p. 2, line 8, column (b).
- (3) EB-2011-0210, Rate Order, Working Papers, Schedule 19, p. 1, line 5, column (e).

UNION RATE ZONES  
Summary of Approved 2021 Revenue Changes

Line No.	Particulars (\$000's)	2021 Base Revenue	2021 Revenue Changes		2021 Base Revenue	DSM	PDO	ICM	2021 Total Revenue
		EB-2020-0095 2021 Rates (1)	EB-2020-0264 Jan-21 QRAM (2)	EB-2021-0070 Apr-21 QRAM (3)	EB-2020-0095 2021 Rates	EB-2020-0095 2021 Rates	EB-2020-0095 2021 Rates	EB-2020-0181 2021 Rates	EB-2021-0147 2021 Rates
		(a)	(b)	(c)	(d) = (sum a:c)	(e)	(f)	(g)	(h) = (sum d:g)
<u>North Delivery</u>									
1	Rate 01	164,217	203	114	164,534	6,625	-	-	171,159
2	Rate 10	20,137	61	35	20,233	3,127	-	-	23,360
3	Rate 20	15,011	21	12	15,043	1,753	-	-	16,797
4	Rate 25	5,212	-	-	5,212	-	-	-	5,212
5	Rate 100	17,126	1	0	17,126	1,147	-	-	18,273
6	Total In-Franchise North Delivery	<u>221,704</u>	<u>285</u>	<u>161</u>	<u>222,149</u>	<u>12,652</u>	<u>-</u>	<u>-</u>	<u>234,801</u>
<u>South Delivery &amp; Storage</u>									
7	Rate M1	409,326	371	209	409,905	27,446	12,108	10,127	459,586
8	Rate M2	52,077	125	70	52,272	10,658	4,656	3,712	71,298
9	Rate M4	13,278	39	22	13,340	4,743	1,112	1,706	20,900
10	Rate M5A	10,534	50	28	10,613	522	25	56	11,215
11	Rate M7	4,007	15	8	4,030	2,034	910	959	7,933
12	Rate M9	848	6	4	858	-	303	113	1,273
13	Rate M10	13	0	0	13	-	2	1	16
14	Rate T1	10,642	7	2	10,651	1,569	795	733	13,748
15	Rate T2	51,351	21	7	51,379	4,725	4,286	5,652	66,043
16	Rate T3	5,819	-	-	5,819	-	1,278	514	7,611
17	Total In-Franchise South Delivery and Storage	<u>557,896</u>	<u>634</u>	<u>350</u>	<u>558,880</u>	<u>51,698</u>	<u>25,475</u>	<u>23,573</u>	<u>659,625</u>
18	Total In-franchise Delivery	<u>779,600</u>	<u>920</u>	<u>511</u>	<u>781,029</u>	<u>64,350</u>	<u>25,475</u>	<u>23,573</u>	<u>894,426</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (l).
- (2) EB-2020-0264, Exhibit E, Tab 2, Schedule 2, p. 1, column (a); and EB-2020-0264, Exhibit E, Tab 2, Schedule 3, column (g)
- (3) EB-2021-0070, Exhibit E, Tab 2, Schedule 2, p. 1, column (a); and EB-2021-0070, Exhibit E, Tab 2, Schedule 3, column (g)

UNION RATE ZONES  
Summary of Approved 2021 Revenue Changes

Line No.	Particulars (\$000's)	2021 Base Revenue	2021 Revenue Changes		2021 Base Revenue	DSM	PDO	ICM	2021 Total Revenue
		EB-2020-0095 2021 Rates (1)	EB-2020-0264 Jan-21 QRAM (2)	EB-2021-0070 Apr-21 QRAM (3)	EB-2020-0095 2021 Rates	EB-2020-0095 2021 Rates	EB-2020-0095 2021 Rates	EB-2020-0181 2021 Rates	EB-2021-0147 2021 Rates
		(a)	(b)	(c)	(d) = (sum a:c)	(e)	(f)	(g)	(h) = (sum d:g)
<u>North Transportation &amp; Storage</u>									
1	Rate 01	67,084	3,976	58	71,117	-	6	-	71,123
2	Rate 10	19,523	1,233	21	20,777	-	2	-	20,780
3	Rate 20	6,186	194	9	6,389	-	1	-	6,390
4	Rate 25	451	29	2	481	-	-	-	481
5	Rate 100	280	30	0	310	-	-	-	310
6	Total Northern Transportation and Storage	<u>93,524</u>	<u>5,461</u>	<u>90</u>	<u>99,075</u>	<u>-</u>	<u>9</u>	<u>-</u>	<u>99,084</u>
7	Gas Supply Admin Charge	<u>7,008</u>	<u>-</u>	<u>-</u>	<u>7,008</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>7,008</u>
8	Total In-Franchise	<u>880,131</u>	<u>6,381</u>	<u>601</u>	<u>887,111</u>	<u>64,350</u>	<u>25,484</u>	<u>23,573</u>	<u>1,000,518</u>
<u>Ex-Franchise</u>									
9	Rate M12	276,324	-	-	276,324	-	605	-	276,930
10	Rate M13	426	2	1	429	-	-	-	429
11	Rate M16	1,039	6	3	1,049	-	2	-	1,050
12	Rate M17	-	-	-	-	-	-	-	-
13	Rate C1	50,870	-	-	50,870	-	181	-	51,050
14	Total Ex-Franchise	<u>328,659</u>	<u>8</u>	<u>4</u>	<u>328,672</u>	<u>-</u>	<u>788</u>	<u>-</u>	<u>329,459</u>
15	Total Union Gas	<u>1,208,790</u>	<u>6,389</u>	<u>606</u>	<u>1,215,783</u>	<u>64,350</u>	<u>26,272</u>	<u>23,573</u>	<u>1,329,977</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (l).
- (2) EB-2020-0264, Exhibit E, Tab 2, Schedule 2, p. 1, column (a); and EB-2020-0264, Exhibit E, Tab 2, Schedule 3, column (g)
- (3) EB-2021-0070, Exhibit E, Tab 2, Schedule 2, p. 1, column (a); and EB-2021-0070, Exhibit E, Tab 2, Schedule 3, column (g)

UNION RATE ZONES  
2021 and 2022 DSM Budget Allocation by Rate Class

Line No.	Particulars (\$000s)	Board-Approved 2021 DSM Budget (1) (a)	2022 DSM Budget (2) (b)	Change (c) = (b - a)
<u>Union North</u>				
1	Rate 01	6,625	6,625	-
2	Rate 10	3,127	3,127	-
3	Rate 20	1,753	1,753	-
4	Rate 100	1,147	1,147	-
5	Total Union North	<u>12,652</u>	<u>12,652</u>	<u>-</u>
<u>Union South</u>				
6	Rate M1	27,446	27,446	-
7	Rate M2	10,658	10,658	-
8	Rate M4	4,743	4,765	23
9	Rate M5	522	499	(23)
10	Rate M7	2,034	2,034	-
11	Rate T1	1,569	1,569	-
12	Rate T2	4,725	4,725	-
13	Total Union South	<u>51,698</u>	<u>51,698</u>	<u>-</u>
14	Total Union (line 5 + line 13)	<u>64,350</u>	<u>64,350</u>	<u>-</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, column (b).
- (2) 2022 DSM Budget is set to equal the 2021 DSM Budget, updated to reflect the Rate M4 and Rate M5 rate pooling adjustment to allocate the Rate M4 and Rate M5 pooled costs in proportion to 2022 forecast volumes.



UNION RATE ZONES  
Derivation of 2022 Demand Side Management ("DSM") Rates

Line No.	Particulars	2022 Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 DSM Budget (1) (\$000s) (b)	2022 DSM Rate (cents / m <sup>3</sup> ) (c) = (b / a)
<u>Union North</u>				
<u>Rate 01 Small Volume General Service</u>				
Monthly Delivery Charge				
1	First 100 m <sup>3</sup>	322,166	2,174	0.6747
2	Next 200 m <sup>3</sup>	354,977	2,334	0.6575
3	Next 200 m <sup>3</sup>	133,716	843	0.6302
4	Next 500 m <sup>3</sup>	89,988	545	0.6051
5	Over 1,000 m <sup>3</sup>	124,885	730	0.5844
6	Total Rate 01	1,025,730	6,625	0.6459
<u>Rate 10 Large Volume General Service</u>				
Monthly Delivery Charge				
7	First 1,000 m <sup>3</sup>	23,243	280	1.2026
8	Next 9,000 m <sup>3</sup>	134,900	1,317	0.9765
9	Next 20,000 m <sup>3</sup>	92,407	785	0.8497
10	Next 70,000 m <sup>3</sup>	67,828	520	0.7670
11	Over 100,000 m <sup>3</sup>	49,479	225	0.4538
12	Total Rate 10	367,857	3,127	0.8500
<u>Rate 20 Medium Volume Firm Service (2)</u>				
Delivery Demand Charge				
13	First 70,000 m <sup>3</sup>	23,195	449	1.9364
14	All over 70,000 m <sup>3</sup>	60,629	690	1.1387
Delivery Commodity Charge				
15	First 852,000 m <sup>3</sup>	309,939	290	0.0936
16	All over 852,000 m <sup>3</sup>	484,518	323	0.0668
17	Total Rate 20	794,457	1,753	0.2207
<u>Rate 100 Large Volume Firm Service (2)</u>				
18	Delivery Demand Charge	45,469	860	1.8924
19	Delivery Commodity Charge	1,083,468	287	0.0265
20	Total Rate 100	1,083,468	1,147	0.1059

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, p. 1, column (b).
- (2) Recovery between demand and commodity rates consistent with approved rate design by rate class.

UNION RATE ZONES  
Derivation of 2022 Demand Side Management ("DSM") Rates

Line No.	Particulars	2022 Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 DSM Budget (1) (\$000s) (b)	2022 DSM Rate (cents / m <sup>3</sup> ) (c) = (b / a)
<u>Union South</u>				
<u>Rate M1 - Small Volume General Service</u>				
Monthly Delivery Commodity Charge				
1	First 100 m <sup>3</sup>	1,032,537	9,899	0.9587
2	Next 150 m <sup>3</sup>	893,607	8,121	0.9088
3	All over 250 m <sup>3</sup>	1,208,626	9,426	0.7799
4	Total - Rate M1	3,134,770	27,446	0.8755
<u>Rate M2 - Large Volume General Service</u>				
Monthly Delivery Commodity Charge				
5	First 1,000 m <sup>3</sup>	85,970	772	0.8985
6	Next 6,000 m <sup>3</sup>	374,643	3,302	0.8814
7	Next 13,000 m <sup>3</sup>	358,606	2,968	0.8275
8	All over 20,000 m <sup>3</sup>	471,637	3,616	0.7667
9	Total Rate M2	1,290,856	10,658	0.8257
<u>M4 Firm Commercial/Industrial Contract Rate (2)</u>				
Monthly Demand Charge				
10	First 8,450 m <sup>3</sup>	21,114	1,871	8.8599
11	Next 19,700 m <sup>3</sup>	20,556	817	3.9725
12	All over 28,150 m <sup>3</sup>	5,153	172	3.3375
Monthly Delivery Commodity Charge				
13	First Block	639,049	1,906	0.2982
14	All remaining use	206	0	0.1119
15	Total Rate M4	639,255	4,765	0.7455
<u>M5A Interruptible Commercial/Industrial Contract Rate</u>				
Firm contracts				
16	Monthly Demand Charge	444	39	8.8642
17	Monthly Delivery Commodity Charge	4,874	31	0.6390
Interruptible contracts				
18	Delivery Commodity Charge (Avg Price)	62,056	428	0.6904
19	Total Rate M5A	66,929	499	0.7455

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, p. 1, column (b).
- (2) Recovery between demand and commodity rates consistent with approved rate design by rate class.

UNION RATE ZONES  
Derivation of 2022 Demand Side Management ("DSM") Rates

Line No.	Particulars	2022 Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 DSM Budget (1) (\$000s) (b)	2022 DSM Rate (cents / m <sup>3</sup> ) (c) = (b / a)
<u>M7 Special Large Volume Contract Rate</u>				
Firm Contracts				
1	Monthly Demand Charge	59,760	1,814	3.0355
2	Monthly Delivery Commodity Charge	604,724	150	0.0249
Interruptible / Seasonal Contracts				
3	Monthly Delivery Commodity Charge	93,732	70	0.0746
4	Total Rate M7	698,456	2,034	0.2913
<u>Rate T1 Contract Carriage Service</u>				
Monthly Demand Charge				
5	First 28,150 m <sup>3</sup>	14,496	950	6.5563
6	Next 112,720 m <sup>3</sup>	11,579	524	4.5297
7	Interruptible Commodity Charge	34,865	94	0.2698
8	Total Rate T1	415,327	1,569	0.3778
<u>Rate T2 Contract Carriage Service</u>				
Monthly Demand Charge				
9	First 140,870 m <sup>3</sup>	59,066	1,457	2.4659
10	All Over 140,870 m <sup>3</sup>	237,342	3,096	1.3044
11	Interruptible Commodity Charge	178,978	173	0.0967
12	Total Rate T2	4,865,905	4,725	0.0971
13	Total In-franchise		64,350	

Notes:

(1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 10, p. 1, column (b).

UNION RATE ZONES  
2021 and 2022 PDO Adjustments Allocation by Rate Class  
Parkway Delivery Obligation (PDO) Reduction Costs and Parkway Delivery Commitment Incentive (PDCI) Costs

Line No.	Particulars (\$000's)	2021 PDO Adjustment			2022 PDO Adjustment			Change		
		Total PDO Costs (1) (a)	Total PDCI Costs (2) (b)	Total Costs (c) = (a + b) (c)	Total PDO Costs (3) (d)	Total PDCI Costs (4) (e)	Total Costs (f) = (d + e) (f)	Total PDO Costs (g) = (d - a) (g)	Total PDCI Costs (h) = (e - b) (h)	Total Costs (i) = (g + h) (i)
1	Rate M1	5,780	6,328	12,108	5,941	7,026	12,967	161	698	860
2	Rate M2	2,211	2,444	4,656	2,220	2,651	4,871	9	207	215
3	Rate M4	507	605	1,112	494	643	1,137	(13)	38	25
4	Rate M5 - Firm	2	2	5	2	3	5	0	1	1
5	Rate M5 - Interruptible	5	16	21	5	20	24	0	4	4
6	Rate M7 - Firm	413	471	884	382	471	853	(31)	0	(31)
7	Rate M7 - Interruptible	6	20	26	7	31	39	2	11	12
8	Rate M9	138	165	303	127	164	291	(11)	(1)	(12)
9	Rate M10	1	1	2	1	1	2	0	0	0
10	Rate T1 - Firm	351	426	777	325	445	770	(25)	19	(7)
11	Rate T1 - Interruptible	4	14	18	4	17	21	0	3	3
12	Rate T2 - Firm	1,967	2,308	4,275	1,976	2,506	4,482	9	198	207
13	Rate T2 - Interruptible	3	9	12	14	59	74	12	50	62
14	Rate T3	606	672	1,278	613	731	1,344	7	59	65
15	Total South In-franchise	11,993	13,482	25,475	12,111	14,768	26,879	118	1,287	1,405
16	Excess Utility Storage Space	-	-	-	-	-	-	-	-	-
17	Rate C1 - Firm	6	-	6	6	-	6	-	-	-
18	Rate C1 - Interruptible	174	-	174	174	-	174	-	-	-
19	Rate M12	605	-	605	605	-	605	-	-	-
20	Rate M13	-	-	-	-	-	-	-	-	-
21	Rate M16	2	-	2	2	-	2	-	-	-
22	Rate M17	-	-	-	-	-	-	-	-	-
23	Total Ex-franchise	788	-	788	788	-	788	-	-	-
24	Rate 01	6	-	6	6	-	6	(0)	-	(0)
25	Rate 10	2	-	2	2	-	2	0	-	0
26	Rate 20	1	-	1	1	-	1	(0)	-	(0)
27	Rate 100	-	-	-	-	-	-	-	-	-
28	Rate 25	-	-	-	-	-	-	-	-	-
29	Total North In-franchise	9	-	9	9	-	9	(0)	-	(0)
30	Total Costs (line 15 + line 23 + line 29)	12,790	13,482	26,272	12,908	14,768	27,676	118	1,287	1,405

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.2, column (c).
- (2) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.2, column (f).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.2, column (c).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.2, column (f).

UNION RATE ZONES  
 Summary of 2022 Rates Adjustments for  
Parkway Delivery Obligation (PDO) Reduction Costs and Parkway Delivery Commitment Incentive (PDCI) Costs

Line No.	Particulars (\$000's)	PDO Costs			PDCI Costs			Total Costs		
		Dawn-Parkway Demand Costs (1) (a)	Compressor Fuel Costs (2) (b)	Total PDO Costs (c) = (a + b)	Dawn-Parkway Demand Costs (3) (d)	Compressor Fuel Costs (4) (e)	Total PDCI Costs (f) = (d + e)	Dawn-Parkway Demand Costs (g) = (a + d)	Compressor Fuel Costs (h) = (b + e)	Total Costs (i) = (g + h)
1	Rate M1	5,657	284	5,941	5,838	1,188	7,026	11,495	1,472	12,967
2	Rate M2	2,106	114	2,220	2,173	478	2,651	4,279	592	4,871
3	Rate M4	452	42	494	467	176	643	919	219	1,137
4	Rate M5 - Firm	2	0	2	2	1	3	4	1	5
5	Rate M5 - Interruptible	-	5	5	-	20	20	-	24	24
6	Rate M7 - Firm	358	24	382	369	102	471	727	126	853
7	Rate M7 - Interruptible	-	7	7	-	31	31	-	39	39
8	Rate M9	116	11	127	120	44	164	236	55	291
9	Rate M10	1	0	1	1	0	1	2	0	2
10	Rate T1 - Firm	291	35	325	300	145	445	590	179	770
11	Rate T1 - Interruptible	-	4	4	-	17	17	-	21	21
12	Rate T2 - Firm	1,828	148	1,976	1,886	620	2,506	3,714	768	4,482
13	Rate T2 - Interruptible	-	14	14	-	59	59	-	74	74
14	Rate T3	581	31	613	600	131	731	1,182	162	1,344
15	Total South In-franchise	11,391	720	12,111	11,756	3,012	14,768	23,148	3,732	26,879
16	Excess Utility Storage Space	-	-	-	-	-	-	-	-	-
17	Rate C1 - Firm	-	6	6	-	-	-	-	6	6
18	Rate C1 - Interruptible	-	174	174	-	-	-	-	174	174
19	Rate M12	-	605	605	-	-	-	-	605	605
20	Rate M13	-	-	-	-	-	-	-	-	-
21	Rate M16	-	2	2	-	-	-	-	2	2
22	Rate M17	-	-	-	-	-	-	-	-	-
23	Total Ex-franchise	-	788	788	-	-	-	-	788	788
24	Rate 01	-	6	6	-	-	-	-	6	6
25	Rate 10	-	2	2	-	-	-	-	2	2
26	Rate 20	-	1	1	-	-	-	-	1	1
27	Rate 100	-	-	-	-	-	-	-	-	-
28	Rate 25	-	-	-	-	-	-	-	-	-
29	Total North In-franchise	-	9	9	-	-	-	-	9	9
30	Total Costs (line 15 + line 23 + line 29)	11,391	1,517	12,908	11,756	3,012	14,768	23,148	4,529	27,676

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.3, column (g).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.4, column (d).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.6, column (b) + Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.7, column (b).
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.6, column (d) + Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.7, column (d).

UNION RATE ZONES

2022 Delivery Impacts to Union South In-Franchise customers of M12 Demand Costs  
Based on 350 TJ per day of M12 Dawn-Parkway capacity and the T2 Billing Contract Demand Revenue Credit

Line No.	Particulars	2022 Forecast Dawn-Parkway Design Day Demands (10 <sup>3</sup> m <sup>3</sup> /d) (a)	Dawn-Parkway Demand Costs of 200 TJ/d (1) (\$000's) (b)	Dawn-Parkway Demand Costs of 19 TJ/d (2) (\$000's) (c)	Dawn-Parkway Demand Costs of 132 TJ/d (3) (\$000's) (d)	Dawn-Parkway Demand Costs of 350 TJ/d (\$000's) (e) = (b + c + d)	Rate T2 BCD Revenue Credit (\$000's) (f)	Total Demand Costs (\$000's) (g) = (e + f)
1	Rate M1	24,434	4,387	408	2,902	7,697	(2,040)	5,657
2	Rate M2	9,095	1,633	152	1,080	2,865	(759)	2,106
3	Rate M4	1,953	351	33	232	615	(163)	452
4	Rate M5 Firm	10	2	0	1	3	(1)	2
5	Rate M5 Interruptible	-	-	-	-	-	-	-
6	Rate M7 Firm	1,544	277	26	183	486	(129)	358
7	Rate M7 Interruptible	-	-	-	-	-	-	-
8	Rate M9	502	90	8	60	158	(42)	116
9	Rate M10	5	1	0	1	1	(0)	1
10	Rate T1 Firm	1,255	225	21	149	395	(105)	291
11	Rate T1 Interruptible	-	-	-	-	-	-	-
12	Rate T2 Firm	7,894	1,417	132	937	2,486	(659)	1,828
13	Rate T2 Interruptible	-	-	-	-	-	-	-
14	Rate T3	2,512	451	42	298	791	(210)	581
15	Total	<u>49,203</u>	<u>8,833</u> (4)	<u>822</u> (5)	<u>5,843</u> (6)	<u>15,499</u>	<u>(4,107)</u> (7)	<u>11,391</u>

Notes:

- (1) Allocated in proportion to column (a). Dawn-Parkway capacity of 200 TJ/d as per EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 3, column (b).
- (2) Allocated in proportion to column (a). Dawn-Parkway capacity of 19 TJ/d as per EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 3, column (c).
- (3) Allocated in proportion to column (a). Dawn-Parkway capacity of 132 TJ/d as per EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 3, column (d).
- (4) Calculated as 200 TJ x \$0.121/GJ/d x 365 = \$8.833 million. Rate represents the M12 Dawn-Parkway demand rate per EB-2021-0147.
- (5) Calculated as 19 TJ x \$0.121/GJ/d x 365 = \$0.822 million. Rate represents the M12 Dawn-Parkway demand rate per EB-2021-0147.
- (6) Calculated as 132 TJ x \$0.121/GJ/d x 365 = \$5.843 million. Rate represents the M12 Dawn-Parkway demand rate per EB-2021-0147.
- (7) Allocated in proportion to column (a). Incremental revenue associated with the Rate T2 BCD increase of \$4.107 million calculated at 2022 Rate T2 rates prior to 2022 PDO adjustment.

UNION RATE ZONES  
 2022 Commodity Cost Adjustments based on  
Parkway Delivery Obligation Reduction of 218 TJ/d and 151 TJ/d of M12 Turnback

Line No.	Particulars	2022 Forecast Union South Delivery Volumes East of Dawn (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 Forecast Union North Delivery Volumes excl. T-Service and R25 (10 <sup>3</sup> m <sup>3</sup> ) (b)	Total PDO Reduction Fuel Impact (GJ) (c)	Total Compressor Fuel Cost (1) (\$000's) (d) = (c x 3.449 / 1000)
1	Rate M1	2,399,885	-	89,922	284
2	Rate M2	964,904	-	36,154	114
3	Rate M4	356,353	-	13,352	42
4	Rate M5 - Firm	1,300	-	49	0
5	Rate M5 - Interruptible	39,710	-	1,488	5
6	Rate M7 - Firm	205,328	-	7,694	24
7	Rate M7 - Interruptible	62,816	-	2,354	7
8	Rate M9	88,845	-	3,329	11
9	Rate M10	360	-	13	0
10	Rate T1 - Firm	292,396	-	10,956	35
11	Rate T1 - Interruptible	34,865	-	1,306	4
12	Rate T2 - Firm	1,252,061	-	46,914	148
13	Rate T2 - Interruptible	120,028	-	4,497	14
14	Rate T3	264,209	-	9,900	31
15	Total South In-franchise	6,083,058	-	227,928 (2)	720
16	Excess Utility Storage Space	-	-	-	-
17	Rate C1 - Firm	-	-	2,052 (3)	6
18	Rate C1 - Interruptible	-	-	55,175 (4)	174
19	Rate M12	-	-	191,627 (5)	605
20	Rate M13	-	-	-	-
21	Rate M16	-	-	580 (6)	2
22	Rate M17	-	-	-	-
23	Total Ex-franchise	-	-	249,435	788
24	Rate 01	-	1,025,730	1,984	6
25	Rate 10	-	362,470	701	2
26	Rate 20	-	145,978	282	1
27	Rate 100	-	-	-	-
28	Rate 25	-	-	-	-
29	Total North In-franchise	-	1,534,178	2,968 (7)	9
30	Total (line 15 + line 23 + line 29)	6,083,058	1,534,178	480,331	1,657

Notes:

- (1) Compressor fuel cost based on April 2021 QRAM Dawn Reference Price of \$3.449/GJ per EB-2021-0070. The PDO fuel costs will be updated for October 2021 QRAM as part of the final rate order.
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.5, column (k), line 9. Allocated in proportion to column (a).
- (3) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.5, column (k), line 3 + line 5.
- (4) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.5, column (k), line 4.
- (5) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.5, column (k), line 1 + line 2.
- (6) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.5, column (k), line 7.
- (7) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p.5, column (k), line 8. Allocated in proportion to column (b).

UNION RATE ZONES  
Estimated Fuel Impact of the Parkway Delivery Obligated Reduction

Line No.	Particulars (GJ)	Allocation of Fuel (Updated for PDO)					Allocation of Fuel (as filed in EB-2011-0210)					Difference (k) = (e - j)
		Dawn	Lobo	Bright	Parkway	Total	Dawn	Lobo	Bright	Parkway	Total	
		(a)	(b)	(c)	(d)	(e) = (a+b+c+d)	(f)	(g)	(h)	(i)	(j) = (f+g+h+i)	
1	M12 Easterly	1,133,586	665,880	798,741	1,209,042	3,807,250	1,135,933	644,630	772,860	1,062,411	3,615,834	191,415
2	M12 Westerly	-	-	-	1,221	1,221	-	-	-	1,009	1,009	212
3	C1 LT Easterly	3,382	2,077	2,490	6,509	14,458	3,356	2,017	2,413	5,593	13,379	1,079
4	C1 ST Easterly	227,077	122,287	149,110	303,661	802,136	226,118	116,353	141,989	262,500	746,960	55,175
5	C1 LT Westerly	-	-	-	5,691	5,691	-	-	-	4,718	4,718	973
6	C1 ST Westerly	-	-	-	-	-	-	-	-	-	-	-
7	M16 to Pool	145	434	-	-	580	-	-	-	-	-	580
8	Infranchise - North	41,262	17,233	24,990	-	83,484	41,084	15,975	23,457	-	80,516	2,968
9	Infranchise - South	210,955	100,900	128,214	-	440,069	106,631	46,265	59,245	-	212,141	227,928
10	Total	1,616,407	908,812	1,103,546	1,526,124	5,154,888	1,513,121	825,240	999,964	1,336,232	4,674,557	480,331

Notes:

- (1) Sales of Dawn to Parkway transportation services were reduced by 151 TJ per day.
- (2) Compressor throughput was adjusted to account for a shift of 219 TJ of delivered supply from Parkway to Dawn and 151 TJ/d of M12 turnback.
- (3) Compressor fuel costs increased to reflect the change in flows outlined in note (2).
- (4) Based on contract quantities from 2013 Rates filing.
- (5) Allocation of fuel is consistent with YCR formula in the current M12 Rate Schedule.
- (6) The total fuel excludes C1 Dawn to Dawn-Vector and C1 Dawn to Dawn-TCPL fuel of 31,960 GJ.



UNION RATE ZONES  
Derivation of the 2022 Sales Service PDCI Costs

Line No.	Particulars	Demand Costs		Commodity Costs		Total Sales Service PDCI Costs (\$000's) (e) = (b + d)
		2022 Forecast Dawn-Parkway Design Day Demands (10 <sup>3</sup> m <sup>3</sup> /d) (a)	11 TJ Sales Service Demand Costs (1) (\$000's) (b)	2022 Forecast Delivery Volumes East of Dawn (10 <sup>3</sup> m <sup>3</sup> ) (c)	11 TJ Sales Service Fuel and UFG Costs (3) (\$000's) (d)	
1	Rate M1	24,434	241	2,399,885	49	290
2	Rate M2	9,095	90	964,904	20	110
3	Rate M4	1,953	19	356,353	7	27
4	Rate M5 Firm	10	0	1,300	0	0
5	Rate M5 Interruptible	-	-	39,710	1	1
6	Rate M7 Firm	1,544	15	205,328	4	19
7	Rate M7 Interruptible	-	-	62,816	1	1
8	Rate M9	502	5	88,845	2	7
9	Rate M10	5	0	360	0	0
10	Rate T1 Firm	1,255	12	292,396	6	18
11	Rate T1 Interruptible	-	-	34,865	1	1
12	Rate T2 Firm	7,894	78	1,252,061	26	104
13	Rate T2 Interruptible	-	-	120,028	2	2
14	Rate T3	2,512	25	264,209	5	30
15	Total	<u>49,203</u>	<u>486</u> (2)	<u>6,083,058</u>	<u>124</u> (4)	<u>610</u>

Notes:

- (1) Allocated in proportion to column (a). Parkway Delivery Obligation of 11 TJ/d as per Exhibit B, Tab 1, Appendix A, column (g), line 25.
- (2) Calculated as 11 TJ x \$0.121/GJ/d x 365 = \$0.486 million. Rate represents the M12 Dawn-Parkway demand rate per EB-2021-0147.
- (3) Allocated in proportion to column (c).
- (4) Calculated as 11 TJ x \$0.031/GJ/d x 365 = \$0.124 million. Rate represents the average Dawn-Parkway (TCPL / EGT) fuel rate per EB-2021-0070 Rate M12 Schedule 'C' at April 2021 QRAM Dawn Reference WACOG. The PDCI fuel costs will be updated for October 2021 QRAM as part of the final rate order.

UNION RATE ZONES  
Derivation of the 2022 Direct Purchase (DP) PDCI Costs

Line No.	Particulars	Demand Costs		Commodity Costs		Total DP PDCI Costs (\$000's)
		2022 Forecast Dawn-Parkway Design Day Demands (10 <sup>3</sup> m <sup>3</sup> /d)	255 TJ DP Demand Costs (1) (\$000's)	2022 Forecast Delivery Volumes East of Dawn (10 <sup>3</sup> m <sup>3</sup> )	255 TJ DP Fuel and UFG Costs (3) (\$000's)	
		(a)	(b)	(c)	(d)	(e) = (b + d)
1	Rate M1	24,434	5,597	2,399,885	1,139	6,736
2	Rate M2	9,095	2,083	964,904	458	2,541
3	Rate M4	1,953	447	356,353	169	616
4	Rate M5 Firm	10	2	1,300	1	3
5	Rate M5 Interruptible	-	-	39,710	19	19
6	Rate M7 Firm	1,544	354	205,328	97	451
7	Rate M7 Interruptible	-	-	62,816	30	30
8	Rate M9	502	115	88,845	42	157
9	Rate M10	5	1	360	0	1
10	Rate T1 Firm	1,255	287	292,396	139	426
11	Rate T1 Interruptible	-	-	34,865	17	17
12	Rate T2 Firm	7,894	1,808	1,252,061	594	2,402
13	Rate T2 Interruptible	-	-	120,028	57	57
14	Rate T3	2,512	575	264,209	125	701
15	Total	49,203	11,270 (2)	6,083,058	2,887 (4)	14,158

- Notes:
- (1) Allocated in proportion to column (a). Parkway Delivery Obligation of 264 TJ/d as per Exhibit B, Tab 1, Appendix A, column (g), line 13 + line 19 adjusted by 9 TJ/d to reflect the annual impact of a seasonal Parkway Delivery Obligation.
  - (2) Calculated as 255 TJ x \$0.121/GJ/d x 365 = \$11.27 million. Rate represents the M12 Dawn-Parkway demand rate per EB-2021-0147.
  - (3) Allocated in proportion to column (c).
  - (4) Calculated as 255 TJ x \$0.031/GJ/d x 365 = \$2.887 million. Rate represents the average Dawn-Parkway (TCPL / EGT) fuel rate per EB-2021-0070 Rate M12 Schedule 'C' at April 2021 QRAM Dawn Reference WACOG. The PDCI fuel costs will be updated for October 2021 QRAM as part of the final rate order.

UNION RATE ZONES  
Derivation of 2022 Parkway Delivery Obligation ("PDO") Rates

Line No.	Particulars	2022 Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 PDO Costs (1) (\$000s) (b)	2022 PDO Rate (cents / m <sup>3</sup> ) (c) = (b / a)
<u>Union North</u>				
<u>Rate 01 Small Volume General Service</u>				
Storage				
1	Union North West	293,825	1	0.0003
2	Union North East	731,906	5	0.0007
3	Total Rate 01	1,025,730	6	0.0006
<u>Rate 10 Large Volume General Service</u>				
Storage				
4	Union North West	83,127	0	0.0003
5	Union North East	279,343	2	0.0007
6	Total Rate 10	362,470	2	0.0006
<u>Rate 20 Medium Volume Firm Service (2)</u>				
Gas Supply Demand Charge				
7	Union North West	1,764	0	0.0107
8	Union North East	6,432	1	0.0109
9	Gas Supply Demand - 20	8,196	1	0.0109
Storage (\$ / GJ)				
10	Demand	141,504	-	-
11	Commodity	761,472	-	-
12	Total Rate 20	902,976	1	-
<u>Rate 100 Large Volume Firm Service (2)</u>				
Storage (\$ / GJ)				
13	Demand	-	-	-
14	Commodity	-	-	-
15	Total Rate 100	-	-	-
<u>Union South</u>				
<u>Rate M1 - Small Volume General Service</u>				
Monthly Delivery Commodity Charge				
16	First 100 m <sup>3</sup>	1,032,537	4,677	0.4530
17	Next 150 m <sup>3</sup>	893,607	3,837	0.4294
18	All over 250 m <sup>3</sup>	1,208,626	4,453	0.3685
19	Total - Rate M1	3,134,770	12,967	0.4137

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 2, column (i).
- (2) Recovery between demand and commodity rates consistent with approved rate design by rate class.

UNION RATE ZONES  
Derivation of 2022 Parkway Delivery Obligation ("PDO") Rates

Line No.	Particulars	2022 Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 PDO Costs (1) (\$000s) (b)	2022 PDO Rate (cents / m <sup>3</sup> ) (c) = (b / a)
<u>Rate M2 - Large Volume General Service</u>				
Monthly Delivery Commodity Charge				
1	First 1,000 m <sup>3</sup>	85,970	353	0.4106
2	Next 6,000 m <sup>3</sup>	374,643	1,509	0.4028
3	Next 13,000 m <sup>3</sup>	358,606	1,356	0.3782
4	All over 20,000 m <sup>3</sup>	471,637	1,653	0.3504
5	Total Rate M2	1,290,856	4,871	0.3773
<u>M4 Firm Commercial/Industrial Contract Rate (2)</u>				
Monthly Demand Charge				
6	First 8,450 m <sup>3</sup>	21,114	446	2.1144
7	Next 19,700 m <sup>3</sup>	20,556	195	0.9480
8	All over 28,150 m <sup>3</sup>	5,153	41	0.7965
Monthly Delivery Commodity Charge				
9	First Block	639,049	455	0.0712
10	All remaining use	206	0	0.0267
11	Total Rate M4	639,255	1,137	0.1779
<u>M5A Interruptible Commercial/Industrial Contract Rate</u>				
Firm contracts				
12	Monthly Demand Charge	444	4	1.0068
13	Monthly Delivery Commodity Charge	4,874	1	0.0164
Interruptible contracts				
14	Delivery Commodity Charge (Avg Price)	62,056	24	0.0393
15	Total Rate M5A	66,929	30	0.0443
<u>M7 Special Large Volume Contract Rate</u>				
Firm Contracts				
16	Monthly Demand Charge	59,760	727	1.2158
17	Monthly Delivery Commodity Charge	604,724	126	0.0208
Interruptible / Seasonal Contracts				
18	Monthly Delivery Commodity Charge	93,732	39	0.0411
19	Total Rate M7	698,456	891	0.1276
<u>M9 Large Wholesale Service</u>				
20	Monthly Demand Charge	6,040	236	3.9078
21	Monthly Delivery Commodity Charge	88,845	55	0.0613
22	Total Rate M9	88,845	291	0.3270

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 2, column (i).  
 (2) Recovery between demand and commodity rates consistent with approved rate design by rate class.

UNION RATE ZONES  
Derivation of 2022 Parkway Delivery Obligation ("PDO") Rates

Line No.	Particulars	2022 Forecast Usage (10 <sup>3</sup> m <sup>3</sup> ) (a)	2022 PDO Costs (1) (\$000s) (b)	2022 PDO Rate (cents / m <sup>3</sup> ) (c) = (b / a)
<u>M10 Small Wholesale Service</u>				
1	Monthly Delivery Commodity Charge	360	2	0.6702
2	Total Rate M10	<u>360</u>	<u>2</u>	<u>0.6702</u>
<u>Rate T1 Contract Carriage Service</u>				
Monthly Demand Charge				
3	First 28,150 m <sup>3</sup>	14,496	380	2.6244
4	Next 112,720 m <sup>3</sup>	11,579	210	1.8132
5	Firm Commodity Charge	380,463	145	0.0381
6	Interruptible Commodity Charge	34,865	17	0.0495
7	Customer Supplied Fuel		39 (3)	
8	Total Rate T1	<u>415,327</u>	<u>791</u>	<u>0.1905</u>
<u>Rate T2 Contract Carriage Service</u>				
Monthly Demand Charge				
9	First 140,870 m <sup>3</sup>	59,066	1,188	2.0116
10	All Over 140,870 m <sup>3</sup>	237,342	2,525	1.0640
11	Firm Commodity Charge	4,686,927	620	0.0132
12	Interruptible Commodity Charge	178,978	59	0.0332
13	Customer Supplied Fuel		162 (3)	
14	Total Rate T2	<u>4,865,905</u>	<u>4,555</u>	<u>0.0936</u>
<u>Rate T3 Contract Carriage Service</u>				
15	Monthly Demand Charge	28,200	1,182	4.1900
16	Firm Commodity Charge	264,209	131	0.0495
17	Customer Supplied Fuel		31 (3)	
18	Total Rate T3	<u>264,209</u>	<u>1,344</u>	<u>0.5086</u>
<u>Ex-Franchise</u>				
<u>Rate M12 Transportation Service</u>				
19	Customer Supplied Fuel		<u>605 (3)</u>	
<u>Rate M16 Transportation Service</u>				
20	Customer Supplied Fuel		<u>2 (3)</u>	
<u>Rate C1 - Cross Franchise Transportation Service</u>				
21	Customer Supplied Fuel		<u>181 (3)</u>	
22	Total PDO Costs		<u><u>27,676</u></u>	

Notes:

- (1) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 11, p. 2, column (j).
- (2) Recovery between demand and commodity rates consistent with approved rate design by rate class.
- (3) Customer supplied fuel PDO costs are included in the derivation of 2022 fuel ratios shown at Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 7.

UNION RATE ZONES  
 Total Upstream Transportation Costs in Union North Rates  
 Effective January 1, 2022

Line No.	Particulars (\$000s)	Upstream	Jan-21	Apr-21	Upstream
		Transportation Costs per EB-2020-0095 (1)	QRAM Update (2)	QRAM Update (3)	Transportation Costs per EB-2021-0147
		(a)	(b)	(c)	(d) = (a+b+c)
<u>Rate 01</u>					
1	Delivery Rates	1,836	-	-	1,836
Transportation Rates					
2	Union North West	14,642	(2,341)	17	12,318
3	Union North East	11,833	1,317	28	13,178
Storage Rates					
4	Union North West	807	11	6	824
5	Union North East	17,407	4,988	7	22,403
<u>Rate 10</u>					
6	Delivery Rates	485	-	-	485
Transportation Rates					
7	Union North West	3,942	(629)	5	3,318
8	Union North East	4,326	482	11	4,819
Storage Rates					
9	Union North West	190	3	2	195
10	Union North East	4,847	1,378	3	6,227
<u>Rate 20</u>					
11	Delivery Rates	132	-	-	132
Gas Supply Demand					
12	Union North West	1,130	(187)	3	946
13	Union North East	1,175	101	3	1,280
Commodity Transportation 1					
14	Union North West	743	(118)	2	626
15	Union North East	469	206	1	677
Bundled Storage					
16	Demand	842	190	-	1,032
17	Commodity	11	1	0	12
<u>Rate 25</u>					
18	Delivery Rates	-	-	-	-
19	Transportation Rates	434	29	2	464
20	Storage Rates	-	-	-	-
<u>Rate 100</u>					
21	Delivery Rates	9	-	-	9
Gas Supply Demand					
22	Union North West	-	-	-	-
23	Union North East	-	-	-	-
Commodity Transportation 1					
24	Union North West	-	-	-	-
25	Union North East	-	-	-	-
Bundled Storage					
26	Demand	132	30	-	162
27	Commodity	2	0	0	2
28	Total Union North	<u>65,391</u>	<u>5,461</u>	<u>90</u>	<u>70,943</u>

Notes:

(1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 12, column (e).

(2) EB-2020-0264, Exhibit E, Tab 2, Schedule 2, column (a).

(3) EB-2021-0070, Exhibit E, Tab 2, Schedule 2, column (a).

UNION RATE ZONES  
 Calculation of 2022 NAC Target Percentage Change  
to General Service Rate Classes

Line No.	<u>Particulars (m<sup>3</sup>)</u>	2019 Actual <u>NAC (1)(3)</u> (a)	2020 Actual <u>NAC (1)(3)</u> (b)	NAC Variance <u>(c) = (b - a)</u>	2022 NAC Target <u>% Change</u> (d) = (c / a)
1	Rate 01	2,889	2,866	(23)	-0.8%
2	Rate 10	171,540	160,773	(10,767)	-6.3%
3	Rate M1	2,776	2,729	(47)	-1.7%
4	Rate M2	168,419	159,225	(9,194)	-5.5%

Notes:

- (1) NAC based on 2013 Board-approved 50:50 weather normal methodology.
- (2) 2019 actual NAC calculated using 2021 weather normal.
- (3) 2020 actual NAC calculated using 2022 weather normal.

UNION RATE ZONES  
 Calculation of 2022 NAC Target Percentage Change  
Volumetric Adjustments to Union North General Service Rate Classes

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	Approved 2021 Billing Units (1) (a)	2022 NAC Target % Change (2) (b)	Change in Billing Units (c) = (a x b)	Proposed 2022 Billing Units (d) = (a + c)
<u>Rate 01 Delivery</u>					
1	First 100 m <sup>3</sup>	272,486	-0.8%	(2,169)	270,317
2	Next 200 m <sup>3</sup>	309,401	-0.8%	(2,463)	306,938
3	Next 200 m <sup>3</sup>	134,973	-0.8%	(1,075)	133,899
4	Next 500 m <sup>3</sup>	92,188	-0.8%	(734)	91,454
5	All Over 100 m <sup>3</sup>	115,035	-0.8%	(916)	114,119
6	Total Rate 01 Delivery	<u>924,083</u>		<u>(7,357)</u>	<u>916,727</u>
<u>Rate 01 Storage</u>					
7	Union North West	266,998	-0.8%	(2,126)	264,872
8	Union North East	657,086	-0.8%	(5,231)	651,855
9	Total Rate 01 Storage	<u>924,083</u>		<u>(7,357)</u>	<u>916,727</u>
<u>Rate 10 Delivery</u>					
10	First 1,000 m <sup>3</sup>	25,810	-6.3%	(1,620)	24,190
11	Next 9,000 m <sup>3</sup>	139,344	-6.3%	(8,746)	130,598
12	Next 20,000 m <sup>3</sup>	88,634	-6.3%	(5,563)	83,071
13	Next 70,000 m <sup>3</sup>	67,205	-6.3%	(4,218)	62,987
14	All Over 100,000 m <sup>3</sup>	30,911	-6.3%	(1,940)	28,971
15	Total Rate 10 Delivery	<u>351,905</u>		<u>(22,088)</u>	<u>329,817</u>
<u>Rate 10 Storage</u>					
16	Union North West	84,153	-6.3%	(5,282)	78,871
17	Union North East	267,752	-6.3%	(16,806)	250,946
18	Total Rate 10 Storage	<u>351,905</u>		<u>(22,088)</u>	<u>329,817</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, p. 1, column (d).



UNION RATE ZONES  
 Calculation of 2022 NAC Target Percentage Change  
Volumetric Adjustments to Union South General Service Rate Classes

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	Approved 2021 Billing Units (1) (a)	2022 NAC Target % Change (2) (b)	Change in Billing Units (c) = (a x b)	Proposed 2022 Billing Units (d) = (a + c)
<u>Rate M1 Delivery</u>					
1	First 100 m <sup>3</sup>	884,704	-1.7%	(14,979)	869,725
2	Next 150 m <sup>3</sup>	785,592	-1.7%	(13,301)	772,291
3	All Over 250 m <sup>3</sup>	1,267,093	-1.7%	(21,453)	1,245,640
4	Total Rate M1 Delivery	<u>2,937,389</u>		<u>(49,732)</u>	<u>2,887,656</u>
5	Rate M1 Storage	<u>2,937,389</u>	-1.7%	<u>(49,732)</u>	<u>2,887,656</u>
<u>Rate M2 Delivery</u>					
6	First 1,000 m <sup>3</sup>	62,064	-5.5%	(3,388)	58,676
7	Next 6,000 m <sup>3</sup>	302,040	-5.5%	(16,488)	285,552
8	Next 13,000 m <sup>3</sup>	341,290	-5.5%	(18,631)	322,659
9	All Over 20,000 m <sup>3</sup>	436,014	-5.5%	(23,802)	412,212
10	Total Rate M2 Delivery	<u>1,141,409</u>		<u>(62,310)</u>	<u>1,079,100</u>
11	Rate M2 Storage	<u>1,141,409</u>	-5.5%	<u>(62,310)</u>	<u>1,079,100</u>

Notes:

- (1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 5, column (n).
- (2) Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 13, p. 1, column (d).

UNION RATE ZONES  
2021 and 2022 Capital Pass-through Adjustments Allocation by Rate Class

Line No.	Particulars (\$000's)	2021 Capital Pass-Through Adjustment (1) (a)	2022 Capital Pass-Through Adjustment (b)	Change (c) = (b - a)
<u>Union North In-Franchise</u>				
1	R01	3,996	4,679	683
2	R10	2,269	2,353	84
3	R20	2,238	2,281	43
4	R25	413	427	14
5	R100	2,488	2,506	18
6	Total Union North In-Franchise	11,404	12,247	842
<u>Union South In-Franchise</u>				
7	Rate M1	174	1,586	1,412
8	Rate M2	2,531	2,667	136
9	Rate M4	1,951	1,910	(41)
10	Rate M5	(400)	(342)	57
11	Rate M7	608	605	(4)
12	Rate M9	119	121	2
13	Rate M10	3	3	0
14	Rate T1	984	959	(25)
15	Rate T2	7,756	7,434	(323)
16	Rate T3	873	883	10
17	Total Union South In-Franchise	14,600	15,824	1,224
<u>Ex-Franchise</u>				
18	Excess Utility Space	(92)	(66)	27
19	Rate M12	101,859	101,365	(494)
20	Rate M13	(6)	(6)	1
21	Rate M16	291	262	(28)
22	Rate M17	-	-	-
23	Rate C1	2,526	2,386	(140)
24	Total Ex-franchise	104,577	103,942	(635)
25	Gas Supply Admin	(62)	(60)	2
26	Grand Total (line 6 + 17 + 24 + 25)	130,519	131,952	1,434

Notes:

(1) EB-2020-0095, Exhibit D, Tab 2, Rate Order, Working Papers, Schedule 14, p. 1, column (b).

UNION RATE ZONES  
 Summary of 2022 Capital Pass-Through Adjustments  
 Allocation to Rate Class by Rate Component

Line No.	Particulars (\$000's)	Delivery (a)	Transportation (b)	Storage (c)	Total (d) = (a + b + c)
<u>Union North In-franchise</u>					
1	Rate 01	(1,189)	23	5,846	4,679
2	Rate 10	825	(2)	1,530	2,353
3	Rate 20	1,881	(8)	409	2,281
4	Rate 25	431	(4)	-	427
5	Rate 100	2,480	(3)	29	2,506
6	Total Union North In-Franchise	<u>4,427</u>	<u>6</u>	<u>7,813</u>	<u>12,247</u>
<u>Union South In-franchise</u>					
7	Rate M1	2,020	-	(434)	1,586
8	Rate M2	2,815	-	(148)	2,667
9	Rate M4	1,930	-	(21)	1,910
10	Rate M5A	(304)	-	(38)	(342)
11	Rate M7	612	-	(8)	605
12	Rate M9	126	-	(4)	121
13	Rate M10	3	-	0	3
14	Rate T1	962	-	(3)	959
15	Rate T2	7,449	-	(16)	7,434
16	Rate T3	892	-	(10)	883
17	Total Union South In-franchise	<u>16,505</u>	<u>-</u>	<u>(681)</u>	<u>15,824</u>
<u>Ex-franchise</u>					
18	Excess Utility Space	-	(66)	-	(66)
19	Rate M12	-	101,365	-	101,365
20	Rate M13	-	(6)	-	(6)
21	Rate M16	-	262	-	262
22	Rate M17	-	-	-	-
23	Rate C1	-	2,386	-	2,386
24	Total Ex-franchise	<u>-</u>	<u>103,942</u>	<u>-</u>	<u>103,942</u>
25	Total (line 6 + line 17 + line 24)	<u>20,932</u>	<u>103,948</u>	<u>7,132</u>	<u>132,013</u>
26	Gas Supply Admin				(60)
27	Total In-franchise and Ex-franchise				<u>131,952</u>

UNION RATE ZONES  
Summary of 2022 Capital Pass-Through Adjustments  
Allocation to Rate Class by Capital Pass-through Project

Line No.	Particulars (\$000's)	Parkway Projects (a)	BOP (b)	2016 D-P Expansion (c)	2017 D-P Expansion (d)	Panhandle Reinforcement (e)	Sudbury Replacement (f)	Total (g) = sum(a - f)
<u>Union North In-franchise</u>								
1	Rate 01	1,957	(187)	1,060	(213)	(368)	2,431	4,679
2	Rate 10	652	(25)	379	178	(47)	1,216	2,353
3	Rate 20	126	(16)	60	(62)	(35)	2,208	2,281
4	Rate 25	(25)	(5)	(20)	(52)	(10)	539	427
5	Rate 100	(47)	(12)	(43)	(129)	(26)	2,763	2,506
6	Total Union North In-Franchise	<u>2,664</u>	<u>(245)</u>	<u>1,435</u>	<u>(278)</u>	<u>(487)</u>	<u>9,158</u>	<u>12,247</u>
<u>Union South In-franchise</u>								
7	Rate M1	(1,035)	2,445	531	(1,027)	1,574	(901)	1,586
8	Rate M2	152	906	547	511	796	(245)	2,667
9	Rate M4	40	296	162	155	1,325	(68)	1,910
10	Rate M5A	(65)	(7)	(47)	(130)	(7)	(87)	(342)
11	Rate M7	31	108	83	90	307	(14)	605
12	Rate M9	16	35	33	39	(1)	(1)	121
13	Rate M10	0	1	1	1	(0)	(0)	3
14	Rate T1	(7)	254	63	53	641	(45)	959
15	Rate T2	72	1,903	499	501	4,529	(71)	7,434
16	Rate T3	113	244	235	300	(5)	(5)	883
17	Total Union South In-franchise	<u>(685)</u>	<u>6,184</u>	<u>2,107</u>	<u>494</u>	<u>9,158</u>	<u>(1,435)</u>	<u>15,824</u>
<u>Ex-franchise</u>								
18	Excess Utility Space	(26)	(6)	(24)	10	(16)	(4)	(66)
19	Rate M12	33,730	(142)	21,817	46,344	(208)	(176)	101,365
20	Rate M13	(1)	(3)	(1)	(1)	(0)	(0)	(6)
21	Rate M16	(2)	(0)	(2)	(6)	272	(0)	262
22	Rate M17	-	-	-	-	-	-	-
23	Rate C1	(29)	(1)	1,004	(46)	1,459	(1)	2,386
24	Total Ex-franchise	<u>33,672</u>	<u>(152)</u>	<u>22,795</u>	<u>46,301</u>	<u>1,507</u>	<u>(181)</u>	<u>103,942</u>
25	Total (line 6 + line 17 + line 24)	<u>35,651</u>	<u>5,787</u>	<u>26,338</u>	<u>46,517</u>	<u>10,178</u>	<u>7,542</u>	<u>132,013</u>
26	Gas Supply Admin	(26)	(0)	(10)	(22)	(1)	(0)	(60)
27	Total In-franchise and Ex-franchise	<u>35,625</u>	<u>5,787</u>	<u>26,328</u>	<u>46,495</u>	<u>10,177</u>	<u>7,541</u>	<u>131,952</u>

UNION RATE ZONES  
2019 - 2023 Parkway West Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	1,504	-	-	-	-
2	Average Investment (1)	210,033	205,267	199,738	194,208	188,678
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	2,121	2,163	2,206	2,250	2,295
4	Depreciation Expense (2)	5,508	5,532	5,532	5,532	5,532
5	Property Taxes	557	568	579	591	602
6	Total Operating Expenses (line 3 + line 4 + line 5)	<u>8,185</u>	<u>8,263</u>	<u>8,317</u>	<u>8,373</u>	<u>8,430</u>
	<u>Required Return:</u>					
7	Interest Expense	5,135	5,018	4,883	4,748	4,613
8	Equity Return	6,752	6,599	6,421	6,243	6,066
9	Total Required Return (line 7 + line 8) (3)	<u>11,887</u>	<u>11,617</u>	<u>11,304</u>	<u>10,991</u>	<u>10,678</u>
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	2,435	2,380	2,315	2,251	2,187
11	Income Taxes - Utility Timing Differences (5)	<u>(3,280)</u>	<u>(2,587)</u>	<u>(1,966)</u>	<u>(1,438)</u>	<u>(988)</u>
12	Total Income Taxes (line 10 + line 11)	<u>(845)</u>	<u>(207)</u>	<u>350</u>	<u>813</u>	<u>1,199</u>
13	Total Revenue Requirement (line 6 + line 9 + line 12)	<u>19,227</u>	<u>19,673</u>	<u>19,971</u>	<u>20,178</u>	<u>20,307</u>
14	Incremental Project Revenue (6)	-	-	-	-	-
15	Net Revenue Requirement (line 13 - line 14)	<u>19,227</u>	<u>19,673</u>	<u>19,971</u>	<u>20,178</u>	<u>20,307</u>

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$233.1 million.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.82%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) There is no incremental project revenue associated with the Parkway West project.

UNION RATE ZONES  
2019 - 2023 Brantford to Kirkwall and Parkway D Compressor Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	-	-	-	-	-
2	Average Investment (1)	177,700	172,704	167,709	162,713	157,718
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	-	-	-	-	-
4	Depreciation Expense (2)	4,995	4,995	4,995	4,995	4,995
5	Property Taxes	995	995	995	995	995
6	Total Operating Expenses (line 3 + line 4 + line 5)	5,990	5,990	5,990	5,990	5,990
	<u>Required Return:</u>					
7	Interest Expense	4,344	4,222	4,100	3,978	3,856
8	Equity Return	5,713	5,552	5,392	5,231	5,070
9	Total Required Return (line 7 + line 8) (3)	10,057	9,774	9,492	9,209	8,926
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	2,060	2,002	1,944	1,886	1,828
11	Income Taxes - Utility Timing Differences (5)	(3,234)	(2,625)	(2,097)	(1,638)	(1,239)
12	Total Income Taxes (line 10 + line 11)	(1,174)	(623)	(153)	248	589
13	Total Revenue Requirement (line 6 + line 9 + line 12)	14,874	15,142	15,329	15,447	15,506
14	Incremental Project Revenue (6)	-	-	-	-	-
15	Net Revenue Requirement (line 13 - line 14)	14,874	15,142	15,329	15,447	15,506

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$197.4 million.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.82%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) Incremental project revenue reflected in rates as an increase to Rate M12 and Rate C1 billing units.

**UNION RATE ZONES**  
2016 Dawn-Parkway Expansion  
2019 - 2023 Hamilton-Milton Pipeline and Lobo C Compressor Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	-	-	-	-	-
2	Average Investment (1)	323,388	315,128	306,868	298,609	290,349
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	825	847	863	879	898
4	Depreciation Expense (2)	8,261	8,261	8,261	8,261	8,261
5	Property Taxes	1,163	1,186	1,210	1,234	1,258
6	Total Operating Expenses (line 3 + line 4 + line 5)	<u>10,248</u>	<u>10,293</u>	<u>10,333</u>	<u>10,374</u>	<u>10,417</u>
	<u>Required Return:</u>					
7	Interest Expense	6,954	6,777	6,599	6,421	6,244
8	Equity Return	10,396	10,131	9,865	9,600	9,334
9	Total Required Return (line 7 + line 8) (3)	<u>17,350</u>	<u>16,907</u>	<u>16,464</u>	<u>16,021</u>	<u>15,578</u>
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	3,754	3,658	3,562	3,466	3,370
11	Income Taxes - Utility Timing Differences (5)	<u>(6,294)</u>	<u>(5,250)</u>	<u>(4,335)</u>	<u>(3,533)</u>	<u>(2,828)</u>
12	Total Income Taxes (line 10 + line 11)	<u>(2,540)</u>	<u>(1,592)</u>	<u>(773)</u>	<u>(67)</u>	<u>542</u>
13	Total Revenue Requirement (line 6 + line 9 + line 12)	<u>25,059</u>	<u>25,609</u>	<u>26,024</u>	<u>26,328</u>	<u>26,537</u>
14	Incremental Project Revenue (6)	-	-	-	-	-
15	Net Revenue Requirement (line 13 - line 14)	<u>25,059</u>	<u>25,609</u>	<u>26,024</u>	<u>26,328</u>	<u>26,537</u>

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$348.0 million.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.36%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) Incremental project revenue reflected in rates as an increase to Rate M12 and Rate C1 billing units.

UNION RATE ZONES  
2019 - 2023 Burlington to Oakville Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	-	-	-	-	-
2	Average Investment (1)	78,277	76,545	74,814	73,082	71,351
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	16	17	17	17	18
4	Depreciation Expense (2)	1,732	1,732	1,732	1,732	1,732
5	Property Taxes	131	132	134	137	140
6	Total Operating Expenses (line 3 + line 4 + line 5)	<u>1,879</u>	<u>1,880</u>	<u>1,883</u>	<u>1,886</u>	<u>1,889</u>
	<u>Required Return:</u>					
7	Interest Expense	1,683	1,646	1,609	1,572	1,534
8	Equity Return	2,516	2,461	2,405	2,349	2,294
9	Total Required Return (line 7 + line 8) (3)	<u>4,200</u>	<u>4,107</u>	<u>4,014</u>	<u>3,921</u>	<u>3,828</u>
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	909	889	868	848	828
11	Income Taxes - Utility Timing Differences (5)	<u>(1,539)</u>	<u>(1,280)</u>	<u>(1,058)</u>	<u>(869)</u>	<u>(705)</u>
12	Total Income Taxes (line 10 + line 11)	<u>(631)</u>	<u>(391)</u>	<u>(190)</u>	<u>(20)</u>	<u>123</u>
13	Total Revenue Requirement (line 6 + line 9 + line 12)	<u>5,447</u>	<u>5,596</u>	<u>5,707</u>	<u>5,787</u>	<u>5,840</u>
14	Incremental Project Revenue (6)	-	-	-	-	-
15	Net Revenue Requirement (line 13 - line 14)	<u>5,447</u>	<u>5,596</u>	<u>5,707</u>	<u>5,787</u>	<u>5,840</u>

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$83.3 million.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.36%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) There is no incremental project revenue associated with the Burlington to Oakville project.



**UNION RATE ZONES**  
 2017 Dawn-Parkway Expansion  
 2019 - 2023 Lobo D, Bright C and Dawn H Compressor Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	6,960	-	-	-	-
2	Average Investment (1)	583,664	569,784	552,367	534,951	517,534
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	1,627	1,727	1,761	1,796	1,832
4	Depreciation Expense (2)	17,306	17,418	17,418	17,418	17,418
5	Property Taxes	1,089	1,089	1,089	1,089	1,089
6	Total Operating Expenses (line 3 + line 4 + line 5)	<u>20,022</u>	<u>20,234</u>	<u>20,268</u>	<u>20,304</u>	<u>20,340</u>
	<u>Required Return:</u>					
7	Interest Expense	12,290	11,997	11,631	11,264	10,897
8	Equity Return	18,764	18,317	17,758	17,198	16,638
9	Total Required Return (line 7 + line 8) (3)	<u>31,053</u>	<u>30,315</u>	<u>29,388</u>	<u>28,462</u>	<u>27,535</u>
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	6,764	6,603	6,402	6,200	5,998
11	Income Taxes - Utility Timing Differences (5)	<u>(16,923)</u>	<u>(13,758)</u>	<u>(10,905)</u>	<u>(8,470)</u>	<u>(6,392)</u>
12	Total Income Taxes (line 10 + line 11)	<u>(10,159)</u>	<u>(7,155)</u>	<u>(4,503)</u>	<u>(2,270)</u>	<u>(394)</u>
13	Total Revenue Requirement (line 6 + line 9 + line 12)	<u>40,916</u>	<u>43,394</u>	<u>45,153</u>	<u>46,495</u>	<u>47,480</u>
14	Incremental Project Revenue (6)	-	-	-	-	-
15	Net Revenue Requirement (line 13 - line 14)	<u>40,916</u>	<u>43,394</u>	<u>45,153</u>	<u>46,495</u>	<u>47,480</u>

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$622.5 million.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.29%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) Incremental project revenue reflected in rates as an increase to Rate M12 and Rate C1 billing units.

UNION RATE ZONES  
2019 - 2023 Panhandle Reinforcement Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	500	-	-	-	-
2	Average Investment (1)	223,844	218,902	213,957	209,013	204,069
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	16	16	16	17	17
4	Depreciation Expense (2)	4,939	4,944	4,944	4,944	4,944
5	Property Taxes	1,742	1,776	1,812	1,848	1,885
6	Total Operating Expenses (line 3 + line 4 + line 5)	<u>6,697</u>	<u>6,737</u>	<u>6,773</u>	<u>6,809</u>	<u>6,846</u>
	<u>Required Return:</u>					
7	Interest Expense	4,713	4,609	4,505	4,401	4,297
8	Equity Return	7,196	7,037	6,878	6,719	6,560
9	Total Required Return (line 7 + line 8) (3)	<u>11,909</u>	<u>11,646</u>	<u>11,383</u>	<u>11,120</u>	<u>10,857</u>
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	2,594	2,537	2,480	2,422	2,365
11	Income Taxes - Utility Timing Differences (5)	<u>(5,145)</u>	<u>(4,366)</u>	<u>(3,691)</u>	<u>(3,106)</u>	<u>(2,598)</u>
12	Total Income Taxes (line 10 + line 11)	<u>(2,550)</u>	<u>(1,829)</u>	<u>(1,211)</u>	<u>(684)</u>	<u>(233)</u>
13	Total Revenue Requirement (line 6 + line 9 + line 12)	<u>16,056</u>	<u>16,554</u>	<u>16,945</u>	<u>17,246</u>	<u>17,470</u>
14	Incremental Project Revenue (6)	4,340	5,415	6,243	7,069	7,895
15	Net Revenue Requirement (line 13 - line 14)	<u>11,715</u>	<u>11,139</u>	<u>10,702</u>	<u>10,177</u>	<u>9,576</u>

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$232.8 million.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.29%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) Incremental project revenue reflected as a reduction to the revenue requirement recovered in rates and includes incremental project transmission and distribution margin.

UNION RATE ZONES  
2019 - 2023 Sudbury Replacement Project Revenue Requirement

Line No.	Particulars (\$000's)	Revenue Requirement				
		2019 (a)	2020 (b)	2021 (c)	2022 (d)	2023 (e)
	<u>Rate Base Investment</u>					
1	Capital Expenditures	-	-	-	-	-
2	Average Investment (1)	86,944	84,221	81,498	78,774	76,051
	<u>Revenue Requirement Calculation:</u>					
	<u>Operating Expenses:</u>					
3	Operating and Maintenance Expenses	-	-	-	-	-
4	Depreciation Expense (2)	2,723	2,723	2,723	2,723	2,723
5	Property Taxes	-	-	-	-	-
6	Total Operating Expenses (line 3 + line 4 + line 5)	<u>2,723</u>	<u>2,723</u>	<u>2,723</u>	<u>2,723</u>	<u>2,723</u>
	<u>Required Return:</u>					
7	Interest Expense	2,031	1,967	1,904	1,840	1,777
8	Equity Return	<u>2,795</u>	<u>2,708</u>	<u>2,620</u>	<u>2,532</u>	<u>2,445</u>
9	Total Required Return (line 7 + line 8) (3)	<u>4,826</u>	<u>4,675</u>	<u>4,524</u>	<u>4,373</u>	<u>4,221</u>
	<u>Income Taxes:</u>					
10	Income Taxes - Equity Return (4)	1,008	976	945	913	881
11	Income Taxes - Utility Timing Differences (5)	<u>(763)</u>	<u>(658)</u>	<u>(560)</u>	<u>(468)</u>	<u>(381)</u>
12	Total Income Taxes (line 10 + line 11)	<u>245</u>	<u>318</u>	<u>385</u>	<u>446</u>	<u>501</u>
13	Total Revenue Requirement (line 6 + line 9 + line 12)	<u>7,794</u>	<u>7,716</u>	<u>7,632</u>	<u>7,542</u>	<u>7,446</u>
14	Incremental Project Revenue (6)	-	-	-	-	-
15	Net Revenue Requirement (line 13 - line 14)	<u>7,794</u>	<u>7,716</u>	<u>7,632</u>	<u>7,542</u>	<u>7,446</u>

Notes:

- (1) 2019 - 2023 average investment calculated on total project capital expenditures of \$89.7 million and a net book value of \$88.3 million as of January 1, 2019 per EB-2018-0305 Decision and Order, p. 23.
- (2) Depreciation expense at 2013 Board-approved depreciation rates.
- (3) The required return assumes a capital structure of 36% common equity at the 2013 Board-approved return of 8.93% and 64% long-term debt at the assumed long-term debt rate of 3.65%.
- (4) Taxes related to the equity component of the return at a tax rate of 26.5%.
- (5) Taxes related to the utility timing differences are negative as the capital cost allowance deduction in arriving at taxable income exceeds the provision of book depreciation in the year.
- (6) There is no incremental project revenue associated with the Sudbury Replacement project.

UNION RATE ZONES  
 Lost Revenue Adjustment Mechanism ("LRAM")  
Volume Adjustment for 2022 Rate Calculations

Line No.	Particulars (10 <sup>3</sup> m <sup>3</sup> )	2019 Audited Full Year Impact DSM Volumes	Customer Rate Class Adjustment (1)	2022 Rates DSM LRAM Volume Adjustment
		(a)	(b)	(c) = (a + b)
<u>Union South</u>				
1	Rate M4	(13,030)	(1,319)	(14,349)
2	Rate M5	(648)	(8,978)	(9,626)
3	Rate M7	(12,140)	10,297	(1,843)
4	Rate T1	(654)		(654)
5	Rate T2	(6,116)		(6,116)
6	Total Union South	<u>(32,588)</u>	<u>-</u>	<u>(32,588)</u>
<u>Union North</u>				
7	Rate 20	(1,924)	-	(1,924)
8	Rate 100	(931)	-	(931)
9	Total Union North	<u>(2,855)</u>	<u>-</u>	<u>(2,855)</u>
10	Total (line 6 + line 9)	<u>(35,443)</u>	<u>-</u>	<u>(35,443)</u>

Notes:

(1) To attribute the Rate M7 LRAM volumes adjustments to Rate M4 and Rate M5 based on the rate class of the customer in 2013 Board-approved rates.