

December 18, 2018

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
2300 Yonge Street, 27th Floor
Toronto, ON M4P 1E4

Re: EB-2018-0315 – Union Gas – January 1, 2019 QRAM Application – Reply Submission

Dear Ms. Walli:

On December 11, 2018, Union filed its January 1, 2019 QRAM application for the Union rate zones. Union received submissions from Canadian Manufacturers & Exporters (“CME”) and the Industrial Gas Users Association (“IGUA”).

CME states it wishes to better understand the customer bill impacts outlined in the application as they relate to other rate changes scheduled for January 1, 2019. IGUA states it reviewed the application, is satisfied that Union has properly followed the QRAM methodology and has no objection to approval of Union’s application as filed. However, IGUA has questions with respect to the bill impacts of temporary charges and also comments on the treatment of recently-approved increases to the TransCanada Mainline’s abandonment surcharges.

Responses to CME’s questions are enclosed. These responses also address the comments provided by IGUA. Union has provided the requested illustrative bill impacts in order to be responsive, but notes that it is not its typical practice to include the impact of temporary charges in the calculation of annual bill impacts with the QRAM application, as they are temporary in nature, can span varying time periods, and are generally not the result of changes resultant from the QRAM process.

Union requests the Board’s Decision on the application by Thursday, December 20, 2018. If you have any questions on this matter, please contact me at (519) 436-5334.

Yours truly,

[Original Signed by]

Vanessa Innis
Manager, Regulatory Applications

cc: EB-2017-0087/EB-2008-0106 Intervenors
Tania Persad (Enbridge Gas Distribution Inc.)

UNION GAS

Answer to Interrogatory from
CME

- 1) Can Union confirm if there will be any drivers of rates, other than those in EB-2018-0315, which are effective January 1, 2019, or are proposed to be effective January 1, 2019 that will increase rates, and may exacerbate the customer impacts of the increases discussed in EB-2018-0315 (for instance, the carbon levy proposed by Union in EB-2018-0187)?
- 2) If so, please list these independent rate drivers.
- 3) Please provide a combined or 'all-in' calculation of the bill impacts of all approved or proposed rate changes effective January 1, 2019, in order to demonstrate what changes, if any, ratepayers will experience between their current bill, and the proposed bills effective January 1, 2019. For further clarity, please break out the calculation by cost driver, as well as rate zone and rate class, in the same manner as EB-2018-0315 Tab 2, Schedule 5. To the extent that this calculation requires the use of assumptions, please list them.

Response:

1) and 2)

In addition to the changes in temporary charges described at EB-2018-0315, Tab 2, p.9, there are also rate changes effective January 1, 2019 related to Enbridge Gas's 2019 Rates application (EB-2018-0305), the Federal Carbon Pricing Program (EB-2018-0187) and TransCanada's abandonment surcharges.

The 2019 Rates application was submitted on December 14, 2018, for rate changes effective January 1, 2019. As the OEB made current rates interim as of January 1, 2019, it is anticipated there will be temporary rate adjustments for the period from January 1, 2019 to the approval date, which will be implemented later in 2019. The estimated annual bill impact for an average residential customer is approximately \$10 in Union South and ranges from approximately \$5 to \$7 in Union North.

Enbridge Gas plans to file an update to the 2019 Federal Carbon Pricing Program application in early January 2019 to, among other things, incorporate a change to the program start date from January 1, 2019 to April 1, 2019 for all program components except for the Output-Based Pricing System ("OBPS"), which continues to be effective January 1, 2019. The estimated annual bill impact at January 1, 2019 for an average residential customer in the Union rate zones related to the OBPS facility-related carbon costs is expected to be less than \$0.10.

The TransCanada toll update effective January 1, 2019 for abandonment surcharges was not included as part of the January 1, 2019 QRAM application given the timing of the National Energy Board (“NEB”) approval date.¹ The estimated annual bill impact for an average residential customer in Union North associated with TransCanada’s abandonment surcharge update is approximately \$1. The bill increase of \$1 will be reflected in the April 1, 2019 QRAM application.

In addition, the NEB recently issued its decision in TransCanada’s 2018-2020 tolls application, which will result in toll decreases effective February 1, 2019 for Union North customers. The impact of this decision is expected to be incorporated in the April 1, 2019 QRAM.

3) The residential customer bill impacts are summarized in Table 1 below. The bill impacts at January 1, 2019 include temporary charges and proposed 2019 Rates changes. The bill impacts exclude the impacts of 2019 Federal Carbon Pricing Program OBPS facility-related carbon costs and TransCanada’s abandonment surcharges as these changes do not have a material effect on the bill impacts at January 1, 2019. Please see Attachment 1 for the detailed general service bill impacts including temporary charges by rate class.

Table 1
Residential Customer Bill Impacts

| Line No. | Particulars (%) | Rate M1 | Rate 01 North West | Rate 01 North East |
|----------|------------------------------------|---------|--------------------|--------------------|
| | | (a) | (b) | (c) |
| 1 | January 2019 QRAM (EB-2018-0315) | 7.7% | 8.4% | 5.4% |
| 2 | Temporary Charges | 0.5% | -2.2% | 0.0% |
| 3 | Total January 2019 QRAM | 8.2% | 6.2% | 5.4% |
| 4 | Proposed 2019 Rates (EB-2018-0305) | 1.4% | 0.8% | 0.5% |
| 5 | Total Annual Bill Impacts | 9.6% | 7.0% | 5.9% |

¹ The National Energy Board approved increases to TransCanada’s abandonment surcharges on December 6, 2018.

Union South - Rate M1
General Service Customer Bill Impacts
Annual Consumption of 2,200 m³

| Line No. | Particulars | EB-2018-0253 Approved 01-Oct-18 Total Bill (\$) (a) | EB-2018-0315 Proposed 01-Jan-19 Total Bill (\$) (b) | Jan-19 QRAM Impact (\$) (c) = (b) - (a) | EB-2018-0305 Proposed 2019 Rates Impact (\$) (d) | Total Jan-19 Impact (\$) (e) = (c + d) |
|--|--|--|--|---|---|--|
| <u>Delivery Charges</u> | | | | | | |
| 1 | Monthly Charge | 252.00 | 252.00 | - | - | - |
| 2 | Delivery Commodity Charge | 105.76 | 106.45 | 0.69 | 9.19 | 9.88 |
| 3 | Storage Services | 16.12 | 16.12 | - | 0.72 | 0.72 |
| 4 | Total Delivery Charge | 373.88 | 374.57 | 0.69 | 9.91 | 10.60 |
| <u>Supply Charges</u> | | | | | | |
| 5 | Commodity | 290.12 | 330.08 | 39.96 | 0.07 | 40.03 |
| 6 | Prospective Recovery - Commodity | 43.00 | 56.91 | 13.91 | - | 13.91 |
| 7 | Total Gas Supply Charge | 333.12 | 386.99 | 53.87 | 0.07 | 53.94 |
| 8 | Total Bill Excluding Temporary Charges/(Credits) | 707.00 | 761.56 | 54.56 (1) | 9.98 (2) | 64.54 |
| <u>Temporary Charges/(Credits)</u> | | | | | | |
| <u>Delivery Charges/(Credits)</u> | | | | | | |
| 9 | 2018 Rate Implementation (Feb-18 to Dec-18) | 1.56 | - | (1.56) | - | (1.56) |
| 10 | Cap-and-Trade (Oct-18 to Dec-18) | 0.95 | - | (0.95) | - | (0.95) |
| 11 | 2015 DSM Deferrals (Oct-18 to Mar-19) | 4.56 | 4.56 | - | - | - |
| 12 | 2017 Deferrals (Jan-19 to Jun-19) | - | (0.41) | (0.41) | - | (0.41) |
| 13 | Total Delivery Charges/(Credits) | 7.07 | 4.15 | (2.92) | - | (2.92) |
| <u>Commodity Charges/(Credits)</u> | | | | | | |
| 14 | 2018 Rate Implementation (Feb-18 to Dec-18) | (0.00) | - | 0.00 | - | - |
| 15 | 2017 Deferrals (Jan-19 to Jun-19) | - | 6.72 | 6.72 | - | 6.72 |
| 16 | Total Commodity Charges/(Credits) | (0.00) | 6.72 | 6.73 | - | 6.72 |
| 17 | Total Temporary Charges/(Credits) | 7.06 | 10.87 | 3.81 | - | 3.81 |
| 18 | Total Bill Including Temporary Charges/(Credits) | 714.06 | 772.43 | 58.37 | 9.98 | 68.35 |
| <u>Bill Impacts</u> | | | | | | |
| <u>Excluding Temporary Charges/(Credits)</u> | | | | | | |
| 19 | Sales Service | | | 54.56 | 9.98 | 64.54 |
| 20 | Total Bill Impact | | | 7.7% | 1.4% | 9.1% |
| 21 | Commodity Bill Impact (3) | | | 16.2% | 0.0% | 16.2% |
| <u>Including Temporary Charges/(Credits)</u> | | | | | | |
| 22 | Sales Service | | | 58.37 | 9.98 | 68.35 |
| 23 | Total Bill Impact | | | 8.2% | 1.4% | 9.6% |
| 24 | Commodity Bill Impact (4) | | | 18.2% | 0.0% | 18.2% |

Notes:

- (1) EB-2018-0315, Tab 2, Schedule 5.
- (2) EB-2018-0305, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 3.
- (3) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 7.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill including temporary commodity charges/(credits).

Union South - Rate M2
General Service Customer Bill Impacts
Annual Consumption of 73,000 m³

| Line No. | Particulars | EB-2018-0253 Approved 01-Oct-18 Total Bill (\$) (a) | EB-2018-0315 Proposed 01-Jan-19 Total Bill (\$) (b) | Jan-19 GRAM Impact (\$) (c) = (b) - (a) | EB-2018-0305 Proposed 2019 Rates Impact (\$) (d) | Total Jan-19 Impact (\$) (e) = (c + d) |
|--|--|--|--|---|---|--|
| <u>Delivery Charges</u> | | | | | | |
| 1 | Monthly Charge | 840.00 | 840.00 | - | - | - |
| 2 | Delivery Commodity Charge | 3,596.30 | 3,617.12 | 20.82 | (135.21) | (114.39) |
| 3 | Storage Services | 473.26 | 473.26 | - | 18.03 | 18.03 |
| 4 | Total Delivery Charge | 4,909.56 | 4,930.38 | 20.82 | (117.18) | (96.36) |
| <u>Supply Charges</u> | | | | | | |
| 5 | Commodity | 9,627.10 | 10,952.91 | 1,325.81 | 2.19 | 1,328.00 |
| 6 | Prospective Recovery - Commodity | 1,426.78 | 1,888.36 | 461.58 | - | 461.58 |
| 7 | Total Gas Supply Charge | 11,053.88 | 12,841.27 | 1,787.39 | 2.19 | 1,789.58 |
| 8 | Total Bill Excluding Temporary Charges/(Credits) | 15,963.44 | 17,771.65 | 1,808.21 (1) | (114.99) (2) | 1,693.22 |
| <u>Temporary Charges/(Credits)</u> | | | | | | |
| <u>Delivery Charges/(Credits)</u> | | | | | | |
| 9 | 2018 Rate Implementation (Feb-18 to Dec-18) | 54.45 | - | (54.45) | - | (54.45) |
| 10 | Cap-and-Trade (Oct-18 to Dec-18) | (78.47) | - | 78.47 | - | 78.47 |
| 11 | 2015 DSM Deferrals (Oct-18 to Mar-19) | 62.86 | 62.86 | - | - | - |
| 12 | 2017 Deferrals (Jan-19 to Jun-19) | - | (111.18) | (111.18) | - | (111.18) |
| 13 | Total Delivery Charges | 38.83 | (48.32) | (87.16) | - | (87.16) |
| <u>Commodity Charges/(Credits)</u> | | | | | | |
| 14 | 2018 Rate Implementation (Feb-18 to Dec-18) | (0.12) | - | 0.12 | - | 0.12 |
| 15 | 2017 Deferrals (Jan-19 to Jun-19) | - | 220.44 | 220.44 | - | 220.44 |
| 16 | Total Commodity Charges/(Credits) | (0.12) | 220.44 | 220.56 | - | 220.56 |
| 17 | Total Temporary Charges/(Credits) | 38.71 | 172.12 | 133.40 | - | 133.40 |
| 18 | Total Bill Including Temporary Charges/(Credits) | 16,002.15 | 17,943.77 | 1,941.61 | (114.99) | 1,826.62 |
| <u>Bill Impacts</u> | | | | | | |
| <u>Excluding Temporary Charges/(Credits)</u> | | | | | | |
| 19 | Sales Service | | | 1,808.21 | (114.99) | 1,693.22 |
| 20 | Total Bill Impact | | | 11.3% | (0.7%) | 10.6% |
| 21 | Commodity Bill Impact (3) | | | 16.2% | 0.0% | 16.2% |
| <u>Including Temporary Charges/(Credits)</u> | | | | | | |
| 22 | Sales Service | | | 1,941.61 | (114.99) | 1,826.62 |
| 23 | Total Bill Impact | | | 12.1% | (0.7%) | 11.4% |
| 24 | Commodity Bill Impact (4) | | | 18.2% | 0.00 | 18.2% |

Notes:

- (1) EB-2018-0315, Tab 2, Schedule 5.
- (2) EB-2018-0305, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 3.
- (3) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 7.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill including temporary commodity charges/(credits).

Union North West - Rate 01
General Service Customer Bill Impacts
Annual Consumption of 2,200 m³

| Line No. | Particulars | EB-2018-0253 Approved 01-Oct-18 Total Bill (\$) (a) | EB-2018-0315 Proposed 01-Jan-19 Total Bill (\$) (b) | Jan-19 QRAM Impact (\$) (c) = (b) - (a) | EB-2018-0305 2019 Rates Impact (\$) (d) | Total Jan-19 Impact (\$) (e) = (c + d) |
|--|--|---|---|---|---|--|
| <u>Delivery Charges</u> | | | | | | |
| 1 | Monthly Charge | 252.00 | 252.00 | - | - | - |
| 2 | Delivery Commodity Charge | 202.87 | 204.10 | 1.23 | 7.91 | 9.14 |
| 3 | Total Delivery Charge | 454.87 | 456.10 | 1.23 | 7.91 | 9.14 |
| <u>Supply Charges</u> | | | | | | |
| 4 | Transportation to Union | 146.95 | 147.45 | 0.50 | (0.07) | 0.43 |
| 5 | Prospective Recovery - Transportation | 4.09 | 5.82 | 1.73 | - | 1.73 |
| 6 | Storage Services | 48.41 | 48.59 | 0.18 | (1.09) | (0.91) |
| 7 | Prospective Recovery - Storage | - | - | - | - | - |
| 8 | Subtotal | 199.45 | 201.86 | 2.41 | (1.16) | 1.25 |
| 9 | Commodity | 232.34 | 268.46 | 36.12 | 0.06 | 36.18 |
| 10 | Prospective Recovery - Commodity & Fuel | (47.66) | (16.58) | 31.08 | - | 31.08 |
| 11 | Subtotal | 184.68 | 251.88 | 67.20 | 0.06 | 67.26 |
| 12 | Total Gas Supply Charge | 384.13 | 453.74 | 69.61 | (1.10) | 68.51 |
| 13 | Total Bill Excluding Temporary Charges/(Credits) | 839.00 | 909.84 | 70.84 (1) | 6.81 (2) | 77.65 |
| <u>Temporary Charges/(Credits)</u> | | | | | | |
| <u>Delivery Charges/(Credits)</u> | | | | | | |
| 14 | 2018 Rate Implementation (Feb-18 to Dec-18) | 1.16 | - | (1.16) | - | (1.16) |
| 15 | Cap-and-Trade (Oct-18 to Dec-18) | 2.52 | - | (2.52) | - | (2.52) |
| 16 | 2015 DSM Deferrals (Oct-18 to Mar-19) | (0.68) | (0.68) | - | - | - |
| 17 | 2017 Deferrals (Jan-19 to Jun-19) | - | 3.47 | 3.47 | - | 3.47 |
| 18 | Total Delivery Charges | 3.01 | 2.79 | (0.21) | - | (0.21) |
| <u>Transportation Charges/(Credits)</u> | | | | | | |
| 19 | 2018 Rate Implementation (Feb-18 to Dec-18) | 0.00 | - | (0.00) | - | (0.00) |
| 20 | 2017 Deferrals (Jan-19 to Jun-19) | - | (17.20) | (17.20) | - | (17.20) |
| <u>Storage Charges/(Credits)</u> | | | | | | |
| 21 | 2018 Rate Implementation (Feb-18 to Dec-18) | 0.89 | - | (0.89) | - | (0.89) |
| <u>Commodity Charges/(Credits)</u> | | | | | | |
| 22 | 2018 Rate Implementation (Feb-18 to Dec-18) | (0.00) | - | 0.00 | - | 0.00 |
| 23 | Total Temporary Charges/(Credits) | 3.89 | (14.41) | (18.30) | - | (18.30) |
| 24 | Total Bill Including Temporary Charges/(Credits) | 842.89 | 895.43 | 52.54 | 6.81 | 59.35 |
| <u>Bill Impacts</u> | | | | | | |
| <u>Excluding Temporary Charges/(Credits)</u> | | | | | | |
| 25 | Sales Service | | | 70.84 | 6.81 | 77.65 |
| 26 | Total Bill Impact | | | 8.4% | 0.8% | 9.3% |
| 27 | Commodity Bill Impact (3) | | | 36.4% | 0.0% | 36.4% |
| <u>Including Temporary Charges/(Credits)</u> | | | | | | |
| 28 | Sales Service | | | 52.54 | 6.81 | 59.35 |
| 29 | Total Bill Impact | | | 6.2% | 0.8% | 7.0% |
| 30 | Commodity Bill Impact (4) | | | 36.4% | 0.0% | 36.4% |

Notes:

- (1) EB-2018-0315, Tab 2, Schedule 5.
- (2) EB-2018-0305, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 3.
- (3) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 11.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill including temporary commodity charges/(credits).

Union North East - Rate 01
General Service Customer Bill Impacts
Annual Consumption of 2,200 m³

| Line No. | Particulars | EB-2018-0253 Approved 01-Oct-18 Total Bill (\$) (a) | EB-2018-0315 Proposed 01-Jan-19 Total Bill (\$) (b) | Jan-19 GRAM Impact (\$) (c) = (b) - (a) | EB-2018-0305 2019 Rates Impact (\$) (d) | Total Jan-19 Impact (\$) (e) = (c + d) |
|--|--|---|---|---|---|--|
| <u>Delivery Charges</u> | | | | | | |
| 1 | Monthly Charge | 252.00 | 252.00 | - | - | - |
| 2 | Delivery Commodity Charge | 202.87 | 204.10 | 1.23 | 7.91 | 9.14 |
| 3 | Total Delivery Charge | 454.87 | 456.10 | 1.23 | 7.91 | 9.14 |
| <u>Supply Charges</u> | | | | | | |
| 4 | Transportation to Union | 60.53 | 60.81 | 0.28 | 0.49 | 0.77 |
| 5 | Prospective Recovery - Transportation | (3.07) | (22.91) | (19.84) | - | (19.84) |
| 6 | Storage Services | 140.61 | 140.70 | 0.09 | (3.58) | (3.49) |
| 7 | Prospective Recovery - Storage | - | - | - | - | - |
| 8 | Subtotal | 198.07 | 178.60 | (19.47) | (3.09) | (22.56) |
| 9 | Commodity | 296.35 | 336.30 | 39.95 | 0.06 | 40.01 |
| 10 | Prospective Recovery - Commodity & Fuel | 39.42 | 70.91 | 31.49 | - | 31.49 |
| 11 | Subtotal | 335.77 | 407.21 | 71.44 | 0.06 | 71.50 |
| 12 | Total Gas Supply Charge | 533.84 | 585.81 | 51.97 | (3.03) | 48.94 |
| 13 | Total Bill Excluding Temporary Charges/(Credits) | 988.71 | 1,041.91 | 53.20 (1) | 4.88 (2) | 58.08 |
| <u>Temporary Charges/(Credits)</u> | | | | | | |
| <u>Delivery Charges/(Credits)</u> | | | | | | |
| 14 | 2018 Rate Implementation (Feb-18 to Dec-18) | 1.16 | - | (1.16) | - | (1.16) |
| 15 | Cap-and-Trade (Oct-18 to Dec-18) | 2.52 | - | (2.52) | - | (2.52) |
| 16 | 2015 DSM Deferrals (Oct-18 to Mar-19) | (0.68) | (0.68) | - | - | - |
| 17 | 2017 Deferrals (Jan-19 to Jun-19) | - | 3.47 | 3.47 | - | 3.47 |
| 18 | Total Delivery Charges | 3.01 | 2.79 | (0.21) | - | (0.21) |
| <u>Transportation Charges/(Credits)</u> | | | | | | |
| 19 | 2018 Rate Implementation (Feb-18 to Dec-18) | 0.12 | - | (0.12) | - | (0.12) |
| 20 | 2017 Deferrals (Jan-19 to Jun-19) | - | 2.39 | 2.39 | - | 2.39 |
| <u>Storage Charges/(Credits)</u> | | | | | | |
| 21 | 2018 Rate Implementation (Feb-18 to Dec-18) | 1.42 | - | (1.42) | - | (1.42) |
| <u>Commodity Charges/(Credits)</u> | | | | | | |
| 22 | 2018 Rate Implementation (Feb-18 to Dec-18) | (0.00) | - | 0.00 | - | 0.00 |
| 23 | Total Temporary Charges/(Credits) | 4.54 | 5.18 | 0.64 | - | 0.64 |
| 24 | Total Bill Including Temporary Charges/(Credits) | 993.25 | 1,047.09 | 53.84 | 4.88 | 58.72 |
| <u>Bill Impacts</u> | | | | | | |
| <u>Excluding Temporary Charges/(Credits)</u> | | | | | | |
| 25 | Sales Service | | | 53.20 | 4.88 | 58.08 |
| 26 | Total Bill Impact | | | 5.4% | 0.5% | 5.9% |
| 27 | Commodity Bill Impact (3) | | | 21.3% | 0.0% | 21.3% |
| <u>Including Temporary Charges/(Credits)</u> | | | | | | |
| 28 | Sales Service | | | 53.84 | 4.88 | 58.72 |
| 29 | Total Bill Impact | | | 5.4% | 0.5% | 5.9% |
| 30 | Commodity Bill Impact (4) | | | 21.3% | 0.0% | 21.3% |

Notes:

- (1) EB-2018-0315, Tab 2, Schedule 5.
- (2) EB-2018-0305, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 3.
- (3) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 11.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill including temporary commodity charges/(credits).

Union North West - Rate 10
General Service Customer Bill Impacts
Annual Consumption of 93,000 m³

| Line No. | Particulars | EB-2018-0253 Approved 01-Oct-18 Total Bill (\$) (a) | EB-2018-0315 Proposed 01-Jan-19 Total Bill (\$) (b) | Jan-19 QRAM Impact (\$) (c) = (b) - (a) | EB-2018-0305 2019 Rates Impact (\$) (d) | Total Jan-19 Impact (\$) (e) = (c + d) |
|----------|--|---|---|---|---|--|
| | <u>Delivery Charges</u> | | | | | |
| 1 | Monthly Charge | 840.00 | 840.00 | - | - | - |
| 2 | Delivery Commodity Charge | 6,065.97 | 6,109.04 | 43.07 | 305.56 | 348.63 |
| 3 | Total Delivery Charge | 6,905.97 | 6,949.04 | 43.07 | 305.56 | 348.63 |
| | <u>Supply Charges</u> | | | | | |
| 4 | Transportation to Union | 5,439.30 | 5,460.31 | 21.01 | 0.28 | 21.29 |
| 5 | Prospective Recovery - Transportation | 172.52 | 245.80 | 73.28 | - | 73.28 |
| 6 | Storage Services | 1,543.43 | 1,551.72 | 8.29 | (40.76) | (32.47) |
| 7 | Prospective Recovery - Storage | - | - | - | - | - |
| 8 | Subtotal | 7,155.25 | 7,257.83 | 102.58 | (40.48) | 62.10 |
| 9 | Commodity | 9,822.02 | 11,348.23 | 1,526.21 | 2.77 | 1,528.98 |
| 10 | Prospective Recovery - Commodity & Fuel | (2,014.93) | (701.77) | 1,313.16 | - | 1,313.16 |
| 11 | Subtotal | 7,807.09 | 10,646.46 | 2,839.37 | 2.77 | 2,842.14 |
| 12 | Total Gas Supply Charge | 14,962.34 | 17,904.29 | 2,941.95 | (37.71) | 2,904.24 |
| 13 | Total Bill | 21,868.31 | 24,853.33 | 2,985.02 (1) | 267.85 (2) | 3,252.87 |
| | <u>Temporary Charges/(Credits)</u> | | | | | |
| | <u>Delivery Charges/(Credits)</u> | | | | | |
| 14 | 2018 Rate Implementation (Feb-18 to Dec-18) | 31.67 | - | (31.67) | - | (31.67) |
| 15 | Cap-and-Trade (Oct-18 to Dec-18) | (164.71) | - | 164.71 | - | 164.71 |
| 16 | 2015 DSM Deferrals (Oct-18 to Mar-19) | (74.66) | (74.66) | - | - | - |
| 17 | 2017 Deferrals (Jan-19 to Jun-19) | - | 59.57 | 59.57 | - | 59.57 |
| 18 | Total Delivery Charges | (207.70) | (15.09) | 192.61 | - | 192.61 |
| | <u>Transportation Charges/(Credits)</u> | | | | | |
| 19 | 2018 Rate Implementation (Feb-18 to Dec-18) | - | - | - | - | - |
| 20 | 2017 Deferrals (Jan-19 to Jun-19) | - | (504.96) | (504.96) | - | (504.96) |
| | <u>Storage Charges/(Credits)</u> | | | | | |
| 21 | 2018 Rate Implementation (Feb-18 to Dec-18) | 24.77 | - | (24.77) | - | (24.77) |
| | <u>Commodity Charges/(Credits)</u> | | | | | |
| 22 | 2018 Rate Implementation (Feb-18 to Dec-18) | (0.16) | - | 0.16 | - | 0.16 |
| 23 | Total Temporary Charges/(Credits) | (183.08) | (520.05) | (336.97) | - | (336.97) |
| 24 | Total Bill Including Temporary Charges/(Credits) | 21,685.23 | 24,333.28 | 2,648.05 | 267.85 | 2,915.90 |
| | <u>Bill Impacts</u> | | | | | |
| | <u>Excluding Temporary Charges/(Credits)</u> | | | | | |
| 25 | Sales Service | | | 2,985.02 | 267.85 | 3,252.87 |
| 26 | Total Bill Impact | | | 13.6% | 1.2% | 14.9% |
| 27 | Commodity Bill Impact (3) | | | 36.4% | 0.0% | 36.4% |
| | <u>Including Temporary Charges/(Credits)</u> | | | | | |
| 28 | Sales Service | | | | | |
| 29 | Total Bill Impact | | | 2,648.05 | 267.85 | 2,915.90 |
| 30 | Commodity Bill Impact (4) | | | 12.2% | 1.2% | 13.4% |
| | | | | 36.4% | 0.0% | 36.4% |

Notes:

- (1) EB-2018-0315, Tab 2, Schedule 5.
- (2) EB-2018-0305, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 3.
- (3) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 11.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill including temporary commodity charges/(credits).

Union North East - Rate 10
General Service Customer Bill Impacts
Annual Consumption of 93,000 m³

| Line No. | Particulars | EB-2018-0253 Approved 01-Oct-18 Total Bill (\$) (a) | EB-2018-0315 Proposed 01-Jan-19 Total Bill (\$) (b) | Jan-19 GRAM Impact (\$) (c) = (b) - (a) | EB-2018-0305 2019 Rates Impact (\$) (d) | Total Jan-19 Impact (\$) (e) = (c + d) |
|--|--|---|---|---|---|--|
| <u>Delivery Charges</u> | | | | | | |
| 1 | Monthly Charge | 840.00 | 840.00 | - | - | - |
| 2 | Delivery Commodity Charge | 6,065.97 | 6,109.04 | 43.07 | 305.56 | 348.63 |
| 3 | Total Delivery Charge | 6,905.97 | 6,949.04 | 43.07 | 305.56 | 348.63 |
| <u>Supply Charges</u> | | | | | | |
| 4 | Transportation to Union | 2,345.28 | 2,356.16 | 10.88 | 17.01 | 27.89 |
| 5 | Prospective Recovery - Transportation | (129.74) (4) | (968.60) (5) | (838.86) | - | (838.86) |
| 6 | Storage Services | 4,233.36 | 4,237.82 | 4.46 | (124.79) | (120.33) |
| 7 | Prospective Recovery - Storage | - | - | - | - | - |
| 8 | Subtotal | 6,448.90 | 5,625.38 | (823.52) | (107.78) | (931.30) |
| 9 | Commodity | 12,527.29 | 14,216.35 | 1,689.06 | 2.79 | 1,691.85 |
| 10 | Prospective Recovery - Commodity & Fuel | 1,666.84 (8) | 2,997.67 (9) | 1,330.83 | - | 1,330.83 |
| 11 | Subtotal | 14,194.13 | 17,214.02 | 3,019.89 | 2.79 | 3,022.68 |
| 12 | Total Gas Supply Charge | 20,643.03 | 22,839.40 | 2,196.37 | (104.99) | 2,091.38 |
| 13 | Total Bill | 27,549.00 | 29,788.44 | 2,239.44 (1) | 200.57 (2) | 2,440.01 |
| <u>Temporary Charges/(Credits)</u> | | | | | | |
| <u>Delivery Charges/(Credits)</u> | | | | | | |
| 14 | 2018 Rate Implementation (Feb-18 to Dec-18) | 31.67 | - | (31.67) | - | (31.67) |
| 15 | Cap-and-Trade (Oct-18 to Dec-18) | (164.71) | - | 164.71 | - | 164.71 |
| 16 | 2015 DSM Deferrals (Oct-18 to Mar-19) | (74.66) | (74.66) | - | - | - |
| 17 | 2017 Deferrals (Jan-19 to Jun-19) | - | 59.57 | 59.57 | - | 59.57 |
| 18 | Total Delivery Charges | (207.70) | (15.09) | 192.61 | - | 192.61 |
| <u>Transportation Charges/(Credits)</u> | | | | | | |
| 19 | 2018 Rate Implementation (Feb-18 to Dec-18) | 2.12 | - | (2.12) | - | (2.12) |
| 20 | 2017 Deferrals (Jan-19 to Jun-19) | - | 76.78 | 76.78 | - | 76.78 |
| <u>Storage Charges/(Credits)</u> | | | | | | |
| 21 | 2018 Rate Implementation (Feb-18 to Dec-18) | 39.36 | - | (39.36) | - | (39.36) |
| <u>Commodity Charges/(Credits)</u> | | | | | | |
| 22 | 2018 Rate Implementation (Feb-18 to Dec-18) | (0.16) | - | 0.16 | - | 0.16 |
| 23 | Total Temporary Charges/(Credits) | (166.38) | 61.69 | 228.07 | - | 228.07 |
| 24 | Total Bill Including Temporary Charges/(Credits) | 27,382.62 | 29,850.13 | 2,467.51 | 200.57 | 2,668.08 |
| <u>Bill Impacts</u> | | | | | | |
| <u>Excluding Temporary Charges/(Credits)</u> | | | | | | |
| 25 | Sales Service | | | 2,239.44 | 200.57 | 2,440.01 |
| 26 | Total Bill Impact | | | 8.1% | 0.7% | 8.9% |
| 27 | Commodity Bill Impact (3) | | | 21.3% | 0.0% | 21.3% |
| <u>Including Temporary Charges/(Credits)</u> | | | | | | |
| 28 | Sales Service | | | | | |
| 29 | Total Bill Impact | | | 2,467.51 | 200.57 | 2,668.08 |
| 30 | Commodity Bill Impact (4) | | | 9.0% | 0.7% | 9.7% |
| | | | | 21.3% | 0.0% | 21.3% |

Notes:

- (1) EB-2018-0315, Tab 2, Schedule 5.
- (2) EB-2018-0305, Exhibit F1, Tab 2, Rate Order, Working Papers, Schedule 3.
- (3) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill shown at line 11.
- (4) Commodity bill impact reflects the impact of the gas commodity bill change divided by the current approved gas commodity bill including temporary commodity charges/(credits).