Price of Storage at Union (CAN)
In-Franchise **2005**

Line No.		Union	Source	
1	**Converted Cost (Can$/GJ)**			
6				
7	[factor used to convert US$/Dth to Can$/GJ]			
8	Capacity (1 Month)	0.0260	Appendix, page 1	
9	Injection in June	0.06	Appendix, page 1	
10	Capacity (7 months)	0.18		
11	Withdrawal in December	0.06	Appendix, page 1	
12	**Deliverability**	**0.03**	**Appendix, page 1**	
13	Total Storage Charges	0.3277		

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at Enbridge (CAN)
In-Franchise 2005

Line No.		Enbridge	Source	
1	**Converted Cost (Can$/GJ)**			
6				
7	[factor used to convert US$/Dth to Can$/GJ]			
8	Capacity (1 Month)	0.0106	Appendix, page 7	
9	Injection in June	0.12	Appendix, page 7	
10	Capacity (7 months)	0.07	Appendix, page 7	
11	Withdrawal in December	0.12	Appendix, page 7	
12	**Deliverability**	**0.11**	Appendix, page 7	
13	Total Storage Charges	0.4192		

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at ANR-MI
Cost-of-Service

Line No.		2005 ANR (MI)	Source	
1	**Original Cost (US$/Dth)**			
5				
6	Capacity (1 Month)	0.0245	Appendix, page 10	
7	Injection in June	0.0080	Appendix, page 10	
8	Capacity (7 months)	0.1714		
9	Withdrawal in December	0.0080	Appendix, page 10	
10	**Deliverability**	**0.0789**	**Appendix, page 10**	
11	Total Storage Charges	0.2664		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0290		
28	Injection in June	0.0095		
29	Capacity (7 months)	0.2027		
30	Withdrawal in December	0.0095		
31	Deliverability	0.0933		
32	Total Storage Charges	0.3151		
33				

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at Washington 10
Market-Based Rate

Line Number		2005 Washington 10 (MI)	Source	
1	**Original Cost (US$/Dth)**			
5				
6	Capacity (1 Month)	0.0238	Appendix, page 12	
7	Injection in June	0.0000	Appendix, page 12	
8	Capacity (7 months)	0.1666		
9	Withdrawal in December	0.0000	Appendix, page 12	
10	**Deliverability**	**0.0815**	**Appendix, page 12**	
11	Total Storage Charges	0.2481		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0281		
28	Injection in June	0.0000		
29	Capacity (7 months)	0.1970		
30	Withdrawal in December	0.0000		
31	Deliverability	0.0964		
32	Total Storage Charges	0.2934		
33				

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at Midwest-IN
Cost-of-Service

Line Number		2005 Midwest (IN)	Source
1	**Original Cost (US$/Dth)**		
6	Capacity (1 Month)	0.0463	Appendix, page 15
7	Injection in June	0.0056	Appendix, page 15
8	Capacity (7 months)	0.3241	
9	Withdrawal in December	0.0056	Appendix, page 15
10	**Deliverability**	**0.1488**	**Appendix, page 15**
11	Total Storage Charges	0.4841	
20	**Converted Cost (Can$/GJ)**		
26	[factor used to convert US$/Dth to Can$/GJ]	1.183	
27	Capacity (1 Month)	0.0548	
28	Injection in June	0.0066	
29	Capacity (7 months)	0.3833	
30	Withdrawal in December	0.0066	
31	Deliverability	0.1760	
32	Total Storage Charges	0.5725	

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at National Fuels
Cost-of-Service

Line Number		2005 National Fuels (NY)	Source	
1	**Original Cost (US$/Dth)**			
6	Capacity (1 Month)	0.0432	Appendix, page 15	
7	Injection in June	0.0139	Appendix, page 15	
8	Capacity (7 months)	0.3024		
9	Withdrawal in December	0.0139	Appendix, page 15	
10	**Deliverability**	**0.0709**	**Appendix, page 15**	
11	Total Storage Charges	0.4011		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0511		
28	Injection in June	0.0164		
29	Capacity (7 months)	0.3576		
30	Withdrawal in December	0.0164		
31	Deliverability	0.0838		
32	Total Storage Charges	0.4743		

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at TGT
Cost-of-Service

Line Number		2005 TGT North Storage (NY & PA)	Source	
1	**Original Cost (US$/Dth)**			
6	Capacity (1 Month)	0.0304	Appendix, page 15	
7	Injection in June	0.0166	Appendix, page 15	
8	Capacity (7 months)	0.2128		
9	Withdrawal in December	0.0166	Appendix, page 15	
10	**Deliverability**	**0.0471**	**Appendix, page 15**	
11	Total Storage Charges	0.2931		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0360		
28	Injection in June	0.0196		
29	Capacity (7 months)	0.2517		
30	Withdrawal in December	0.0196		
31	Deliverability	0.0557		
32	Total Storage Charges	0.3466		

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at Dominion-NY-PA
Cost-of-Service

Line Number		2005 Dominion (NY & PA)	Source	
1	**Original Cost (US$/Dth)**			
6	Capacity (1 Month)	0.0145	Appendix, page 15	
7	Injection in June	0.0154	Appendix, page 15	
8	Capacity (7 months)	0.1015		
9	Withdrawal in December	0.0154	Appendix, page 15	
10	**Deliverability**	**0.0591**	**Appendix, page 15**	
11	Total Storage Charges	0.1914		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0171		
28	Injection in June	0.0182		
29	Capacity (7 months)	0.1200		
30	Withdrawal in December	0.0182		
31	Deliverability	0.0699		
32	Total Storage Charges	0.2264		

Price of Storage at CGT-OH-PA-NY
Cost-of-Service

Line Number		2005 Columbia Gas Transmission (OH, NY & PA)	Source
1	**Original Cost (US$/Dth)**		
6	Capacity (1 Month)	0.0290	Appendix, page 15
7	Injection in June	0.0153	Appendix, page 15
8	Capacity (7 months)	0.2030	
9	Withdrawal in December	0.0153	Appendix, page 15
10	**Deliverability**	**0.0496**	**Appendix, page 15**
11	Total Storage Charges	0.2832	
20	**Converted Cost (Can$/GJ)**		
26	[factor used to convert US$/Dth to Can$/GJ]	1.183	
27	Capacity (1 Month)	0.0343	
28	Injection in June	0.0181	
29	Capacity (7 months)	0.2401	
30	Withdrawal in December	0.0181	
31	Deliverability	0.0586	
32	Total Storage Charges	0.3349	

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
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Price of Storage at CGT-WV
Cost-of-Service

Line Number		2005 Columbia Gas Transmission (WV)	Source
1	**Original Cost (US$/Dth)**		
6	Capacity (1 Month)	0.0290	Appendix, page 15
7	Injection in June	0.0153	Appendix, page 15
8	Capacity (7 months)	0.2030	
9	Withdrawal in December	0.0153	Appendix, page 15
10	Deliverability	0.0496	Appendix, page 15
11	Total Storage Charges	0.2832	
20	**Converted Cost (Can$/GJ)**		
26	[factor used to convert US$/Dth to Can$/GJ]	1.183	
27	Capacity (1 Month)	0.0343	
28	Injection in June	0.0181	
29	Capacity (7 months)	0.2401	
30	Withdrawal in December	0.0181	
31	**Deliverability**	**0.0586**	
32	Total Storage Charges	0.3349	

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at Dominion-WV
Cost-of-Service

Line Number		2005 Dominion (WV)	Source
1	**Original Cost (US$/Dth)**		
6	Capacity (1 Month)	0.0145	Appendix, page 15
7	Injection in June	0.0154	Appendix, page 15
8	Capacity (7 months)	0.1015	
9	Withdrawal in December	0.0154	Appendix, page 15
10	Deliverability	0.0591	Appendix, page 15
11	Total Storage Charges	0.1914	
20	**Converted Cost (Can$/GJ)**		
26	[factor used to convert US$/Dth to Can$/GJ]	1.183	
27	Capacity (1 Month)	0.0171	
28	Injection in June	0.0182	
29	Capacity (7 months)	0.1200	
30	Withdrawal in December	0.0182	
31	**Deliverability**	**0.0699**	
32	Total Storage Charges	0.2264	
33			

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at NGPL-IL
Cost-of-Service

Line Number		2005 NGPL (IL)	Source	
1	**Original Cost (US$/Dth)**			
6	Capacity (1 Month)	0.0288	Appendix, page 15	
7	Injection in June	0.0197	Appendix, page 15	
8	Capacity (7 months)	0.2017		
9	Withdrawal in December	0.0197	Appendix, page 15	
10	**Deliverability**	**0.0424**	**Appendix, page 15**	
11	Total Storage Charges	0.2835		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0341		
28	Injection in June	0.0233		
29	Capacity (7 months)	0.2386		
30	Withdrawal in December	0.0233		
31	Deliverability	0.0502		
32	Total Storage Charges	0.3354		

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Storage at NGPL-IA
Cost-of-Service

Line Number		2005 NGPL (IA)	Source	
1	**Original Cost (US$/Dth)**			
6	Capacity (1 Month)	0.0288	Appendix, page 15	
7	Injection in June	0.0197	Appendix, page 15	
8	Capacity (7 months)	0.2017		
9	Withdrawal in December	0.0197	Appendix, page 15	
10	**Deliverability**	**0.0424**	**Appendix, page 15**	
11	Total Storage Charges	0.2835		
20	**Converted Cost (Can$/GJ)**			
26	[factor used to convert US$/Dth to Can$/GJ]	1.183		
27	Capacity (1 Month)	0.0341		
28	Injection in June	0.0233		
29	Capacity (7 months)	0.2385		
30	Withdrawal in December	0.0233		
31	Deliverability	0.0502		
32	Total Storage Charges	0.3352		

Price of Gas Stored in Ontario vs. Michigan/NY
C$/GJ

	Dec-04		Dec-05	
Cost of Gas Storage in Ontario	**Union**	**Enbridge**	**Union**	**Enbridge**
Storage	$8.31	$8.40	$ 0.33	$ 0.42
Cost of Gas Storage in MI	**ANR**	**Washington 10**	**ANR**	**Washington 10**
Storage	$8.97	$8.76	$ 0.32	$ 0.29
Cost of Gas Storage in IN	**Midwest-IN**		**Midwest-IN**	
Storage	$9.37		$0.57	
Cost of Gas Storage in NY & PA	**National Fuels**	**TGT North Storage**	**National Fuels**	**TGT North Storage**
Storage	$9.76	$9.62	$ 0.47	$ 0.35
	Dominion	**CGT-PA**	**Dominion**	**CGT-OH-NY-PA**
Storage	$9.97	$9.77	$ 0.23	$ 0.33
Cost of Gas Storage in WV	**CGT-WV**	**Dominion-WV**	**CGT-WV**	**Dominion-WV**
Storage	$9.77	$9.65	$ 0.33	$0.23
Cost of Gas Storage in IL	**NGPL-IL**		**NGPL-IL**	
Storage	$11.26		$ 0.34	
Cost of Gas Storage in IA	**NGPL-IA**		**NGPL-IA**	
Storage	$11.37		$ 0.34	

Source for Table 2	**2004**		**2005**	
Storage Differential to In-Franchise Union/Enbridge	**Union**	**Enbridge**	**Union**	**Enbridge**
ANR-MI	7.94%	6.79%	-3.85%	-24.84%
Washington 10-MI	5.42%	4.29%	-10.46%	-30.01%
Midwest-IN	12.76%	11.55%	74.74%	36.59%
National Fuels-NY-PA	17.45%	16.19%	44.75%	13.15%
TGT North Storage-NY-PA	15.76%	14.52%	5.78%	-17.32%
Dominion-NY-PA	19.98%	18.69%	-30.91%	-45.99%
CGT-OH-NY-PA	17.57%	16.31%	2.20%	-20.11%
CGT-WV	17.57%	16.31%	2.20%	-20.11%
Dominion-WV	16.13%	14.88%	-30.91%	-45.99%
NGPL-IL	35.50%	34.05%	2.35%	-20.00%
NGPL-IA	36.82%	35.36%	2.31%	-20.02%

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Price of Gas Storage in Ontario vs. Michigan/NY
C$/GJ
Assuming Union Storage Rate is $0.90

	Dec-04		Dec-05	
Cost of Gas Storage in Ontario	**Union**	**Enbridge**	**Union**	**Enbridge**
Storage	$8.31	$8.40	$ 0.90	
Cost of Gas Storage in MI	**ANR**	**Washington 10**	**ANR**	**Washington 10**
Storage	$8.97	$8.76	$ 0.32	$ 0.29
Cost of Gas Storage in IN	**Midwest-IN**		**Midwest-IN**	
Storage	$9.37		$0.57	
Cost of Gas Storage in NY & PA	**National Fuels**	**TGT North Storage**	**National Fuels**	**TGT North Storage**
Storage	$9.76	$9.62	$ 0.47	$ 0.35
	Dominion	**CGT-PA**	**Dominion**	**CGT-OH-NY-PA**
Storage	$9.97	$9.77	$ 0.23	$ 0.33
Cost of Gas Storage in WV	**CGT-WV**	**Dominion-WV**	**CGT-WV**	**Dominion-WV**
Storage	$9.77	$9.65	$ 0.33	$0.23
Cost of Gas Storage in IL	**NGPL-IL**		**NGPL-IL**	
Storage	$11.26		$ 0.34	
Cost of Gas Storage in IA	**NGPL-IA**		**NGPL-IA**	
Storage	$11.37		$ 0.34	

Source for Table 2	**2004**		**2005**	
Storage Differential to Ex-Franchise Union	**Union**	**Enbridge**	**Union**	
ANR-MI	7.94%	6.79%	-64.99%	
Washington 10-MI	5.42%	4.29%	-67.40%	
Midwest-IN	12.76%	11.55%	-36.38%	
National Fuels-NY-PA	17.45%	16.19%	-47.30%	
TGT North Storage-NY-PA	15.76%	14.52%	-61.49%	
Dominion-NY-PA	19.98%	18.69%	-74.85%	
CGT-OH-NY-PA	17.57%	16.31%	-62.79%	
CGT-WV	17.57%	16.31%	-62.79%	
Dominion-WV	16.13%	14.88%	-74.85%	
NGPL-IL	35.50%	34.05%	-62.74%	
NGPL-IA	36.82%	35.36%	-62.75%	

Witness: Ms. Bruce McConihe
Question: July 12, 2006
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Delivered Prices From Enerdata Page 1 of 3

		Jun-04	Jun-05
	Exchange Rate:1Can$=$U.S.	$0.73	$0.80
Line Number			
1		Average	Average
2		$/Dth	$/Dth
3			
4	**Upper Midwest- MI, WI, IA**		
5	Canadian gas at Monchy	5.84	5.57
6	Northern Border to IA	0.33	0.33
7	Northern Natural to WI	0.35	0.35
8	*Total from Monchy to IA on NB*	6.15	5.86
9	*Total from Monchy to WI on NB/NN*	6.50	6.21
10	Canadian gas at Emerson	6.07	5.74
11	Viking to WI	0.05	0.05
12	ANR to WI, MI	0.16	0.16
13	*Total Viking to WI*	6.12	5.79
14	*Total Viking/ANR to WI, MI*	6.35	6.01
15	Great Lakes to ANR in MI	0.19	0.19
16	ANR min to MI	0.04	0.04
17	*Total GL to MI*	6.26	5.93
18	*Total GL/ANR to MI*	6.30	5.97
19			
20	U.S. gas to IA, WI from Anadarko		
21	Northern Natural in TX Panhandle	6.32	6.15
22	NN to IA, WI	0.49	0.49
23	*Total to IA, WI from Anadarko*	6.81	6.64
24	U.S. gas to MI from TX Panhandle		
25	ANR	6.35	5.82
26	Panhandle	6.34	5.82
27	ANR Rate to MI	0.12	0.12
28	Panhandle rate to MI	0.32	0.32
29	*Total to MI from ANR*	6.47	5.94
30	*Total to MI from Panhandle*	6.66	6.14
31			
32	**Lower Midwest- IL, IN**		
33	Canadian gas at Monchy	5.84	5.57
34	Northern Border to IA	0.33	0.33
35	Northern Natural to WI	0.35	0.35
36	ANR to IL, IN	0.16	0.16
37	*Total from Monchy to IL, IN on NB/NN/ANR*	6.71	6.42
38	Canadian gas at Emerson	6.07	5.74
39	Viking to ANR in WI	0.05	0.05
40	ANR to IL, IN	0.16	0.16
41	*Total Viking to IL, IN on VI/ANR*	6.35	6.01
42	Great Lakes to ANR in MI	0.19	0.19
43	ANR to IL,IN	0.16	0.16
44	*Total GL/ANR to IL, IN*	6.49	6.15

Witness: Ms. Bruce McConihe
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		Jun-04	Jun-05
	Exchange Rate:1Can$=$U.S.	$0.73	$0.80
Line Number			
1		Average	Average
2		$/Dth	$/Dth
3	U.S. gas to IL, IN from Anadarko		
4	Northern Natural from TX Panhandle	6.32	6.15
5	NN to ANR in WI	0.49	0.49
6	ANR to IL,IN	0.16	0.16
7	*Total NN/ANR to IL, IN*	7.03	6.81
8	U.S. gas to IL, IN from TX Panhandle		
9	ANR	6.35	5.82
10	Panhandle	6.34	5.82
11	NGPL	6.33	6.16
12	ANR to IL, IN	0.16	0.16
13	Panhandle to IL, IN	0.49	0.49
14	NGPL to IL, IN	0.28	0.28
15	*Total ANR to IL, IN*	6.57	6.04
16	*Total Panhandle to IL, IN*	6.83	6.31
17	*Total NGPL to IL, IN*	6.61	6.44
18	U.S. gas to IL, IN from Southern Louisiana		
19	Trunkline	6.45	6.30
20	ANR	6.46	6.15
21	Trunkline to IL, IN	0.31	0.31
22	ANR to IL, IN	0.16	0.16
23	*Total Trunkline to IL, IN*	6.76	6.61
24	*Total ANR to IL,IN*	6.68	6.37
25	U.S. gas to IL, IN from Southern Texas		
26	Tennessee	6.42	6.10
27	Tennessee to Midwestern in TN	0.26	0.26
28	Midwestern to IL,IN	0.09	0.09
29	*Total TN/MW to IL, IN*	6.76	6.42
30	NGPL	6.28	6.13
31	NGPL to IL	0.28	0.28
32	*Total NGPL to IL*	6.56	6.41
33			
34	**New York**		
35	Canadian gas at Niagara Falls	6.97	6.36
36	Tennessee to NY	0.22	0.22
37	*Total from Niagara Falls to NY*	7.16	6.58
38	Canadian gas at Iroquois	6.95	6.40
39	Iroquois Gas Trans. to Wright, NY	0.22	0.22
40	*Total from Iroquois to NY*	7.14	6.61
41	U.S. gas to NY from Southern TX		
42	Tennessee in S. TX	6.42	6.10
43	TN to NY	0.60	0.60
44	*Total S. TX to NY*	7.02	6.70
45	U.S. gas to NY from Appalachia		
46	CNG in Appalachia	6.78	6.43
47	CNG to NY	0.12	0.12
48	*Total Appalachia to NY*	6.90	6.55

Witness: Ms. Bruce McConihe
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		Jun-04	Jun-05
	Exchange Rate:1Can$=$U.S.	$0.73	$0.80
Line Number			
1		Average	Average
2		CAN$/GJ	CAN$/GJ
3	**S. Ontario**		
4	Alberta gas at Alberta border C$/GJ	7.22	6.74
5	TCPL to S. ON, IS2, IS1, C$/GJ	1.25	1.25
6	*Total from AB to S. ON*	8.47	7.99
7	Foothills to NB at Monchy, C$/GJ	0.16	0.16
8	NB to NN in IA, US$/MMbtu	0.33	0.33
9	NN to ANR in WI, US$/MMbtu	0.35	0.35
10	ANR to MichCon to St. Clair to Union	0.16	0.16
11	*Total AB to S. Ont., C$/GJ*	8.54	7.99
12	TCPL to VI at Emerson, C$/GJ	0.45	0.45
13	VI to ANR in WI, US$/MMbtu	0.05	0.05
14	ANR to MichCon to St. Clair to Union	0.16	0.16
15	*Total to S. Ont.*	7.98	7.51
16	U.S. gas to S. ON from Southern LA, C$/GJ		
17	Trunkline in S. LA	6.45	6.30
18	Trunkline/Panhandle to Union	0.45	0.45
19	*Total Trunkline to S. ON*	8.95	7.98
20	ANR in S. LA	6.46	6.15
21	ANR to MichCon to St. Clair to Union	0.16	0.16
22	*Total Trunkline to S. ON*	8.95	7.98
23	Tennessee in S. LA	6.47	6.03
24	TN to TCPL at Niagara Falls to Union (Backhaul)	0.60	0.60
25	*Total TN in S. LA to S. ON*	9.17	7.83
26	U.S. gas to S. ON from TX Panhandle		
27	ANR	6.35	5.82
28	ANR to MichCon to St. Clair to Union	0.16	0.16
29	*Total ANR to S. ON*	8.52	7.16
30	Kern River at Opal	5.68	5.28
31	Kern River Raste to Cal.	0.20	0.20
32	*Total Kern River to Cal.*	5.88	5.48

Witness: Ms. Bruce McConihe
Question: July 12, 2006
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Pipeline Capacity Availability between Dawn Storage and Other Competitive Storage Options

	Storage Co	Location	Connecting Pipeline	To	Connecting Pipeline	To	Connecting Pipeline	To	Transportation Rate (US$/Dth), excluding fuel
Line Number	EnCana	AB	TCPL	Parkway					$0.8207
1	EnCana	AB	TCPL	Emerson	GLGT	St. Clair			$0.6510
2	EnCana	AB	Alliance	Vector	Vector	Dawn			$1.2290
3	ANR Pipeline	MI	ANR	Michcon	Michcon	St. Clair			$0.3592
4	ANR Storage	MI	ANR	Michcon	Michcon	St. Clair			$0.3592
5	Consumers Energy	MI	Consumers Energy	Bluewater					$0.4375
6	Michcon	MI	Michcon	St Clair					$0.2120
7	Michigan Gas Utilities	MI	Michcon	St Clair					$0.2120
8	Semco	MI	Michcon	St Clair					$0.2120
9	Wash. 10	MI	Michcon	St Clair					$0.2120
10	SW/PEP	MI	Panhandle	Ojibway					Milage
11	NFG	NY/PA	NFG	Niagara	TCPL	Kirkwall			$0.1716
12	Honoeye	NY	NFG	Niagara	TCPL	Kirkwall			$0.1716
13	TGT North Storage - Tenesse	NY/PA	TGT	Niagara	TCPL	Kirkwall			$0.1716
14	Dominion	NY/PA	Dominion	NFG	NFG	Niagara	TCPL	Kirkwall	$0.3415
15	Dominion	WV	Dominion	NFG	NFG	Niagara	TCPL	Kirkwall	$0.3473
16	CGT columbia	NY/PA/WV	CGT	NFG	NFG	Niagara	TCPL	Kirkwall	$0.2939
17	NIPSCO - Northern Indiana Public Service Company	IN	Vector	Dawn					$0.3290
18	Indiana Gas	IN	ANR	Michcon	Michcon	St. Clair			$0.3592
19	Nicor	IL	Vector	Dawn					$0.3290
20	Peoples	IL	Vector	Dawn					$0.3290
21	NGPL	IL/IA	NGPL	ANR	Michcon	St. Clair			$0.5023

Source: BSA 2006, from industry discussions, in-house information.

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

APPENDIX – TABLE 2 SOURCES
UNION GAS

Witness: Ms. Bruce McConihe
Question: July 12, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

uniongas

Effective
2004-01-01
Rate M12
Page 1 of 6

STORAGE AND TRANSPORTATION RATES

(A) Applicability

The charges under this schedule shall be applicable to a Shipper who enters into a Storage or Transportation Service Contract with Union.

(B) Services

Storage service under this rate schedule is for storage in Union's storage facilities and must be combined with transportation service to transport the gas out of Union's franchise area.

Transportation Service under this rate schedule is transportation on Union's Dawn - Oakville facilities.

(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 or lower than the identified rates.

	Monthly Demand Charge Rate/GJ per month for daily contract demand	Commodity Charge Rate/GJ	For Shippers Providing Their Own Fuel: Fuel Ratio Apr-Oct	Fuel Ratio Nov-Mar	Commodity Charge Rate/GJ
Storage					
Space - Union Providing Deliverability Inventory (1), (5)	$0.026 – Capacity				
- Shipper Providing Deliverability Inventory (1), (5)	$0.010				
Deliverability:					
- Firm (5)	$1.024				
- Interruptible: Maximum	$3.575				
Injection		$0.056	0.63%	0.63%	$0.004
Withdrawal		$0.056	0.63%	0.63%	$0.004
Dehydration (2)		$0.001			$0.001
Firm Transportation (3)					
Without compression at Union's Dawn Compression Station ("Dawn")					
- Easterly Flow					
Dawn to Kirkwall	$1.713	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 1.			$0.000
Dawn to Oakville/Parkway	$2.079				$0.000
With Dawn Compression					
- Easterly Flow					
Dawn to Kirkwall	$1.968	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 1.			$0.000
Dawn to Oakville/Parkway	$2.334				$0.000
- Westerly Flow	n/a				$0.000
Dawn Compression	$0.255				
Parkway to Parkway					0.35%
Dehydration (2) - Tecumseh	$0.045	$0.001			$0.001

(C) Rates (cont'd)

	Monthly Demand Charge Rate/GJ per month for daily contract demand	Commodity Charge Rate/GJ	For Shippers Providing Their Own Fuel Fuel Ratio Apr-Oct	Fuel Ratio Nov-Mar	Commodity Charge Rate/GJ
Limited Firm/Interruptible Transportation with Dawn Compression (3)					
- Easterly Flow Maximum	$5.602	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 1.			$0.000
Firm Transportation Demand From Dawn to Kirkwall and Dawn to Oakville/Parkway Without LCU Protection					
- Easterly Flow - Kirkwall Maximum	$5.602	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 1.			$0.000
- Easterly Flow - Parkway Maximum	$5.602	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 1.			$0.000

Authorized Overrun

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.

	Union Providing Fuel Commodity Charge Rate/GJ	For Shippers Providing Their Own Fuel Fuel Ratio Apr-Oct	Fuel Ratio Nov-Mar	Commodity Charge Rate/GJ
Firm or Limited Firm/Interruptible or without LCU protection				
Storage Commodity:				
Injection	$ 0.124	1.05%	1.05%	$ 0.038
Withdrawal	$ 0.124	1.05%	1.05%	$ 0.038
Dehydration - Tecumseh	$ 0.003			$ 0.003
Others	$ 0.001			$ 0.001
Dawn Compression	$ 0.008			$ 0.008
Firm or Interruptible Transportation Commodity: (4)				
Without Dawn Compression - Easterly				
Dawn to Kirkwall	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 2.			$ 0.056
Dawn to Oakville/Parkway				$ 0.068
With Dawn Compression - Easterly				
Dawn to Kirkwall	Monthly commodity rates and fuel ratios shall be in accordance with Schedule "C", page 2.			$ 0.065
Dawn to Oakville/Parkway				$ 0.077
Westerly				$ 0.077
Parkway Overrun				0.92%

(C) Rates (cont'd)

Unauthorized Overrun (4)

Authorized Overrun rates payable on all 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/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/GJ for all usage on any day in excess of 102% of Union's contractual obligation.

Overrun of Maximum Storage Balance (the Excess Storage Balance)

The rate payable shall be $0.937/GJ on the Excess Storage Balance during the period of August 1 through to and including December 15. The rate payable shall be $0.094/GJ on the Excess Storage Balance during the period of December 16 through to and including July 31.

For any Extension Period, the rate payable shall be $0.056/GJ times the quantity in the Excess Storage Balance as of the date of such extension.

Union, during any Extension Period, may upon forty-eight (48) hours verbal notice to Shipper (to be followed in writing) take possession of Shipper's gas in storage (which shall be immediately forfeited to Union without further recourse).

These rates will be charged in addition to the normal injection and withdrawal charges.

Drafted Storage Balance

The rate payable shall be $0.937/GJ on the Drafted Storage Balance during the period of February 1 through to and including April 30.

The rate payable shall be $0.094/GJ on the Drafted Storage Balance during the period of May 1 through to and including January 31.

For any Extension Period, the rate payable shall be $0.056/GJ times the quantity in the Drafted Storage Balance as of the date of such extension.

Union, during any Extension Period, may upon forty-eight (48) hours verbal notice to Shipper (to be followed in writing), replace the outstanding gas at Shipper's expense (which will include all costs related to replacing such gas, plus a charge equal to 25% of the incremental cost of the gas purchased for each unit so replaced).

These rates will be charged in addition to the normal injection and withdrawal charges.

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) Deliverability inventory being defined as 20% of storage space.

(2) Dehydration commodity charges are applicable to all quantities withdrawn from storage on any day that the dehydrator unit is in operation.

(3) 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).

Transportation commodity charges or fuel quantity do not apply to TCPL for quantities delivered directly by TCPL to Union, or to Union on behalf of Union's storage and transportation Shippers. Quantities delivered directly are defined as those quantities transported through TCPL's Northern Ontario pipeline systems.

(4) 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).

(5) Service unavailable after March 31, 2004.

(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. The YCCR and YCR adjustments must be paid/remitted to/from Shippers at Dawn within one billing cycle after invoicing.

$$YCR = \sum_{1}^{5} [(0.003505 \times (QT1 + QT2 + QT3)) + (DSF \times (QT1 + QT3)) + F_{ST}] \text{ For May 1 to Sept. 30}$$

plus

$$\sum_{6}^{12} [(0.003505 \times (QT1 + QT2 + Q3)) + (DWF \times QT1) + F_{WT}] \text{ For Oct. 1 to Apr. 30}$$

$$YCRR = \sum_{1}^{5} [(0.003505 \times (QT1 + QT2 + QT3)) + (DSF \times (QT1 + QT3)) + F_{ST}] \times R \text{ For May 1 to Sept. 30}$$

plus

$$\sum_{6}^{12} [(0.003505 \times (QT1 + QT2 + Q3)) + (DWF \times QT1) + F_{WT}] \times R \text{ For Oct. 1 to Apr.30}$$

where: DSF = 0.00000 for Dawn fuel requirements
DWF = 0.0020 for Dawn fuel requirements

in which:

YCR 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).

QT2 Monthly quantities in GJ transported easterly hereunder which may be required to be delivered to Dawn at not less than 5 860 kPa (no compression required at Dawn).

QT3 Monthly quantities in GJ transported westerly hereunder received at the Parkway (Oakville) Delivery Point.

(D) Transportation Commodity (cont'd)

F_{WT} 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 and QT2 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.

F_{ST} 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 Storage and Transportation Shippers will be allocated to supply Union's markets on the Dawn-Oakville/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 31st.

Storage Fuel

On a monthly basis, the Shipper will provide Union at Dawn with the Storage Fuel Quantity representing the Shipper's share of compressor fuel and unaccounted for gas on Union's system for storage service.

(E) Provision for Compressor Fuel (cont'd)

The Storage Fuel Quantity will be determined on a monthly basis, as follows:

Storage Fuel Quantity = (Injection + Withdrawal Quantities) x Storage Fuel Ratio.

Nominations

The Shipper will be required to nominate its Transportation Fuel Quantity and its Storage Fuel Quantity in addition to its normal nominations for storage and transportation services. Nominations shall be in accordance with the attached Schedule "B".

(F) Terms of Service

The General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule "A".

(G) Nominations

Nominations under this rate schedule shall be in accordance with the attached Schedule "B".

Effective January 1, 2004
O.E.B. ORDER # RP-2003-0063 Chatham, Ontario

Supersedes EB-2004-0210 Rate Schedule effective April 1, 2004.

RATE NUMBER 315

GAS STORAGE SERVICE

APPLICABILITY:

To any Applicant who has entered into a Companion Service Contract with the Company for service under Rate 125, Rate 300 or Rate 305. The Applicant for service hereunder must enter into a Service Contract with the Company for a maximum daily volume of natural gas which the Company must receive from storage for transportation to a single Terminal Location specified in the Companion Service Contract. The Service Contract shall also specify a minimum annual capacity of storage space of sixty (60) times the Storage Demand.

CHARACTER OF SERVICE:

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure. The maximum daily volume of natural gas that the Company must receive for injection to storage shall be sixty percent (60%) of the Storage Demand.

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.

Monthly Demand and Commodity Charges:

Demand Charge	
Per cubic metre of Storage Demand	12.3892 ¢/m³
Per cubic metre of Space Demand	0.0404 ¢/m³
Commodity Charge	
Per cubic metre of gas delivered to / received from storage	0.4514 ¢/m³

FUEL RATIO REQUIREMENT:

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

MINIMUM BILL:

See Terms and Conditions of Service.

TERMS AND CONDITIONS OF SERVICE:

1. 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.
2. A Nominated Volume will not be accepted for withdrawal if greater than:
   (i) the Storage Demand
   (ii) the balance of gas in storage on the day of a withdrawal nomination.
3. A Nominated Volume will not be accepted for injection if greater than:
   (i) sixty percent (60%) of the Storage Demand
   (ii) the difference between the Space Demand and the balance of gas in storage on the day of an injection nomination.

RATE NUMBER 315

4. The actual volumes of gas received from and delivered to storage on a day shall be determined pursuant to the Terms and Conditions of Service of the Companion Rate Schedule applicable to the Companion Service Contract
5. The Company shall keep a record of the net volume of gas owing to the Applicant.
6. If the Service Contract is renewed the Applicant may elect to carry any balance of gas in storage at the end of the current Service Contract forward into the renewal Service Contract, provided that such carry forward quantity shall not exceed the Space Demand under the renewal Service Contract.
7. The Applicant shall give notice in writing at least ninety (90) days in advance of the end of the contract year that it will not be renewing the Service Contract and in such notice shall advise the Company of its plans to dispose of any balance of gas in storage as of the date of giving such notice. Any balance not withdrawn by the end of the contract year shall be forfeited to, and be the property of, the Company.

EFFECTIVE DATE:

To apply to bills rendered for gas service provided on and after January 1, 2006. This rate schedule is effective January 1, 2006 and replaces the identically numbered rate schedule that specifies, as the Effective Date, October 1, 2005 and that indicates, as the Board Order, EB-2005-0461.

RATE NUMBER 325 | TRANSMISSION, COMPRESSION AND POOL STORAGE SERVICE

APPLICABILITY AND CHARACTER OF SERVICE:

Service under this rate schedule shall apply to the Transmission and Compression Service 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. Service shall be provided subject to the terms and conditions specified in the Service Agreement.

RATE:

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

	Transmission & Compression $/10³m³	Pool Storage $/10³m³
Demand Charge for:		
Annual Turnover Volume	0.1760	0.2121
Maximum Daily Withdrawal Volume	16.0572	19.4444
Commodity Charge	2.3240	0.9630

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.

RATE NUMBER 325

	Excess Volume Charge $/10³m³ / Year	Overrun Charge $/10³m³ / Day
Transmission & Compression		
Authorized	2.3276	0.5279
Unauthorized	-	211.9550
Pool Storage		
Authorized	2.7997	0.6393
Unauthorized	-	256.6661

(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, 2006. This rate schedule is effective January 1, 2006 and replaces the identically numbered rate schedule that specifies, as the Effective Date, October 1, 2005 and that indicates, as the Board Order, EB-2005-0461.

RATE NUMBER 330 | TRANSMISSION AND COMPRESSION AND POOL STORAGE

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.

	Full Cycle		Short Cycle
	Firm	Interruptible	
	$/10³m³	$/10³m³	$/10³m³
Monthly Demand Charge per unit of Annual Turnover Volume:			
Minimum	0.3881	0.3881	-
Maximum	1.9404	1.9404	-
Monthly Demand Charge per unit of Contracted Daily Withdrawal:			
Minimum	35.5016	28.4013	-
Maximum	177.5080	142.0064	-
Commodity Charge per unit of gas delivered to / received from storage:			
Minimum	3.2870	3.2870	1.3723
Maximum	16.4350	16.4350	46.5644

FUEL RATIO REQUIREMENT:

The Fuel Ratio per unit of gas injected and withdrawn is 0.25%.

TRANSACTING IN ENERGY:

The conversion factor is 37.74MJ/m3, 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.

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.

	Full Cycle		Short Cycle
	Firm	Interruptible	
	$/10³m³	$/10³m³	$/10³m³
Authorized Overrun Annual Turnover Volume Negotiable, not to exceed:	46.5644	46.5644	46.5644
Authorized Overrun Daily Injection/Withdrawal Negotiable, not to exceed:	46.5644	46.5644	46.5644
Unauthorized Overrun Annual Turnover Volume Excess Storage Balance			
September 1 - November 30	465.6439	465.6439	465.6439
December 1 - October 31	46.5644	46.5644	46.5644
Unauthorized Overrun Annual Turnover Volume Negative Storage Balance			

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, 2006. This rate schedule is effective January 1, 2006 and replaces the identically numbered rate schedule that specifies, as the Effective Date, October 1, 2005 and that indicates, as the Board Order, EB-2005-0461.

ANR Storage Company
FERC Gas Tariff
Original Volume 1

Ninth Revised Sheet No. 5 : Effective
Supercedes Eighth Revised Sheet No. 5

STATEMENT OF RATES FOR STORAGE OF NATURAL GAS

RATE SCHEDULE FS	Maximum Rate per Dth	Minimum Rate per Dth
1. Reservation Rate		
a. Deliverability - Monthly	$ 2.39997	$ 0
b. Capacity - Monthly	$ 0.02449	$ 0
C. Deliverability - Daily (3)(4)	$ 0.07890	$ 0
D. Capacity - Daily (3)(4)	$ 0.00081	$ 0
2. Injection/Withdrawal Commodity Rate	$ 0.00804	$ 0.00804
3. Overrun Service Rate (1)	$ 0.08345	$ 0.00804

RATE SCHEDULE IS	Maximum Rate per Dth	Minimum Rate per Dth
1. Commodity Rate	$ 0.08345	$ 0.00804

SURCHARGE APPLICABLE TO FS AND IS SERVICE (2)	Maximum Rate per Dth	Minimum Rate per Dth
1. ACA	$ 0.0018	$ 0.0018

Rate Schedules FS and IS	
Seller's Injection Use	1.3 %
Seller's Withdrawal Use	0.2 %

(1) See Section 4.2 of Rate Schedule FS for definition.
(2) See Section 5 of Rate Schedules FS and IS for applicability.
(3) Rates applicable for Volumetric Rate Capacity Release
(4) See Section 1.27 of the General Terms and Conditions

Issued by: Byron S. Wright, Vice President
Issue date: 08/31/05

Effective date: 10/01/05

M.P.S.C. No. 2 - Gas
Washington 10 Storage Corporation

Original Sheet No. 31

SECTION 31
WASHINGTON 10 STORAGE CORPORATION
STATEMENT OF CURRENTLY EFFECTIVE RATES

	Maximum Rate Per Dth	Minimum Rate Per Dth
Firm Storage Service S-1[1]		
Deliverability Rate per Month	$2.4788 deliverability	$0.0000
Capacity Rate per Month	$0.0238	$0.0000
Injection Rate	$0.0000	$0.0000
Withdrawal Rate	$0.0000	$0.0000
Firm Storage Service S-2 Price Caps[1]		
Deliverability	$5.0000	$0.0000
Capacity	$0.0833	$0.0000
Injection	$0.0000	$0.0000
Withdrawal	$0.0000	$0.0000
Interruptible Storage Service I-1[1]		
Usage Rate	$0.1123	$0.0000
Interruptible Storage Service I-2 Price Caps[1]		
Usage Rate	$1.6000	$0.0000
Authorized Overrun Service[1]		
Usage Rate	$0.1123	$0.0000
Parking and Loaning Service PALS-1[1]		
Usage Rate	$0.1123	$0.0000
Parking and Loaning Service PALS-2 Price Caps[1]		
Usage Rate	$1.6000	$0.0000
Transportation Service T-1	$0.0250	$0.0000
Wheeling Service		
Usage Rate	$0.0250	$0.0000
Title Transfer Service		
Transaction Fee	$0.0000	$0.0000
Unauthorized Overrun Charge	$25.0000	$25.0000

Michigan Public Service Commission
December 21, 2004
Filed JKB

[1] The T-1 Transportation Service Rate is a component of this Service's cost-based rate.

ISSUED DECEMBER 21, 2004
JERRY NORCIA
VICE PRESIDENT

EFFECTIVE FOR SERVICE RENDERED ON AND AFTER NOVEMBER 24, 2004

National Fuel

Building on 100 Years...Delivering Energy

Firm Storage Service (FSS)

National Fuel SUPPLY CORPORATION

For Business

- Unbundled, open access storage is available to all qualified shippers on a firm basis.
- This service requires FST, IT, FT, or EFT transportation.
- Customized injection and withdrawal cycles is available.

apacity may be released to qualified bidders on a prearranged basis or by osting for bidding.

urface operating allowance is charged on injection and withdrawal.

his service is eligible for transfers of storage balance service.

Firm Storage Services (FSS)

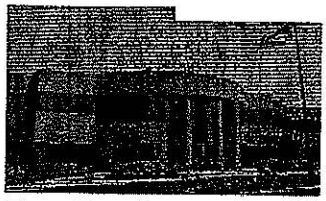
Rates

	Min	Max
Demand	$0.0000	$2.1556
Capacity	$0.0000	$0.0432
Injection	$0.0000	$0.0139
Withdrawal	$0.0000	$0.0139

deliverability

National Fuel

Building on 100 Years...Delivering Energy



For Business

Interruptible Storage Service (ISS)

National Fuel SUPPLY CORPORATION

- This unbundled open access storage service is performed on an interruptible basis when and where capacity is available. It requires EFT, FT or IT transportation.
- This is ideal for market hedging during periods in which excess storage is available (inject lower priced gas, withdraw as prices increase).

FGSC may require withdrawal of gas with 30 days notice.

uel retention on transportation and surface operating allowance is charged on jection and withdrawal.

njection charge, surface operating allowance and fuel retention on transportation discounted on a case by case basis.

his service is eligible for transfers of storage balance service.

Interruptible Storage Service (ISS)

Rates

ISS	Min	Max
Injection	$0.0000	$1.0635

APPENDIX A

[Revised October 15, 2004]

Gas Storage Tariff Rates

Pipeline Company	Max Daily Deliverability	Max Seasonal Capacity	Injection / Withdrawal Commodity Rate	Annual 100% Load Factor (60 storage days)	Working Capacity (Bcf)	Total Capacity (Bcf)	Facility State	Facility Type
ANR	$2.3999	$0.2449	$0.0084	$0.74	181.3	333.5	TX	Depleted Reservoir
BLUE LAKE GAS STORAGE	$1.8027	$0.0258	$0.0990	$0.58	42.0	49.0	MI	Depleted Reservoir
COLUMBIA GAS TRANSMISSION	$1.5080	$0.0290	$0.0153	$0.69	243.1	669.6	WV	Depleted Reservoir
DOMINION	$1.7984	$0.0145	$0.0154	$0.56	382.2	755.8	WV	Depleted Reservoir
MICHIGAN GAS STORAGE	$0.8357	$0.0136	$0.0190	$0.21	34.0	109.5	MI	Depleted Reservoir
MIDWEST GAS STORAGE	$4.5272	$0.0463	$0.0056	$0.96	0.9	4.5	IL	Aquifier
NATIONAL FUEL	$2.1556	$0.0432	$0.0139	$0.47	149.3	317.9	NY	Depleted Reservoir
NATURAL GAS PIPELINE CO	$1.2900	$0.2881	$0.0197	$0.59	205.3	603.3	TX	Depleted Reservoir and Aquifier
NGO TRANSMISSION	$1.6373	$0.0320	$0.0726	$0.36	1.5	5.1	OH	Depleted Reservoir
NORTHERN NATURAL GAS CO	$1.5874	$0.3854	$0.0225	$0.75	55.3	206.0	TX	Depleted Reservoir and Aquifier
PANHANDLE	$2.9700	$0.4246	$0.0385	$0.71	74.0		TX	
QUESTAR	$2.8533	$0.0238	$0.0105	$0.63	53.0	139.5	UT	Aquifier
SOUTHWEST GAS STORAGE	$2.8496	$0.3419	$0.0015	$0.91	57.1	165.5	TX	Depleted Reservoir and Aquifier
TEXAS GAS TRANSMISSION	$1.4318	$0.0304	$0.0166	$0.68	86.2	176.2	KY	Depleted Reservoir and Aquifier
TRANSCO	$2.7208	$0.0152	$0.0322	$0.78	182.7	312.9	TX	Depleted Reservoir and Salt Cavern
TRUNKLINE GAS COMPANY	$3.5985	$0.5767	$0.0005	$0.77	12.9	42.8	TX	Depleted Reservoir
YOUNG GAS STORAGE	$1.5620	$0.0590	$0.0200	$0.41	5.3	9.9	CO	Depleted Reservoir

Sources: Capacity data from Platts GASdat; tariff information from company filings with FERC.

Effective
2004-01-01
Rate C1
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STORAGE AND 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 or to storage.

Applicable Points	(1)	(2)
	Ojibway	WDA
	St. Clair	NDA
	Dawn*	SSMDA
	Parkway	SWDA
	Kirkwall	CDA
	Bluewater	EDA

* includes Dawn (TCPL), Dawn Facilities, Dawn (Tecumseh) and Dawn (Vector)

(B) Services

Storage Service under this rate schedule is:

i) a combined space and deliverability service for storage, OR
ii) firm deliverability, OR
iii) a component of a balancing service offered by Union.

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 (Note I)
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 or lower than the identified rates.

Storage Service:

		Commodity Charge for both gas injected and withdrawn from storage Rate/GJ (Note II)
Short-Term (less than 2 years) and Off Peak		
a)	**Combined Storage Space and Interruptible Deliverability Maximum**	**$ 3.000**
b)	**Firm Deliverability Maximum**	**$ 3.000**
Long-Term (2 years or more)		
a)	**Combined Storage Space and Interruptible Deliverability Maximum**	**$ 3.000**
b)	**Firm Deliverability Maximum**	**$ 3.000**

Notes:

I. In negotiating the rate to be charged for storage services, the matters that are to be considered include:

(C) Rates (Cont'd)

1. The minimum amount of storage service to which a Shipper is willing to commit,
2. Whether the Shipper is contracting for firm or interruptible service during Union's peak or non-peak periods,
3. Utilization of facilities,
4. Competition, and
5. Term.

II. This rate may be applied in any combination of monthly demand charge, injection and/or withdrawal charge, take-or-pay charge and fuel in kind. The resulting revenue divided by the space quantity under contract must yield an average rate that falls within the range.

Transportation Service:

	Monthly Demand Charge applied to daily contract demand Rate/GJ	Commodity Charge Union Providing Fuel Rate/GJ	Commodity Charge Customer Providing Fuel Fuel Ratio (Note II)
a) Firm Transportation Demand:			
Between:			
St. Clair & Dawn	~~$ 1.049~~	**$ 0.036**	**0.431%**
Ojibway & Dawn	~~$ 1.049~~	**$ 0.095**	**1.151%**
Bluewater & Dawn	**$ 1.049**	**$ 0.036**	**0.431%**
From:			
Parkway to Kirkwall	**$ 0.569**	**$ 0.033**	**0.395%**
Parkway to Dawn	**$ 0.569**	**$ 0.033**	**0.395%**
Dawn to Kirkwall with Dawn Compression	~~$ 1.968~~	**$ 0.081**	**0.983%**
Dawn to Parkway with Dawn Compression	~~$ 2.334~~	**$ 0.081**	**0.983%**
b) Firm Transportation Demand From Dawn to Kirkwall and Dawn to Parkway Without LCU Protection			
- Easterly Flow - Kirkwall			
Maximum	**$ 5.602**		
- Easterly Flow - Parkway			
Maximum	**$ 5.602**		
c) Interruptible and Short-Term (1 year or less) Firm Transportation Commodity:			
Maximum		**$ 9.373**	
Dawn (Tecumseh) and Dawn (Facilities or TCPL) and Dawn (Vector)		**$ 0.007**	

(C) Rates (Cont'd)

Notes:

I. In negotiating the rate to be charged for the transportation of gas, the matters that are to be considered include:

(1) The minimum transportation quantities to which a Shipper is willing to commit,
(2) Utilization of facilities,
(3) The direction of flow and time of year,
(4) Competition, and
(5) Term.

II. The rate may be applied in any combination of monthly demand charge, commodity charge, take-or-pay charge and fuel in kind. The resulting revenue divided by the quantity under contract must yield an average rate that falls within the range.

Overrun:

Authorized Overrun

The following Overrun rates are applied to any quantities stored or transported in excess of the Contract parameters. Overrun will be authorized by Union at its sole discretion.

	Commodity Charge Union Provides Fuel Rate/GJ	Interruptible Service Rate/GJ	For Customers Providing Their Own Fuel Commodity Charge Rate/GJ	Fuel Ratio
a) Storage				
Space				
September to November	**$0.937**			
December to August	**$0.094**			
Injection				
Maximum	**$3.000**			
Withdrawal				
Maximum	**$3.000**			
b) Transportation				
Firm				
Between:				
St. Clair & Dawn	**$0.070**		**$0.034**	**0.431%**
Ojibway & Dawn	**$0.129**		**$0.034**	**1.151%**
Bluewater & Dawn	**$0.070**		**$0.034**	**0.431%**
From:				
Parkway to Kirkwall	**$0.051**		**$0.018**	**0.395%**
Parkway to Dawn	**$0.051**		**$0.018**	**0.395%**
Dawn to Kirkwall	**$0.146**		**$0.065**	**0.983%**
Dawn to Parkway	**$0.158**		**$0.077**	**0.983%**
Interruptible and Short-Term (1 year or less)				
Maximum		**$9.373**		
Dawn (Tecumseh), Dawn (Facilities or TCPL) and Dawn (Vector)		**$0.007**		

Authorized overrun for short-term firm transportation and firm transportation without LCU protection is available at negotiated rates.

Unauthorized Overrun:

For all quantities on any day in excess of Shipper's contractual rights, for which authorization has not been received, Shipper will be charged $50 per GJ during the November 1 to April 15 period. For all quantities on any day in excess of Shipper's contractual rights, for which authorization has not been received, Shipper will be charged $9.373 per GJ during the April 16 to October 31 period.

(C) Rates (Cont'd)

Overrun of Maximum Storage Balance

The rate payable shall be $0.937/GJ on the Excess Storage Balance during the period of August 1 through to and including December 15. The rate payable shall be $0.094/GJ on the Excess Storage Balance during the period of December 16 through to and including July 31.

For any Extension Period, the rate payable shall be $0.056/GJ times the quantity in the Excess Storage Balance as of the date of such extension.

Union, during any Extension Period, may upon forty-eight (48) hours verbal notice to Shipper (to be followed in writing) take possession of Shipper's gas in storage (which shall be immediately forfeited to Union without further recourse).

These rates will be charged in addition to the normal injection and withdrawal charges.

Drafted Storage Balance

The rate payable shall be $0.937/GJ on the Drafted Storage Balance during the period of February 1 through to and including April 30.

The rate payable shall be $0.094/GJ on the Drafted Storage Balance during the period of May 1 through to and including January 31.

For any Extension Period, the rate payable shall be $0.056/GJ times the quantity in the Drafted Storage Balance as of the date of such extension.

Union, during any Extension Period, may upon forty-eight (48) hours verbal notice to Shipper (to be followed in writing), replace the outstanding gas at Shipper's expense (which will include all costs related to replacing such gas, plus a charge equal to 25% of the incremental cost of the gas purchased for each unit so replaced).

These rates will be charged in addition to the normal injection and withdrawal charges.

(D) Terms of Service

General Terms & Conditions applicable to this rate schedule shall be in accordance with the attached Schedule A".

Nominations shall be in accordance with the attached Schedule "B".

Effective January 1, 2004
O.E.B. ORDER # RP-2003-0063 Chatham, Ontario

Supersedes EB-2004-0210 Rate Schedule effective April 1, 2004.