

EB-2017-0306
EB-2017-0307

Enbridge Gas Distribution Inc.
and
Union Gas Limited

**Application for approval to amalgamate Enbridge
Gas Distribution Inc. and Union Gas Limited**
and
for approval of a rate-setting mechanism
and associated parameters from January 1, 2019 to
December 31, 2028

FRPO
COMPENDIUM 3

MAY 28, 2018

UNION GAS LIMITED

Dawn to Parkway System Capacity and Demand, PDO Shift Details, and PDO Demand Revenue Difference

Line No.	Particulars (TJ/d)	2013 Forecast				
		W13/14 (a)	W14/15 (b)	W15/16 (c)	W16/17 (d)	W17/18 (e)
<u>Dawn-Parkway System</u>						
Included in Rates						
1	2013 Cost of Service (EB-2011-0210) Capacity	6,803	6,803	6,803	6,803	6,803
2	Incremental Dawn-Parkway Capacity (1)	-	-	433	876	1,332
3	Total	6,803	6,803	7,236	7,678	8,135
Other Changes (No Impact to Rates)						
4	Other Dawn-Parkway Capacity Changes	-	(2)	(222)	(170)	(246)
Annual Forecast						
5	Total Forecasted Dawn-Parkway Capacity	6,803	6,801	7,014	7,508	7,889
6	Total Forecasted Dawn-Parkway Demands	6,593	6,643	7,049	7,443	7,783
7	Forecast Dawn-Parkway Excess/(Shortfall) (line 5 - line 6) (2)	210 (3)	158	(35) (5)	65	106 (6)
<u>PDO Shift</u>						
Customers without M12 service						
8	Temporarily Available Capacity	-	146	23	13	-
9	Permanent Capacity (from Dawn-Kirkwall Turnback) (5)	-	-	123	133	200
10	Total	-	146 (4)	146	146	200
Customers with M12 service - Permanent Capacity						
11	All Customers excluding TCE Halton Hills	-	19	19	19	19
12	TCE Halton Hills	-	48	48	48	62
13	Total	-	66	66	66	81
14	Total PDO Shift (line 10 + line 13)	-	212	212	212	280
PDO Shift cost in Rates						
15	Dawn-Parkway Demand Costs (\$000's) (5)		2015 Rates	2016 Rates	2017 Rates	2018 Rates
16	Incremental Compressor Fuel Costs (\$000's)		5,143	5,694	6,720	9,726
17	Total		1,900	1,797	1,707	1,705
			7,043	7,491	8,426	11,431
Foregone Demand Revenue of M12 Dawn-Kirkwall Turnback						
18	Used for PDO Shift (\$000's) (7)		580	4,669	5,937	9,993
19	Demand Revenue from Temporarily Available Capacity (line 8 x M12 D-P Rate x 12)		4,563	796	531	-
20	Total		5,143	5,465	6,468	9,993
21	Variance due to Dawn-Parkway Equivalency Differences (\$000's) (line 15 - line 20)		-	229	252	(267) (8)

Notes:

- W15/16 - Incremental capacity resulting from the Brantford-Kirkwall / Parkway D Project of 433 TJ/d.
W16/17 - Incremental capacity resulting from the Dawn Parkway 2016 System Expansion Project of 443 TJ/d.
W17/18 - Incremental capacity resulting from the 2017 Dawn Parkway Project of 457 TJ/d.
- The PDO shift was reflected in Dawn-Parkway excess/(shortfall) beginning W15/16.
- The W13/14 forecast filed in Union's 2013 Cost of Service proceeding (EB-2010-0210) included 210 TJ/d of excess Dawn-Parkway capacity. In the EB-2011-0210 Decision, the Board accepted Union's forecast and regulatory treatment.
Union's 2013 cost allocation study allocates Dawn-Parkway demand costs in proportion to distance weighted design day demands. The 2013 allocation resulted in approximately 84% of costs allocated to Union's ex-franchise rate classes and 16% to Union's in-franchise rate classes.
- In accordance with the Settlement Framework for Reduction of Parkway Delivery Obligation ("PDO Framework") (EB-2013-0365) effective April 1, 2014, Union had temporarily available Dawn-Parkway capacity which was used to facilitate 146 TJ/d of PDO shift. Parties agreed Union would include the demand and fuel costs associated with the 146 TJ/d of capacity in delivery rates. (PDO Framework, Paragraph B1)
- Consistent with the PDO Framework, effective November 1, 2015 the temporarily available capacity was forecast to be used for other purposes leaving Parkway in a delivery shortfall position. Parties agreed that the demand and fuel costs associated with the temporarily available capacity would remain in delivery rates for Union to manage the Parkway delivery shortfall through the acquisition of incremental resources. M12 Dawn to Kirkwall turnback was to be used to first reduce the Parkway delivery shortfall and then to further reduce the remaining PDO. All incremental costs associated with the incremental PDO reduction were recovered by Union in rates (or deferral account due to timing differences). (PDO Framework, Paragraph B2)
- As part of the 2017 Dawn-Parkway Project (EB-2015-0200), Union had forecast a surplus of 30,393 GJ/d on the Dawn-Parkway System following the completion of the project. As part of the EB-2015-0200 Settlement Agreement, Union agreed to market the surplus capacity in accordance with the Storage and Transportation Access Rule ("STAR") and credit the revenues to the project deferral account.
- Exhibit J2.5, Attachment 2, line 7.
- Dawn-Parkway demand revenue variance is expected to continue through the deferred rebasing period.

UNION GAS LIMITED
Calculation of Foregone Demand Revenue from Turnback Used for PDO Shift

Line No.	Particulars	2015 Rates W14/15 (a)	2016 Rates W15/16 (b)	2017 Rates W16/17 (c)	2018 Rates W17/18 (d)
Turnback Used For PDO Shift (TJ/d)					
1	Dawn-Kirkwall turnback - customers without M12 service (1)	-	139	151	242
2	Dawn-Parkway turnback - customers with M12 service (2)	19	19	19	19
Rate M12 Demand Rates (\$/GJ/mo) (3)					
3	Dawn to Kirkwall	2.193	2.421	2.865	3.154
4	Dawn to Parkway	2.604	2.883	3.402	3.716
Foregone Demand Revenue from M12 Turnback Used for PDO Shift (\$000's)					
6	Dawn-Kirkwall (line 2 x line 4 x 12)	-	4,027	5,179	9,165
5	Dawn-Parkway (line 1 x line 3 x 12)	580	643	758	828
7	Total Foregone Revenue (line 5 + line 6)	580	4,669	5,937	9,993

Notes:

- (1) Dawn-Kirkwall contract turnback used to create permanent Dawn-Parkway capacity shown at Exhibit J2.5, Attachment 1, line 9 to facilitate PDO Shift.
- (2) Exhibit J2.5, Attachment 1, line 11.
- (3) Demand rates from Union's annual rates filings: 2015 Rates (EB-2014-0271), 2016 Rates (EB-2015-0116), 2017 Rates (EB-2016-0245), and 2018 Rates (EB-2017-0087).

UNION GAS LIMITED
Dawn to Parkway System Capacity and Demand, PDO Shift Details, and PDO Demand Revenue Difference

Line No.	Particulars (TJ/d)	2013 Forecast				
		W13/14 (a)	W14/15 (b)	W15/16 (c)	W16/17 (d)	W17/18 (e)
<u>Dawn-Parkway System</u>						
Included in Rates						
1	2013 Cost of Service (EB-2011-0210) Capacity	6,803	6,803	6,803	6,803	6,803
2	Incremental Dawn-Parkway Capacity (1)	-	-	433	876	1,332
3	Total	6,803	6,803	7,236	7,678	8,135
Other Changes (No Impact to Rates)						
4	Other Dawn-Parkway Capacity Changes	-	(2)	(222)	(170)	(246)
Annual Forecast						
5	Total Forecasted Dawn-Parkway Capacity	6,803	6,801	7,014	7,508	7,889
6	Total Forecasted Dawn-Parkway Demands	6,593	6,643	7,049	7,443	7,783
7	Forecast Dawn-Parkway Excess/(Shortfall) (line 5 - line 6) (2)	210	(3) 158	(35) (5)	65	106 (6)
<u>PDO Shift</u>						
Customers without M12 service						
8	Temporarily Available Capacity	-	146	23	13	-
9	Permanent Capacity (from Dawn-Kirkwall Turnback) (5)	-	-	123	133	200
10	Total	-	146 (4)	146	146	200
Customers with M12 service - Permanent Capacity						
11	All Customers excluding TCE Halton Hills	-	19	19	19	19
12	TCE Halton Hills	-	48	48	48	62
13	Total	-	66	66	66	81
14	Total PDO Shift (line 10 + line 13)	-	212	212	212	280
PDO Shift cost in Rates						
15	Dawn-Parkway Demand Costs (\$000's) (5)		<u>2015 Rates</u> 5,143	<u>2016 Rates</u> 5,694	<u>2017 Rates</u> 6,720	<u>2018 Rates</u> 9,726
16	Incremental Compressor Fuel Costs (\$000's)		1,900	1,797	1,707	1,705
17	Total		7,043	7,491	8,426	11,431
Foregone Demand Revenue of M12 Dawn-Kirkwall Turnback						
18	Used for PDO Shift (\$000's) (7)		580	6,158	7,699	11,933
19	Demand Revenue Difference (\$000's) (line 15 - line 18)		4,563	(464)	(979)	(2,207) (8)

Notes:

- (1) W15/16 - Incremental capacity resulting from the Brantford-Kirkwall / Parkway D Project of 433 TJ/d.
W16/17 - Incremental capacity resulting from the Dawn Parkway 2016 System Expansion Project of 443 TJ/d.
W17/18 - Incremental capacity resulting from the 2017 Dawn Parkway Project of 457 TJ/d.
- (2) The PDO shift was reflected in Dawn-Parkway excess/(shortfall) beginning W15/16.
- (3) The W13/14 forecast filed in Union's 2013 Cost of Service proceeding (EB-2010-0210) included 210 TJ/d of excess Dawn-Parkway capacity. In the EB-2011-0210 Decision, the Board accepted Union's forecast and regulatory treatment.
Union's 2013 cost allocation study allocates Dawn-Parkway demand costs in proportion to distance weighted design day demands. The 2013 allocation resulted in approximately 84% of costs allocated to Union's ex-franchise rate classes and 16% to Union's in-franchise rate classes.
- (4) In accordance with the Settlement Framework for Reduction of Parkway Delivery Obligation ("PDO Framework") (EB-2013-0365) effective April 1, 2014, Union had temporarily available Dawn-Parkway capacity which was used to facilitate 146 TJ/d of PDO shift. Parties agreed Union would include the demand and fuel costs associated with the 146 TJ/d of capacity in delivery rates. (PDO Framework, Paragraph B1)
- (5) Consistent with the PDO Framework, effective November 1, 2015 the temporarily available capacity was forecast to be used for other purposes leaving Parkway in a delivery shortfall position. Parties agreed that the demand and fuel costs associated with the temporarily available capacity would remain in delivery rates for Union to manage the Parkway delivery shortfall through the acquisition of incremental resources. M12 Dawn to Kirkwall turnback was to be used to first reduce the Parkway delivery shortfall and then to further reduce the remaining PDO. All incremental costs associated with the incremental PDO reduction were recovered by Union in rates (or deferral account due to timing differences). (PDO Framework, Paragraph B2)
- (6) As part of the 2017 Dawn-Parkway Project (EB-2015-0200), Union had forecast a surplus of 30,393 GJ/d on the Dawn-Parkway System following the completion of the project. As part of the EB-2015-0200 Settlement Agreement, Union agreed to market the surplus capacity in accordance with the Storage and Transportation Access Rule ("STAR") and credit the revenues to the project deferral account.
- (7) Exhibit J2.5, Attachment 2, line 7.
- (8) Dawn-Parkway demand revenue difference is expected to continue through the deferred rebasing period.

UNION GAS LIMITED
Calculation of Foregone Demand Revenue from Turnback Used for PDO Shift

Line No.	Particulars	2015 Rates W14/15 (a)	2016 Rates W15/16 (b)	2017 Rates W16/17 (c)	2018 Rates W17/18 (d)
Turnback Used For PDO Shift (TJ/d)					
1	Dawn-Kirkwall turnback - customers without M12 service (1)	-	190	202	293
2	Dawn-Parkway turnback - customers with M12 service (2)	19	19	19	19
Rate M12 Demand Rates (\$/GJ/mo) (3)					
3	Dawn to Kirkwall	2.193	2.421	2.865	3.154
4	Dawn to Parkway	2.604	2.883	3.402	3.716
Foregone Demand Revenue from M12 Turnback Used for PDO Shift (\$000's)					
6	Dawn-Kirkwall (line 2 x line 4 x 12)	-	5,515	6,940	11,104
5	Dawn-Parkway (line 1 x line 3 x 12)	580	643	758	828
7	Total Foregone Revenue (line 5 + line 6)	580	6,158	7,699	11,933

Notes:

- (1) Dawn-Kirkwall contract turnback used to create permanent Dawn-Parkway capacity shown at Exhibit J2.5, Attachment 1, line 9 to facilitate PDO Shift.
- (2) Exhibit J2.5, Attachment 1, line 11.
- (3) Demand rates from Union's annual rates filings: 2015 Rates (EB-2014-0271), 2016 Rates (EB-2015-0116), 2017 Rates (EB-2016-0245), and 2018 Rates (EB-2017-0087).

2. Dawn-Parkway Capital Pass-through Project Demand Allocators and Revenue Requirement

Please see Attachment 2 for the Board-approved 2018 demand allocators and revenue requirement supporting the Dawn-Parkway capital pass-through projects.

3. Value of the W17/18 Excess Dawn-Parkway System Capacity

The value of the 106 TJ/d of excess Dawn-Parkway System capacity Union had forecasted for the W17/18 (Exhibit J2.5, Attachment 1, line 7, column (e)) is approximately \$4.7 million. The value associated with the excess capacity is the revenue Union could realize by contracting with customers to sell the capacity at the 2018 M12 Dawn-Parkway demand rate of \$3.716 GJ/mo.

Included in the 106 TJ/d of excess capacity forecasted for the W17/18 is 30,393 GJ/d Union forecasted as excess capacity in its 2017 Dawn-Parkway Project (EB-2015-0200). The value associated with the 30,393 GJ/d is approximately \$1.4 million of the \$4.7 million referenced above. As part of the EB-2015-0200 Settlement Agreement, Union agreed to market the surplus capacity in accordance with the Storage and Transportation Access Rule (“STAR”) and credit the revenues to the project deferral account.

UNION GAS LIMITED
 Dawn-Trafalgar Easterly Demand and Dawn Station Demand Allocator and Revenue Requirement
 Including 2018 Capital Pass-Through Project Allocator Impact and Revenue Requirement

Line No.	Particulars	Union South	Union North	Ex-Franchise	Total
		In-Franchise	In-Franchise		
		(a)	(b)	(c)	(d) = (a+b+c)
<u>2013 Board-approved (EB-2011-0210)</u>					
1	Dawn-Trafalgar Easterly Demand Allocator (1)	3,588	1,592	26,557	31,737
2	Dawn-Trafalgar Easterly Demand Allocator (%)	11.3%	5.0%	83.7%	100%
3	Dawn-Trafalgar Easterly Demand Revenue Requirement (\$000's) (2)	16,290	7,230	121,346	144,866
4	Dawn Station Demand Allocator (1)	25,994	6,905	116,184	149,083
5	Dawn Station Demand Allocator (%)	17.4%	4.6%	77.9%	100%
6	Dawn Station Demand Revenue Requirement (\$000's) (3)	3,396	902	15,727	20,025
<u>Parkway Projects (EB-2012-0433 & EB-2013-0074)</u>					
7	Project Distance Weighted Design Day Demands ($10^6 \text{m}^3/\text{d} \times \text{km}$) (4)	-	425	2,201	2,626
8	Dawn-Trafalgar Easterly Demand Allocator (line 1 + line 7) (5)	3,588	2,017	28,758	34,363
9	Dawn-Trafalgar Easterly Demand Allocator (%)	10.4%	5.9%	83.7%	100%
10	Dawn-Trafalgar Easterly Demand Revenue Requirement (\$000's) (6)	3,052	3,645	34,951	41,648
<u>2016 Dawn Parkway Expansion (EB-2014-0261)</u>					
11	Project Distance Weighted Design Day Demands ($10^6 \text{m}^3/\text{d} \times \text{km}$) (7)	509	285	1,840	2,634
12	Dawn-Trafalgar Easterly Demand Allocator (line 1 + line 11) (8)	4,097	1,878	28,397	34,371
13	Dawn-Trafalgar Easterly Demand Allocator (%)	11.9%	5.5%	82.6%	100%
14	Dawn-Trafalgar Easterly Demand Revenue Requirement (\$000's) (9)	5,758	3,980	30,788	40,525
<u>2017 Dawn-Parkway Expansion (EB-2015-0200)</u>					
15	Project Distance Weighted Design Day Demands ($10^6 \text{m}^3/\text{d} \times \text{km}$) (10)	-	-	2,323	2,323
16	Dawn-Trafalgar Easterly Demand Allocator (line 1 + line 15) (11)	3,588	1,592	28,879	34,060
17	Dawn-Trafalgar Easterly Demand Allocator (%)	10.5%	4.7%	84.8%	100%
18	Dawn-Trafalgar Easterly Demand Revenue Requirement (\$000's) (12)	2,566	1,139	31,201	34,906
19	Project Design Day Demands Requiring Dawn Compression ($10^3 \text{m}^3/\text{d}$) (13)	12	3	9,735	9,750
20	Dawn Station Demand Allocator (line 4 + line 19) (14)	26,005	6,908	125,919	158,833
21	Dawn Station Demand Allocator (%)	16.4%	4.3%	79.3%	100%
22	Dawn Station Demand Revenue Requirement (\$000's) (15)	3,913	1,039	20,210	25,162

Notes:

- (1) EB-2011-0210, Exhibit G3, Tab 5, Schedule 21, Updated, pp. 10-12. Dawn-Trafalgar Easterly Demand costs are allocated using distance weighted Dawn-Parkway design day demands. Dawn Station Demand costs are allocated using Dawn-Parkway easterly design day demands requiring Dawn compression.
- (2) EB-2011-0210, Exhibit G3, Tab 2, Schedule 14, Updated.
- (3) EB-2011-0210, Exhibit G3, Tab 2, Schedule 12, Updated.
- (4) EB-2012-0451/EB-2012-0433/EB-2013-0074, Exhibit I.A3.UGL.FRPO.28, Attachment 1, column (c).
- (5) EB-2012-0451/EB-2012-0433/EB-2013-0074, Exhibit I.A3.UGL.FRPO.28, Attachment 1, column (e).
- (6) EB-2012-0433, Schedule 12-2, Updated, column (b) and EB-2013-0074, Schedule 10-2, columns (b) and (d).
- (7) EB-2014-0261, Exhibit A, Tab 10, Page 5 of 11, Table 10-1, line 5. North Dawn T-service demands included in Ex-franchise.
- (8) EB-2014-0261, Exhibit A, Tab 10, Page 5 of 11, Table 10-1, line 6. North Dawn T-service demands included in Ex-franchise.
- (9) EB-2014-0261, Settlement Agreement, Appendix 3, Schedule 2, columns (b) and (e).
- (10) EB-2015-0200, Exhibit A, Tab 10, Page 6 of 12, Updated, Table 10-1, line 5.
- (11) EB-2015-0200, Exhibit A, Tab 10, Page 6 of 12, Updated, Table 10-1, line 6.
- (12) EB-2015-0200, Settlement Agreement, Appendix 2, Schedule 2, column (j) plus Dawn-Trafalgar Easterly Demand component of columns (b) and (c).
- (13) EB-2015-0200, Exhibit A, Tab 10, Page 7 of 12, Updated, Table 10-2, (line 7 - line 2 + line 5).
- (14) EB-2015-0200, Exhibit A, Tab 10, Page 7 of 12, Updated, Table 10-2, line 8.
- (15) EB-2015-0200, Settlement Agreement, Appendix 2, Schedule 2, column (f) plus Dawn Station Demand component of columns (b) and (c).

UNION GAS LIMITED
Provision for Depreciation,
Amortization and Depletion
Calendar Year Ending December 31, 2013

<u>Line</u> <u>No.</u>	<u>Particulars (\$000's)</u>	
	Total provision for depreciation and	
1	amortization before adjustments (per page 3)	198,732
2	Adjustments: vehicle depreciation through clearing	<u>2,265</u>
3	Provision for depreciation amortization and depletion	<u><u>196,467</u></u>

UNION GAS LIMITED
Provision for Depreciation,
Amortization and Depletion
Calendar Year Ending December 31, 2013

Line No.	Particulars (\$000's)	Average Plant ⁽¹⁾ (a)	Rate (%) (b)	Provision (c)
	Intangible plant:			
1	Franchises and consents	1,321		63
2	Intangible plant - Other	<u>6,356</u>		<u>122</u>
3		<u>7,677</u>		<u>185</u>
	Local Storage Plant			
4	Structures and improvements	3,299	2.85%	94
5	Gas holders - storage	4,574	2.54%	116
6	Gas holders - equipment	13,250	3.54%	469
7	Regulatory Overheads	<u>1,656</u>	30	<u>55</u>
8		<u>22,779</u>		<u>734</u>
	Storage:			
9	Land rights	32,062	2.10%	673
10	Structures and improvements	47,792	2.50%	1,195
11	Wells and lines	90,073	2.48%	2,234
12	Compressor equipment	235,882	2.68%	6,322
13	Measuring & regulating equipment	46,275	3.11%	1,439
14	Other Storage Equipment	2,302	20.00%	460
15	Regulatory Overheads	<u>14,664</u>	35	<u>419</u>
16		<u>469,050</u>		<u>12,742</u>
	Transmission:			
17	Land rights	37,846	1.76%	666
18	Structures and improvements	54,602	2.03%	1,108
19	Mains	1,078,915	1.98%	21,362
20	Compressor equipment	337,120	3.23%	10,889
21	Measuring & regulating equipment	166,532	2.60%	4,330
22	Regulatory Overheads	<u>44,785</u>	40	<u>1,120</u>
23		<u>1,719,800</u>		<u>39,475</u>
	Distribution - Southern Operations:			
24	Land rights	7,571	1.65%	125
25	Structures and improvements	129,114	2.22%	2,866
26	Services - metallic	113,773	2.81%	3,197
27	Services - plastic	783,833	2.51%	19,674
28	Regulators	68,701	5.00%	3,439
29	Regulator and meter installations	70,003	2.80%	1,956
30	Mains - metallic	414,764	2.83%	11,738
31	Mains - plastic	531,747	2.31%	12,284
32	Measuring & regulating equipment	38,524	3.66%	1,410
33	Meters	226,902	3.82%	8,668
34	Regulatory Overheads	<u>72,124</u>	35	<u>2,061</u>
35		<u>2,457,056</u>		<u>67,418</u>

UNION GAS LIMITED
Provision for Depreciation,
Amortization and Depletion
Calendar Year Ending December 31, 2013

Line No.	Particulars (\$000's)	Average Plant ⁽¹⁾ (a)	Rate (%) (b)	Provision (c)
Distribution plant - Northern & Eastern Operations:				
1	Land rights	9,443	1.71%	161
2	Structures & improvements	62,145	2.41%	1,498
3	Services - metallic	96,441	3.22%	3,106
4	Services - plastic	374,732	2.60%	9,743
5	Regulators	27,294	5.00%	1,365
6	Regulator and meter installations	29,845	2.92%	871
7	Mains - metallic	379,283	3.02%	11,454
8	Mains - plastic	208,318	2.38%	4,958
9	Compressor equipment	-		-
10	Measuring & regulating equipment	110,387	3.77%	4,162
11	Meters	65,744	4.03%	2,649
12	Regulatory Overheads	32,523	35	929
13		<u>1,396,155</u>		<u>40,896</u>
General:				
14	Structures and improvements	44,184	1.92%	848
15	Office furniture and equipment	6,405	6.67%	427
16	Office equipment - computers	101,827	25.00%	25,457
17	Transportation equipment	41,741	13.27%	5,539
18	Heavy work equipment	18,649	6.92%	1,291
19	Tools and other equipment	29,694	6.67%	1,981
20	Communications equipment	15,145	6.67%	1,010
21	Communications structures	225	6.67%	15
22	Regulatory Overheads	7,143	10	714
23		<u>265,013</u>		<u>37,282</u>
24	Contributions in aid of construction			
25	Sub-total	6,337,530		198,732
26	Total provision for depreciation and amortization	6,337,530		198,732
27	Depreciation through clearing			<u>2,265</u>
28		<u>6,337,530</u>		<u>196,467</u>

Note:

(1) A simple average of the opening and closing plant balances was used to calculate the annual depreciation provision.

Customer Name	Contract Identifier	Receipt Point	Delivery Point	Quantity (GJ)	Start Date	End Date	Negotiated Rate	Affiliate
Enbridge Gas Distribution Inc.	C10059	Parkway	Dawn	236,586	01-04-06	31-03-19	N	Y
St. Lawrence Gas Company, Inc.	C10076	Parkway	Dawn	10,785	01-04-07	31-03-21	N	Y
Greenfield Energy Centre LP	C10083	Dawn	Dawn-Vector	92,845	01-03-08	31-10-20	N	N
Energir, L.P. by its General Partner Energir Inc	C10087	Parkway	Dawn	100,000	01-04-11	31-03-19	N	N
TransCanada PipeLines Limited	C10097	Dawn	Dawn (TCPL)	500,000	01-11-10	31-10-20	N	N
York Energy Centre LP	C10102	Dawn	Parkway	11,654	01-04-12	31-12-18	N	N
Bluewater Gas Storage, LLC	C10105	Bluewater	Dawn	0	01-11-13	31-10-23	Y	N
Emera Energy Limited Partnership	C10106	Ojibway	Dawn	21,016	01-11-15	31-10-20	N	N
Emera Energy Limited Partnership	C10107	Kirkwall	Dawn	73,745	01-11-15	31-10-20	N	N
Emera Energy Limited Partnership	C10108	Kirkwall	Dawn	26,335	01-04-15	31-03-21	N	N
Seneca Resources Corporation	C10109	Kirkwall	Dawn	388,261	01-11-16	31-03-23	Y	N
Rover Pipeline LLC	C10113	Ojibway	Dawn	36,927	01-11-17	31-10-25	N	N
TransCanada PipeLines Limited	C10114	Parkway	Dawn	516,787	01-11-17	31-10-20	N	N
TransCanada PipeLines Limited	C10115	Parkway	Dawn	42,202	01-11-17	31-03-21	N	N
BP Canada Energy Group ULC	HUB040E57	Dawn	Parkway	1,277	01-11-17	31-10-18	N	N
BP Canada Energy Group ULC	HUB040E58	Dawn	Parkway	3,053	01-11-17	31-10-18	N	N
BP Canada Energy Group ULC	HUB040E59	Dawn	Parkway	10,789	01-11-17	31-10-18	N	N
Tenaska Marketing Canada - a division of TMV Corp.	HUB078E109	Dawn	Dawn-Vector	31,652	01-11-17	31-10-18	Y	N
Tidal Energy Marketing Inc.	HUB305T159	Parkway	Kirkwall	158,258	01-05-18	31-05-18	Y	Y
Ontario Power Generation Inc.	HUB335T013	Parkway	Dawn	2,650	01-11-17	31-10-18	Y	N
Bluewater Gas Storage, LLC	HUB507T130	Bluewater	Dawn	11,606	01-05-18	31-05-18	Y	N
Macquarie Energy Canada Ltd.	HUB510T051	Dawn	Parkway	330	01-05-18	31-05-18	Y	N
Energir, L.P. by its General Partner Energir Inc	M12007D	Dawn	Parkway	21,021	01-11-91	31-10-19	N	N
1425445 Ontario Limited o/a Utilities Kingston	M12077	Dawn	Parkway	6,322	01-04-04	31-03-21	N	N
Enbridge Gas Distribution Inc.	M12079A	Dawn	Kirkwall	32,123	01-04-14	31-10-20	N	Y
Enbridge Gas Distribution Inc.	M12079B	Dawn	Parkway	1,364,678	01-04-14	31-10-23	N	Y
Enbridge Gas Distribution Inc.	M12079B	Dawn	Parkway (EGT)	400,000	01-04-14	31-10-23	N	Y
Enbridge Gas Distribution Inc.	M12080	Dawn	Parkway	106,000	01-11-06	31-10-20	N	Y
Stelco Inc.	M12085	Dawn	Parkway	11,087	16-09-14	31-10-20	N	N
Energir, L.P. by its General Partner Energir Inc	M12092	Dawn	Parkway	35,000	01-11-06	31-10-19	N	N
Enbridge Gas Distribution Inc.	M12108	Dawn	Parkway	57,100	01-11-07	31-10-20	N	Y
Energir, L.P. by its General Partner Energir Inc	M12109	Dawn	Parkway	65,000	01-11-07	31-10-27	N	N
Goreway Station Partnership by its managing partner Goreway Power Station Holdings ULC	M12110	Dawn	Parkway	140,000	01-11-07	31-10-28	N	N
Vermont Gas Systems, Inc.	M12119	Dawn	Parkway	20,000	01-11-07	31-10-20	N	N
Greater Toronto Airports Authority	M12120	Dawn	Parkway	7,500	01-11-07	31-10-20	N	N
Enbridge Gas Distribution Inc.	M12125	Dawn	Parkway	10,692	01-11-08	31-10-20	N	Y
St. Lawrence Gas Company, Inc.	M12126	Dawn	Parkway	10,785	01-11-08	31-10-20	N	Y
1425445 Ontario Limited o/a Utilities Kingston	M12127	Dawn	Parkway	2,113	01-11-08	31-10-18	N	N
Thorold CoGen L.P. by its General Partner Northland Power Thorold CoGen GP Inc.	M12129	Dawn	Kirkwall	49,500	01-09-09	31-08-29	N	N
Portlands Energy Centre L.P. by its General Partner, Portlands Energy Centre Inc.	M12130	Dawn	Parkway	100,000	13-01-09	31-10-28	N	N
TransCanada Power, a Division of TransCanada Energy Ltd.	M12131	Dawn	Parkway	70,009	01-11-09	31-10-18	N	N
Energir, L.P. by its General Partner Energir Inc	M12132	Dawn	Parkway	52,343	01-04-09	31-03-21	N	N
Aq Energy Co-operative Ltd.	M12151	Dawn	Parkway	1,247	01-11-08	31-10-20	N	N
The Narragansett Electric Company d/b/a National Grid	M12164	Dawn	Parkway	1,081	01-11-11	31-10-20	N	N
Connecticut Natural Gas Corporation	M12166	Dawn	Parkway	6,410	01-11-11	31-10-20	N	N
Aq Energy Co-operative Ltd.	M12167	Dawn	Parkway	1,900	01-11-11	31-10-21	N	N
Consolidated Edison Company of New York, Inc. and Orange and Rockland Utilities, Inc.	M12171	Dawn	Parkway	21,825	01-11-11	31-10-20	N	N
Energir, L.P. by its General Partner Energir Inc	M12172	Dawn	Parkway	22,908	01-04-10	31-03-21	N	N
Enbridge Gas Distribution Inc.	M12175	Dawn	Kirkwall	35,806	01-11-10	31-10-20	N	Y

Customer Name	Contract Identifier	Receipt Point	Delivery Point	Quantity (GJ)	Start Date	End Date	Negotiated Rate	Affiliate
Energir, L.P. by its General Partner Energir Inc	M12176	Dawn	Parkway	88,728	01-04-11	31-03-21	N	N
Central Hudson Gas & Electric Corporation (a subsidiary of CH Energy Group, Inc.)	M12182	Dawn	Parkway	5,467	01-11-11	31-10-20	N	N
York Energy Centre LP	M12184	Dawn	Parkway	76,000	01-04-12	31-10-22	N	N
Niagara Mohawk Power Corporation d/b/a National Grid	M12186	Dawn	Parkway	55,123	01-11-11	31-10-20	N	N
Enbridge Gas Distribution Inc.	M12188	Dawn	Parkway	18,703	01-11-11	31-10-20	N	Y
Vermont Gas Systems, Inc.	M12190	Dawn	Parkway	500	01-11-10	31-10-20	N	N
The Brooklyn Union Gas Company d/b/a National Grid NY	M12193	Dawn	Parkway	12,953	01-11-10	31-10-20	N	N
KeySpan Gas East Corporation d/b/a National Grid	M12194	Dawn	Parkway	17,162	01-11-10	31-10-20	N	N

Central Hudson Gas & Electric Corporation (a subsidiary of CH Energy Group, Inc.)	M12195	Dawn	Parkway	10,792	01-11-10	31-10-20	N	N
Boston Gas Company d/b/a National Grid	M12197	Dawn	Parkway	9,282	01-11-10	31-10-20	N	N
Colonial Gas Company d/b/a National Grid	M12198	Dawn	Parkway	6,475	01-11-10	31-10-20	N	N
Boston Gas Company d/b/a National Grid	M12199	Dawn	Parkway	2,158	01-11-10	31-10-20	N	N
Liberty Utilities (EnergyNorth Natural Gas) Corp.	M12200	Dawn	Parkway	4,317	01-11-10	31-10-22	N	N
Connecticut Natural Gas Corporation	M12201	Dawn	Parkway	18,077	01-11-10	31-10-20	N	N
The Southern Connecticut Gas Company	M12202	Dawn	Parkway	34,950	01-11-10	31-10-20	N	N
Yankee Gas Services Company	M12203	Dawn	Parkway	43,116	01-11-10	31-10-20	N	N
Bay State Gas Company dba Columbia Gas of Massachusetts	M12204	Dawn	Parkway	27,803	01-11-10	31-10-22	N	N
Connecticut Natural Gas Corporation	M12206	Dawn	Parkway	9,170	01-11-10	31-10-20	N	N
The Southern Connecticut Gas Company	M12207	Dawn	Parkway	13,970	01-11-10	31-10-20	N	N
The Brooklyn Union Gas Company d/b/a National Grid NY	M12208	Dawn	Parkway	30,217	01-11-10	31-10-20	N	N
KeySpan Gas East Corporation d/b/a National Grid	M12209	Dawn	Parkway	22,772	01-11-10	31-10-20	N	N
Yankee Gas Services Company	M12210	Dawn	Parkway	20,560	01-11-10	31-10-20	N	N
Yankee Gas Services Company	M12212	Dawn	Parkway	5,380	01-11-10	31-10-20	N	N
The Southern Connecticut Gas Company	M12213	Dawn	Parkway	9,735	01-11-10	31-10-20	N	N
Connecticut Natural Gas Corporation	M12214	Dawn	Parkway	6,489	01-11-10	31-10-20	N	N
Suncor Energy Products Partnership Produits Suncor Energie, S.F.N.C.	M12217	Dawn	Parkway	9,585	01-11-11	31-10-20	N	N
TransCanada Pipelines Limited	M12219	Kirkwall	Parkway	88,497	01-11-12	31-10-22	N	N
TransCanada Pipelines Limited	M12220	Kirkwall	Parkway	174,752	01-11-13	31-10-23	N	N
Emera Energy Limited Partnership	M12221	Kirkwall	Parkway	36,751	01-11-12	31-10-22	N	N
Energir, L.P. by its General Partner Energir Inc	M12222	Dawn	Parkway	257,784	01-11-15	31-10-25	N	N
Vermont Gas Systems, Inc.	M12224	Dawn	Parkway	8,100	01-11-14	31-10-24	N	N
Enbridge Gas Distribution Inc.	M12225	Dawn	Parkway (EGT)	400,000	01-11-15	31-10-25	N	Y
TransCanada Pipelines Limited	M12230	Kirkwall	Parkway	36,301	01-11-16	31-10-31	N	N
Energir, L.P. by its General Partner Energir Inc	M12232	Dawn	Parkway	39,507	01-11-16	31-10-31	N	N
Energir, L.P. by its General Partner Energir Inc	M12233	Dawn	Parkway	19,754	01-11-16	31-10-31	N	N
Enbridge Gas Distribution Inc.	M12234	Dawn	Parkway	170,000	01-11-16	31-10-31	N	Y
Energir, L.P. by its General Partner Energir Inc	M12237	Dawn	Parkway	85,680	01-11-16	31-10-31	N	N
Energir, L.P. by its General Partner Energir Inc	M12244	Dawn	Parkway	36,670	01-11-17	31-10-32	N	N
TransCanada Energy Ltd.	M12246	Dawn	Parkway	143,775	01-11-17	31-10-32	N	N
St. Lawrence Gas Company, Inc.	M12249	Dawn	Parkway	10,412	01-11-17	31-10-32	N	Y
Enbridge Gas Distribution Inc.	M12250	Dawn	Parkway	171,066	01-11-17	31-10-32	N	Y
Enbridge Gas Distribution Inc.	M12250	Dawn	Parkway (EGT)	18,934	01-11-17	31-10-32	N	Y
1425445 Ontario Limited o/a Utilities Kingston	M12251	Dawn	Parkway	5,000	01-11-17	31-10-32	N	N
1425445 Ontario Limited o/a Utilities Kingston	M12252	Kirkwall	Parkway	1,000	01-11-17	31-10-32	N	N
The Corporation of the City of Kitchener	M12253	Kirkwall	Parkway	10,000	01-11-17	31-10-32	N	N
DTE Energy Trading, Inc.	M12255	Kirkwall	Parkway	73,854	01-11-17	31-10-31	N	N
Northern Utilities, Inc.	M12256	Dawn	Parkway	42,962	01-11-17	31-10-33	N	N
Mercuria Commodities Canada Corporation	M12262	Dawn	Parkway	44,019	01-11-16	31-10-18	N	N
Mercuria Commodities Canada Corporation	M12263	Dawn	Parkway	43,837	01-11-16	31-10-18	N	N
TransCanada Pipelines Limited	M12X004	Dawn	Parkway	50,000	01-09-11	31-08-21	N	N

May 2018

Customer Name	Contract Identifier	Receipt Point	Delivery Point	Quantity (GJ)	Start Date	End Date	Negotiated Rate	Affiliate
TransCanada Pipelines Limited	M12X005	Dawn	Parkway	78,316	01-09-11	31-08-21	N	N
Enbridge Gas Distribution Inc.	M12X006	Dawn	Parkway	200,000	01-11-12	31-10-22	N	Y
TransCanada Pipelines Limited	M12X013	Dawn	Parkway	62,695	01-11-12	31-10-23	N	N
1425445 Ontario Limited o/a Utilities Kingston	M12X015	Dawn	Parkway	5,000	01-04-14	31-03-24	N	N
Market Hub Partners Canada L.P.	M16004	Dawn	Market Hub Partners - St. Clair Pool	9,000	01-06-07	31-05-20	N	Y
Market Hub Partners Canada L.P.	M16004	Market Hub Partners - St. Clair Pool	Dawn	5,000	01-06-07	31-05-20	N	Y

ENBRIDGE GAS DISTRIBUTION INC. AND UNION GAS LIMITED

Answer to Interrogatory from
Federation of Rental-housing Providers of Ontario (“FRPO”)

MAADs Issues List – Issue No. 5

Reference: Exhibit B, Tab 1, Attachment 5
EB-2014-0261 Updated Settlement Proposal approved by the Board, April 30, 2015

Preamble:

“UGL 4. Parties agreed 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 would be dealt with in Union’s next cost of service proceeding.

The Settlement Proposal reads: *“The parties do not agree on the risk of Dawn Parkway capacity turnback post-2018. For the purposes of settlement, while the parties agree that leave to construct should be granted, there is no agreement of how turnback risk should be dealt with in the context of the proposed facilities. Parties agree that this issue will be dealt with in Union’s next cost of service proceeding.*

For greater certainty, intervenors are in no way restricted or precluded from making any argument before the Board in that proceeding that it is appropriate that certain cost allocation measures should be put in place to insulate ratepayers from the effect of unutilized and underutilized capacity on the Dawn-Parkway system due to potential turnback risk. Accordingly, parties agree that no conditions related to capacity turnback are required at this time

Question:

Please explain what barriers prevent this issue being addressed at this juncture.

- a. If the only issues are lack of evidence submitted and timeframes associated with this proceeding, what precludes this issue from being addressed in the near term? Please explain fully.

Response:

Addressing Dawn Parkway turnback is not necessary at this time as it is not an issue. In the event that there is Dawn Parkway turnback during the deferred rebasing period that is material, Amalco may consider addressing the issue earlier than rebasing.