

**Price of Gas Delivered to Dawn
Stored at Union (CAN)
Gas, Storage and Transportation**

		2004		2005	
Line No.		Union	Source	Union	Source
1	Converted Cost (Can\$/GJ)				
2	[factor used to convert US\$/Dth to Can\$/GJ]				
3	Price of Gas Delivered to Storage (Source: Enerdata)				
4	Lowest Price	7.98	Page 3, line 15	7.51	Page 3, line 15
5	Highest Price	9.17	Page 3, line 25	7.83	Page 3, line 25
6					
7	[factor used to convert US\$/Dth to Can\$/GJ]				
8	Capacity (1 Month)	0.0260	Appendix, page 1	0.0260	Appendix, page 1
9	Injection in June	0.06	Appendix, page 1	0.06	Appendix, page 1
10	Capacity (7 months)	0.18		0.18	
11	Withdrawal in December	0.06	Appendix, page 1	0.06	Appendix, page 1
12	Deliverability	0.03	Appendix, page 1	0.03	Appendix, page 1
13	Total Storage Charges	0.3277		0.3277	
14	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
15	LOW	\$8.31		\$7.83	
16	HIGH	\$9.50		\$8.16	

**Price of Gas Delivered to Dawn
Stored at Enbridge (CAN)
Gas, Storage and Transportation**

		2004		2005	
Line No.		Enbridge	Source	Enbridge	Source
1	Converted Cost (Can\$/GJ)				
2	[factor used to convert US\$/Dth to Can\$/GJ]				
3	Price of Gas Delivered to Storage (Source: Enerdata)				
4	Lowest Price	7.98	Page 3, line 15	7.51	Page 3, line 15
5	Highest Price	9.17	Page 3, line 25	7.83	Page 3, line 25
6					
7	[factor used to convert US\$/Dth to Can\$/GJ]				
8	Capacity (1 Month)	0.0106	Appendix, page 7	0.0106	Appendix, page 7
9	Injection in June	0.12	Appendix, page 7	0.12	Appendix, page 7
10	Capacity (7 months)	0.07	Appendix, page 7	0.07	Appendix, page 7
11	Withdrawal in December	0.12	Appendix, page 7	0.12	Appendix, page 7
12	Deliverability	0.11	Appendix, page 7	0.11	Appendix, page 7
13	Total Storage Charges	0.4192		0.4192	
14	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
15	LOW	\$8.40		\$7.93	
16	HIGH	\$9.59		\$8.25	

**Price of Gas Delivered to Dawn
Stored at ANR-MI
Gas, Storage and Transportation**

Line No.		2004	Source	2005	Source
		ANR (MI)		ANR (MI)	
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.26	Page 1, line 17	5.93	Page 1, line 17
4	Highest Price	6.66	Page 1, line 30	6.14	Page 1, line 30
5					
6	Capacity (1 Month)	0.0245	Appendix, page 10	0.0245	Appendix, page 10
7	Injection in June	0.0080	Appendix, page 10	0.0080	Appendix, page 10
8	Capacity (7 months)	0.1714		0.1714	
9	Withdrawal in December	0.0080	Appendix, page 10	0.0080	Appendix, page 10
10	Deliverability	0.0789	Appendix, page 10	0.0789	Appendix, page 10
11	Total Storage Charges	0.2664		0.2664	
12					
13	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
14	To St Clair	0.36	BSA T Rates, line 4	0.36	BSA T Rates, line 4
15	Union-St Clair -Dawn				
16	To Kirkwall				
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.36		0.36	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.12		7.01	
24	Highest Price	8.65		7.27	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0318		0.0290	
28	Injection in June	0.0104		0.0095	
29	Capacity (7 months)	0.2225		0.2027	
30	Withdrawal in December	0.0104		0.0095	
31	Deliverability	0.1024		0.0933	
32	Total Storage Charges	0.3458		0.3151	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair	0.47		0.42	
37	Union-St Clair -Dawn	0.03	Appendix, page 17	0.03	Appendix, page 17
38	To Kirkwall				
39	Union-Kirkwall-Dawn				
40	Total transportation cost	0.50		0.46	
41					
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
43	LOW	8.97		7.78	
44	HIGH	9.50		8.04	

**Price of Gas Delivered to Dawn
Stored at Washington 10
Maximum Market-Based Rate
Gas, Storage and Transportation**

		2004		2005	
Line Number		Washington 10 (MI)	Source	Washington 10 (MI)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.26	Page 1, line 17	5.93	Page 1, line 17
4	Highest Price	6.66	Page 1, line 30	6.14	Page 1, line 30
5					
6	Capacity (1 Month)	0.0238	Appendix, page 12	0.0238	Appendix, page 12
7	Injection in June	0.0000	Appendix, page 12	0.0000	Appendix, page 12
8	Capacity (7 months)	0.1666		0.1666	
9	Withdrawal in December	0.0000	Appendix, page 12	0.0000	Appendix, page 12
10	Deliverability	0.0815	Appendix, page 12	0.0815	Appendix, page 12
11	Total Storage Charges	0.2481		0.2481	
12					
13	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
14	To St Clair	0.21	BSA T Rates, line 9	0.21	BSA T Rates, line 9
15	Union-St Clair -Dawn				
16	To Kirkwall				
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.21		0.21	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.12		7.01	
24	Highest Price	8.65		7.27	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0309		0.0281	
28	Injection in June	0.0000		0.0000	
29	Capacity (7 months)	0.2162		0.1970	
30	Withdrawal in December	0.0000		0.0000	
31	Deliverability	0.1058		0.0964	
32	Total Storage Charges	0.3220		0.2934	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair	0.28		0.25	
37	Union-St Clair -Dawn	0.03	Appendix, page 17	0.03	Appendix, page 17
38	To Kirkwall				
39	Union-Kirkwall-Dawn				
40	Total transportation cost	0.31		0.29	
41					
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
43	LOW	8.75		7.59	
44	HIGH	9.28		7.84	

Witness: Ms. Bruce McConihe
Question: July 11, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

**Price of Gas Delivered to Dawn
Stored at Midwest-IN
Gas, Storage and Transportation**

		2004		2005	
Line Number		Midwest (IN)	Source	Midwest (IN)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.35	Page 1, line 41	6.01	Page 1, line 41
4	Highest Price	7.03	Page 2, line 7	6.81	Page 2, line 7
5					
6	Capacity (1 Month)	0.0463	Appendix, page 15	0.0463	Appendix, page 15
7	Injection in June	0.0056	Appendix, page 15	0.0056	Appendix, page 15
8	Capacity (7 months)	0.3241		0.3241	
9	Withdrawal in December	0.0056	Appendix, page 15	0.0056	Appendix, page 15
10	Deliverability	0.1488	Appendix, page 15	0.1488	Appendix, page 15
11	Total Storage Charges	0.4841		0.4841	
12					
13	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
14	To St Clair	0.36	BSA T Rates, line 17	0.36	BSA T Rates, line 17
15	Union-St Clair -Dawn				
16	To Kirkwall				
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.36		0.36	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.24		7.11	
24	Highest Price	9.13		8.05	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0601		0.0548	
28	Injection in June	0.0073		0.0066	
29	Capacity (7 months)	0.4206		0.3833	
30	Withdrawal in December	0.0073		0.0066	
31	Deliverability	0.1932		0.1760	
32	Total Storage Charges	0.6284		0.5725	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair	0.47		0.42	
37	Union-St Clair -Dawn	0.03	Appendix, page 17	0.03	Appendix, page 17
38	To Kirkwall				
39	Union-Kirkwall-Dawn				
40	Total transportation cost	0.50		0.46	
41					
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
43	LOW	9.37		8.14	
44	HIGH	10.25		9.09	

**Price of Gas Delivered to Dawn
Stored at National Fuels
Gas, Storage and Transportation**

	2004		2005	
Line Number	National Fuels (NY)	Source	National Fuels (NY)	Source
1	Original Cost (US\$/Dth)			
2	Price of Gas Delivered to Storage (Source: Enerdata)			
3	Lowest Price	6.90	Page 2, line 48	6.55
4	Highest Price	7.16	Page 2, line 37	6.58
5				
6	Capacity (1 Month)	0.0432	Appendix, page 15	0.0432
7	Injection in June	0.0139	Appendix, page 15	0.0139
8	Capacity (7 months)	0.3024		0.3024
9	Withdrawal in December	0.0139	Appendix, page 15	0.0139
10	Deliverability	0.0709	Appendix, page 15	0.0709
11	Total Storage Charges	0.4011		0.4011
12				
13	Transportation from Storage to St. Clair [Provider--National Fuels			
14	To Kirkwall			
15	Union-St Clair -Dawn			
16	To Kirkwall	0.17	BSA T Rates, line 11	0.17
17	Union-Kirkwall-Dawn			
18	Total Transportation Cost	0.17		0.17
19				
20	Converted Cost (Can\$/GJ)			
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183
22	Price of Gas Delivered to Storage (Source: Enerdata)			
23	Lowest Price	8.95		7.74
24	Highest Price	9.29		7.78
25				
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183
27	Capacity (1 Month)	0.0561		0.0511
28	Injection in June	0.0180		0.0164
29	Capacity (7 months)	0.3925		0.3576
30	Withdrawal in December	0.0180		0.0164
31	Deliverability	0.0920		0.0838
32	Total Storage Charges	0.5205		0.4743
33				
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]			
36	To St Clair			
37	Union-St Clair -Dawn			
38	To Kirkwall	0.22		0.20
39	Union-Kirkwall-Dawn	0.06	Appendix, page 17	0.06
40	Total transportation cost	0.29		0.27
41				
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)			
43	LOW	9.76		8.49
44	HIGH	10.10		8.53

**Price of Gas Delivered to Dawn
Stored at TGT
Gas, Storage and Transportation**

	2004		2005	
Line Number	TGT North Storage (NY & PA)	Source	TGT North Storage (NY & PA)	Source
1	Original Cost (US\$/Dth)			
2	Price of Gas Delivered to Storage (Source: Enerdata)			
3	Lowest Price	6.90 Page 2, line 48	6.55	Page 2, line 48
4	Highest Price	7.16 Page 2, line 37	6.58	Page 2, line 37
5				
6	Capacity (1 Month)	0.0304 Appendix, page 15	0.0304	Appendix, page 15
7	Injection in June	0.0166 Appendix, page 15	0.0166	Appendix, page 15
8	Capacity (7 months)	0.2128	0.2128	
9	Withdrawal in December	0.0166 Appendix, page 15	0.0166	Appendix, page 15
10	Deliverability	0.0471 Appendix, page 15	0.0471	Appendix, page 15
11	Total Storage Charges	0.2931	0.2931	
12				
13	Transportation from Storage to St. Clair [Provider--TGT			
14	To St Clair			
15	Union-St Clair -Dawn			
16	To Kirkwall	0.17 BSA T Rates, line 13	0.17	BSA T Rates, line 13
17	Union-Kirkwall-Dawn			
18	Total Transportation Cost	0.17	0.17	
19				
20	Converted Cost (Can\$/GJ)			
21	Factor used to convert US\$/Dth to Can\$/G	1.298	1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)			
23	Lowest Price	8.95	7.74	
24	Highest Price	9.29	7.78	
25				
26	Factor used to convert US\$/Dth to Can\$/G	1.298	1.183	
27	Capacity (1 Month)	0.0395	0.0360	
28	Injection in June	0.0215	0.0196	
29	Capacity (7 months)	0.2762	0.2517	
30	Withdrawal in December	0.0215	0.0196	
31	Deliverability	0.0611	0.0557	
32	Total Storage Charges	0.3804	0.3466	
33				
34	Factor used to convert US\$/Dth to Can\$/G	1.298	1.183	
35				
36	To St Clair			
37	Union-St Clair -Dawn			
38	To Kirkwall	0.22	0.20	
39	Union-Kirkwall-Dawn	0.06 Appendix, page 17	0.06	Appendix, page 17
40	Total transportation cost	0.29	0.27	
41				
42	Total Cost of Stored Gas to Dawn			
43	LOW	9.62	8.36	
44	HIGH	9.96	8.40	

**Price of Gas Delivered to Dawn
Stored at Dominion-NY-PA
Gas, Storage and Transportation**

		2004		2005	
Line Number		Dominion (NY & PA)	Source	Dominion (NY & PA)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.90	Page 2, line 48	6.55	Page 2, line 48
4	Highest Price	7.16	Page 2, line 37	6.58	Page 2, line 37
5					
6	Capacity (1 Month)	0.0145	Appendix, page 15	0.0145	Appendix, page 15
7	Injection in June	0.0154	Appendix, page 15	0.0154	Appendix, page 15
8	Capacity (7 months)	0.1015		0.1015	
9	Withdrawal in December	0.0154	Appendix, page 15	0.0154	Appendix, page 15
10	Deliverability	0.0591	Appendix, page 15	0.0591	Appendix, page 15
11	Total Storage Charges	0.1914		0.1914	
12					
13	Transportation from Storage to St. Clair [Provider--Dominion-NFG				
14	To St Clair				
15	Union-St Clair -Dawn				
16	To Kirkwall	0.34	BSA T Rates, line 14	0.34	BSA T Rates, line 14
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.34		0.34	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.95		7.74	
24	Highest Price	9.29		7.78	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0188		0.0171	
28	Injection in June	0.0200		0.0182	
29	Capacity (7 months)	0.1317		0.1200	
30	Withdrawal in December	0.0200		0.0182	
31	Deliverability	0.0767		0.0699	
32	Total Storage Charges	0.2484		0.2264	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair				
37	Union-St Clair -Dawn				
38	To Kirkwall	0.44		0.40	
39	Union-Kirkwall-Dawn	0.06	Appendix, page 17	0.06	Appendix, page 17
40	Total transportation cost	0.51		0.47	
41					
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
43	LOW	9.71		8.44	
44	HIGH	10.05		8.48	

**Price of Gas Delivered to Dawn
Stored at CGT-OH, PA-NY
Gas, Storage and Transportation**

Line Number		2004		2005	
		Columbia Gas Transmission (OH, NY & PA)	Source	Columbia Gas Transmission (OH, NY & PA)	Source
1	Original Cost (US\$/Dth)				
	Price of Gas Delivered to Storage (Source: Enerdata)				
2					
3	Lowest Price	6.90	Page 2, line 48	6.55	Page 2, line 48
4	Highest Price	7.16	Page 2, line 37	6.58	Page 2, line 37
5					
6	Capacity (1 Month)	0.0290	Appendix, page 15	0.0290	Appendix, page 15
7	Injection in June	0.0153	Appendix, page 15	0.0153	Appendix, page 15
8	Capacity (7 months)	0.2030		0.2030	
9	Withdrawal in December	0.0153	Appendix, page 15	0.0153	Appendix, page 15
10	Deliverability	0.0496	Appendix, page 15	0.0496	Appendix, page 15
11	Total Storage Charges	0.2832		0.2832	
12					
	Transportation from Storage to St. Clair [Provider--CGT-NFG				
13					
14	To St Clair				
15	Union-St Clair -Dawn				
16	To Kirkwall	0.29	BSA T Rates, line 15	0.29	BSA T Rates, line 15
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.29		0.29	
19					
20	Converted Cost (Can\$/GJ)				
	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
21					
	Price of Gas Delivered to Storage (Source: Enerdata)				
22					
23	Lowest Price	8.95		7.74	
24	Highest Price	9.29		7.78	
25					
	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
26					
27	Capacity (1 Month)	0.0376		0.0343	
28	Injection in June	0.0199		0.0181	
29	Capacity (7 months)	0.2635		0.2401	
30	Withdrawal in December	0.0199		0.0181	
31	Deliverability	0.0643		0.0586	
32	Total Storage Charges	0.3675		0.3349	
33					
	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
34					
	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
35					
36	To St Clair				
37	Union-St Clair -Dawn				
38	To Kirkwall	0.38		0.35	
39	Union-Kirkwall-Dawn	0.06	Appendix, page 17	0.06	Appendix, page 17
40	Total transportation cost	0.45		0.41	
41					
42	Total Cost of Stored Gas to Dawn				
43	LOW	9.77		8.49	
44	HIGH	10.11		8.53	

Witness: Ms. Bruce McConihe
Question: July 11, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

**Price of Gas Delivered to Dawn
Stored at CGT-WV
Gas, Storage and Transportation**

Line Number		2004 Columbia Gas Transmission (WV)	Source	2005 Columbia Gas Transmission (WV)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.90	Page 2, line 48	6.55	Page 2, line 48
4	Highest Price	7.16	Page 2, line 48	6.58	Page 2, line 48
5					
6	Capacity (1 Month)	0.0290	Appendix, page 15	0.0290	Appendix, page 15
7	Injection in June	0.0153	Appendix, page 15	0.0153	Appendix, page 15
8	Capacity (7 months)	0.2030		0.2030	
9	Withdrawal in December	0.0153	Appendix, page 15	0.0153	Appendix, page 15
10	Deliverability	0.0496	Appendix, page 15	0.0496	Appendix, page 15
11	Total Storage Charges	0.2832		0.2832	
12					
13	Transportation from Storage to St. Clair [Provider--CGT				
14	To St Clair				
15	Union-St Clair -Dawn				
16	To Kirkwall	0.29	BSA T Rates, line 15	0.29	BSA T Rates, line 15
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.29		0.29	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.95		7.74	
24	Highest Price	9.29		7.78	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0376		0.0343	
28	Injection in June	0.0199		0.0181	
29	Capacity (7 months)	0.2635		0.2401	
30	Withdrawal in December	0.0199		0.0181	
31	Deliverability	0.0643		0.0586	
32	Total Storage Charges	0.3675		0.3349	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair				
37	Union-St Clair -Dawn				
38	To Kirkwall	0.38	BSA T Rates, line 15	0.35	BSA T Rates, line 15
39	Union-Kirkwall-Dawn	0.06	Appendix, page 17	0.06	Appendix, page 17
40	Total transportation cost	0.45		0.41	
41					
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
43	LOW	9.77		8.49	
44	HIGH	10.11		8.53	

Witness: Ms. Bruce McConihe
Question: July 11, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

**Price of Gas Delivered to Dawn
Stored at Dominion-WV
Gas, Storage and Transportation**

Line Number		2004		2005	
		Dominion (WV)	Source	Dominion (WV)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.90	Page 2, line 48	6.55	Page 2, line 48
4	Highest Price	7.16	Page 2, line 48	6.58	Page 2, line 48
5					
6	Capacity (1 Month)	0.0145	Appendix, page 15	0.0145	Appendix, page 15
7	Injection in June	0.0154	Appendix, page 15	0.0154	Appendix, page 15
8	Capacity (7 months)	0.1015		0.1015	
9	Withdrawal in December	0.0154	Appendix, page 15	0.0154	Appendix, page 15
10	Deliverability	0.0591	Appendix, page 15	0.0591	Appendix, page 15
11	Total Storage Charges	0.1914		0.1914	
12					
13	Transportation from Storage to St. Clair [Provider--Dominion]				
14	To St Clair				
15	Union-St Clair -Dawn				
16	To Kirkwall	0.35	BSA T Rates, line 15	0.35	BSA T Rates, line 15
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.35		0.35	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.95		7.74	
24	Highest Price	9.29		7.78	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0188		0.0171	
28	Injection in June	0.0200		0.0182	
29	Capacity (7 months)	0.1317		0.1200	
30	Withdrawal in December	0.0200		0.0182	
31	Deliverability	0.0767		0.0699	
32	Total Storage Charges	0.2484		0.2264	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR MichCon]				
36	To St Clair	0.00		0.00	
37	Union-St Clair -Dawn	0.03	Appendix, page 17	0.03	Appendix, page 17
38	To Kirkwall				
39	Union-Kirkwall-Dawn				
40	Total transportation cost	0.03		0.03	
41					
42	Total Cost of Stored Gas to Dawn (CAN\$/GJ)				
43	LOW	9.24		8.00	
44	HIGH	9.58		8.04	

**Price of Gas Delivered to Dawn
Stored at NGPL-IL
Gas, Storage and Transportation**

		2004		2005	
Line Number		NGPL (IL)	Source	NGPL (IL)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.35	Page 1, line 41	6.01	Page 1, line 41
4	Highest Price	7.03	Page 2, line 7	6.81	Page 2, line 7
5					
6	Capacity (1 Month)	0.0288	Appendix, page 15	0.0288	Appendix, page 15
7	Injection in June	0.0197	Appendix, page 15	0.0197	Appendix, page 15
8	Capacity (7 months)	0.2017		0.2017	
9	Withdrawal in December	0.0197	Appendix, page 15	0.0197	Appendix, page 15
10	Deliverability	0.0424	Appendix, page 15	0.0424	Appendix, page 15
11	Total Storage Charges	0.2835		0.2835	
12					
13	Transportation from Storage to St. Clair [Provider--NGPL]				
14	To St Clair	0.50	BSA T Rates, line 21	0.50	BSA T Rates, line 21
15	Union-St Clair -Dawn				
16	To Kirkwall				
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.50		0.50	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	8.24		7.11	
24	Highest Price	9.13		8.05	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0374		0.0341	
28	Injection in June	0.0256		0.0233	
29	Capacity (7 months)	0.2617		0.2385	
30	Withdrawal in December	0.0256		0.0233	
31	Deliverability	0.0550		0.0502	
32	Total Storage Charges	0.3679		0.3352	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair	0.65		0.59	
37	Union-St Clair -Dawn	0.03	Appendix, page 17	0.03	Appendix, page 17
38	To Kirkwall				
39	Union-Kirkwall-Dawn				
40	Total transportation cost	0.69		0.63	
41					
42	Total Cost of Stored Gas to Dawn				
43	LOW	9.30		8.07	
44	HIGH	10.18		9.02	

**Price of Gas Delivered to Dawn
Stored at NGPL-IA
Gas, Storage and Transportation**

Line Number		2004		2005	
		NGPL (IA)	Source	NGPL (IA)	Source
1	Original Cost (US\$/Dth)				
2	Price of Gas Delivered to Storage (Source: Enerdata)				
3	Lowest Price	6.15	Page 1, line 8	5.86	Page 1, line 8
4	Highest Price	6.81	Page 1, line 23	6.64	Page 1, line 23
5					
6	Capacity (1 Month)	0.0288	Appendix, page 15	0.0288	Appendix, page 15
7	Injection in June	0.0197	Appendix, page 15	0.0197	Appendix, page 15
8	Capacity (7 months)	0.2017		0.2017	
9	Withdrawal in December	0.0197	Appendix, page 15	0.0197	Appendix, page 15
10	Deliverability	0.0424	Appendix, page 15	0.0424	Appendix, page 15
11	Total Storage Charges	0.2835		0.2835	
12					
13	Transportation from Storage to St. Clair [Provider--NGPL-ANR]				
14	To St Clair	0.50	BSA T Rates, line 21	0.50	BSA T Rates, line 21
15	Union-St Clair -Dawn				
16	To Kirkwall				
17	Union-Kirkwall-Dawn				
18	Total Transportation Cost	0.50		0.50	
19					
20	Converted Cost (Can\$/GJ)				
21	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
22	Price of Gas Delivered to Storage (Source: Enerdata)				
23	Lowest Price	7.98		6.93	
24	Highest Price	8.84		7.85	
25					
26	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
27	Capacity (1 Month)	0.0374		0.0341	
28	Injection in June	0.0256		0.0233	
29	Capacity (7 months)	0.2617		0.2385	
30	Withdrawal in December	0.0256		0.0233	
31	Deliverability	0.0550		0.0502	
32	Total Storage Charges	0.3679		0.3352	
33					
34	[factor used to convert US\$/Dth to Can\$/GJ]	1.298		1.183	
35	Transportation from Storage to St. Clair [Provider--ANR-MichCon]				
36	To St Clair	0.65		0.59	
37	Union-St Clair -Dawn	0.03	Appendix, page 17	0.03	Appendix, page 17
38	To Kirkwall				
39	Union-Kirkwall-Dawn				
40	Total transportation cost	0.69		0.63	
41					
42	Total Cost of Stored Gas to Dawn				
43	LOW	9.03		7.89	
44	HIGH	9.90		8.82	

**Price Comparison Backup for Table 2
Includes Gas, Storage and Transportation**

Price of Gas Stored in Ontario vs. Michigan/NY				
C\$/GJ				
	Dec-04		Dec-05	
Total Cost of Stored Gas in Ontario	Union	Enbridge	Union	Enbridge
Low	\$8.31	\$8.40	\$ 7.83	\$ 7.93
High	\$9.50	\$9.59	\$ 8.16	\$ 8.25
Total Cost of Gas Stored in MI-Delivered To Dawn	ANR	Washington 10	ANR	Washington 10
Low	\$8.97	\$8.75	\$ 7.78	\$ 7.59
High	\$9.50	\$9.28	\$ 8.04	\$ 7.84
Total Cost of Gas Stored in IN-Delivered To Dawn	Midwest-IN		Midwest-IN	
Low	\$9.37		\$8.14	
High	\$10.25		\$9.09	
Total Cost of Gas Stored in NY & PA -Delivered to Dawn	National Fuels	TGT North Storage	National Fuels	TGT North Storage
Low	\$9.76	\$9.62	\$ 8.49	\$ 8.36
High	\$10.10	\$9.96	\$ 8.53	\$ 8.40
	Dominion	CGT-OH, NY, PA	Dominion	CGT-OH, NY, PA
Low	\$9.71	\$9.77	\$ 8.44	\$ 8.49
High	\$10.05	\$10.11	\$ 8.48	\$ 8.53
Total Cost of Gas Stored in WV-Delivered to Dawn	CGT-WV	Dominion-WV	CGT-WV	Dominion-WV
Low	\$9.77	\$9.24	\$ 8.49	\$8.00
High	\$10.11	\$9.58	\$ 8.53	\$8.04
Total Cost of Gas Stored in IL -Delivered to Dawn	NGPL-IL		NGPL-IL	
Low	\$9.30		\$ 8.07	
High	\$10.18		\$ 9.02	
Total Cost of Gas Stored in IA -Delivered to Dawn	NGPL-IA		NGPL-IA	
Low	\$9.03		\$ 7.89	
High	\$9.90		\$ 8.82	

Witness: Ms. Bruce McConihe
Question: July 11, 2006
Answer: July 24, 2006
Docket: EB-2005-0551

Table 2

2004

2005

Differential-Includes Gas, Storage and Transportation	Union	Enbridge		Union	Enbridge
Low					
ANR-MI	7.95%	6.78%		-0.62%	-1.82%
Washington 10-MI	5.37%	4.22%		-3.12%	-4.29%
Midwest-IN	12.80%	11.57%		3.91%	2.66%
National Fuels-NY-PA	17.49%	16.21%		8.32%	7.01%
TGT North Storage-NY-PA	15.80%	14.54%		6.69%	5.40%
Dominion-NY-PA	16.86%	15.59%		7.72%	6.42%
CGT-OH, NY, PA	17.56%	16.27%		8.39%	7.08%
CGT-WV	17.56%	16.27%		8.39%	7.08%
Dominion-WV	11.17%	9.95%		2.18%	0.95%
NGPL-IL	11.90%	10.68%		3.05%	1.80%
NGPL-IA	8.73%	7.55%		0.74%	-0.48%
High					
ANR-Mi	-0.02%	-0.98%		-1.47%	-2.53%
Washington 10-Mi	-2.28%	-3.22%		-3.87%	-4.90%
Midwest-IN	7.97%	6.94%		11.34%	10.15%
National Fuels-NY-PA	6.34%	5.32%		4.47%	3.35%
TGT North Storage-NY-PA	4.86%	3.86%		2.91%	1.80%
Dominion-NY-PA	5.79%	4.78%		3.90%	2.78%
CGT-PA	6.40%	5.38%		4.51%	3.39%
CGT-WV	6.41%	5.40%		4.51%	3.39%
Dominion-WV	0.82%	-0.14%		-1.45%	-2.51%
NGPL-IL	7.18%	6.16%		10.51%	9.32%
NGPL-IA	4.19%	3.20%		8.06%	6.90%

**Price Comparison Backup for Table 2
Includes Gas, Storage and Transportation**

(Assumes Union Market Rate for Storage is \$0.90)

Price of Gas Stored in Ontario vs. Michigan/NY C\$/GJ				
	Dec-04		Dec-05	
Total Cost of Stored Gas in Ontario	Union	Enbridge	Union	Enbridge
Low	\$8.88	\$8.40	\$ 8.41	\$ 7.93
High	\$10.07	\$9.59	\$ 8.73	\$ 8.25
Total Cost of Gas Stored in MI-Delivered To Dawn	ANR	Washington 10	ANR	Washington 10
Low	\$8.97	\$8.75	\$ 7.78	\$ 7.59
High	\$9.50	\$9.28	\$ 8.04	\$ 7.84
Total Cost of Gas Stored in IN-Delivered To Dawn	Midwest-IN		Midwest-IN	
Low	\$9.37		\$8.14	
High	\$10.25		\$9.09	
Total Cost of Gas Stored in NY & PA -Delivered to Dawn	National Fuels	TGT North Storage	National Fuels	TGT North Storage
Low	\$9.76	\$9.62	\$ 8.49	\$ 8.36
High	\$10.10	\$9.96	\$ 8.53	\$ 8.40
	Dominion	CGT-OH, NY, PA	Dominion	CGT-OH, NY, PA
Low	\$9.71	\$9.77	\$ 8.44	\$ 8.49
High	\$10.05	\$10.11	\$ 8.48	\$ 8.53
Total Cost of Gas Stored in WV-Delivered to Dawn	CGT-WV	Dominion-WV	CGT-WV	Dominion-WV
Low	\$9.77	\$9.24	\$ 8.49	\$8.00
High	\$10.11	\$9.58	\$ 8.53	\$8.04
Total Cost of Gas Stored in IL -Delivered to Dawn	NGPL-IL		NGPL-IL	
Low	\$9.30		\$ 8.07	
High	\$10.18		\$ 9.02	
Total Cost of Gas Stored in IA -Delivered to Dawn	NGPL-IA		NGPL-IA	
Low	\$9.03		\$ 7.89	
High	\$9.90		\$ 8.82	

Table 2

2004

2005

Differential-Includes Gas, Storage and Transportation	2004		2005	
	Union	Enbridge	Union	Enbridge
Low				
ANR-MI	0.99%	6.78%	-7.39%	-1.82%
Washington 10-MI	-1.43%	4.22%	-9.72%	-4.29%
Midwest-IN	5.53%	11.57%	-3.16%	2.66%
National Fuels-NY-PA	9.91%	16.21%	0.94%	7.01%
TGT North Storage-NY-PA	8.33%	14.54%	-0.57%	5.40%
Dominion-NY-PA	9.33%	15.59%	0.39%	6.42%
CGT-OH, NY, PA	9.98%	16.27%	1.01%	7.08%
CGT-WV	9.98%	16.27%	1.01%	7.08%
Dominion-WV	4.00%	9.95%	-4.78%	0.95%
NGPL-IL	4.69%	10.68%	-3.97%	1.80%
NGPL-IA	1.73%	7.55%	-6.12%	-0.48%
High				
ANR-Mi	-5.70%	-0.98%	-7.93%	-2.53%
Washington 10-Mi	-7.84%	-3.22%	-10.17%	-4.90%
Midwest-IN	1.83%	6.94%	4.05%	10.15%
National Fuels-NY-PA	0.29%	5.32%	-2.37%	3.35%
TGT North Storage-NY-PA	-1.10%	3.86%	-3.84%	1.80%
Dominion-NY-PA	-0.22%	4.78%	-2.91%	2.78%
CGT-OH, NY, PA	0.35%	5.38%	-2.34%	3.39%
CGT-WV	0.36%	5.40%	-2.34%	3.39%
Dominion-WV	-4.91%	-0.14%	-7.91%	-2.51%
NGPL-IL	1.09%	6.16%	3.27%	9.32%
NGPL-IA	-1.73%	3.20%	0.98%	6.90%

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	<i>Total from Monchy to IA on NB</i>	6.15	5.86
9	<i>Total from Monchy to WI on NB/NN</i>	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	<i>Total Viking to WI</i>	6.12	5.79
14	<i>Total Viking/ANR to WI, MI</i>	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	<i>Total GL to MI</i>	6.26	5.93
18	<i>Total GL/ANR to MI</i>	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	<i>Total to IA, WI from Anadarko</i>	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	<i>Total to MI from ANR</i>	6.47	5.94
30	<i>Total to MI from Panhandle</i>	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	<i>Total from Monchy to IL, IN on NB/NN/ANR</i>	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	<i>Total Viking to IL, IN on VI/ANR</i>	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	<i>Total GL/ANR to IL, IN</i>	6.49	6.15

Delivered Prices From Enerdata Page 2 of 3

		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	<i>Total NN/ANR to IL, IN</i>	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	<i>Total ANR to IL, IN</i>	6.57	6.04
16	<i>Total Panhandle to IL, IN</i>	6.83	6.31
17	<i>Total NGPL to IL, IN</i>	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	<i>Total Trunkline to IL, IN</i>	6.76	6.61
24	<i>Total ANR to IL,IN</i>	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	<i>Total TN/MW to IL, IN</i>	6.76	6.42
30	NGPL	6.28	6.13
31	NGPL to IL	0.28	0.28
32	<i>Total NGPL to IL</i>	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	<i>Total from Niagara Falls to NY</i>	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	<i>Total from Iroquois to NY</i>	7.14	6.61
41	U.S. gas to NY from Southern TX		

Delivered Prices From Enerdata Page 3 of 3

		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	<i>Total from AB to S. ON</i>	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	<i>Total AB to S. Ont., C\$/GJ</i>	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	<i>Total to S. Ont.</i>	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	<i>Total Trunkline to S. ON</i>	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	<i>Total Trunkline to S. ON</i>	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	<i>Total TN in S. LA to S. ON</i>	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	<i>Total ANR to S. ON</i>	8.52	7.16
30	Kern River at Opal	5.68	5.28
31	Kern River Raste to Cal.	0.20	0.20
32	<i>Total Kern River to Cal.</i>	5.88	5.48

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	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	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 11, 2006
Answer: July 24, 2006
Docket: EB-2005-0551