# nationalgrid

**Thomas R. Teehan** Senior Counsel Rhode Island

October 31, 2008

#### VIA HAND DELIVERY AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk Rhode Island Public Utilities Commission 89 Jefferson Boulevard Warwick, RI 02888

#### RE: National Grid - Interim Gas Cost Recovery Filing Supplemental Filing

Dear Ms. Massaro:

Enclosed please find an original and nine (9) copies of National Grid's<sup>1</sup> Interim Gas Cost Recovery ("GCR") filing. This filing consists of the supplemental testimony and attachments of Peter Czekanski and Gary Beland. The proposed rates contained in this GCR filing update the rate filing originally made on September 2, 2008 to reflect the recent reductions of natural gas costs as reflected in the futures listed on the New York Merchantile Exchange (NYMEX). Updating the proposed GCR factors will better align the rates being paid by customers this winter with the actual costs being incurred to meet their energy needs. With the proposed rates and an effective date of December 1, 2008, an average residential heating customer using 860 therms over the 11-month period will experience an decrease of 8% or an average \$11 per month over the currently effective rates.

This filing also contains a Motion for Protective Treatment in accordance with Rule 1.2(g) of the Commission's Rules of Practice and Procedure and R.I.G.L. § 38-2-2(4)(B). The Company seeks protection from public disclosure of certain pricing terms and calculations relative to the Distrigas contract, which contains a confidentiality provision, as well as the portfolio-management fee established in the Merrill Lynch contract, which is also confidential, commercially sensitive, and proprietary. Accordingly, National Grid requests that the Commission protect the price terms and related calculations set forth in Attachment GLB-2. In compliance with Rule 1.2(g), National Grid is providing one complete unredacted copy of the confidential documents in a sealed envelope marked "**Contains Privileged and Confidential Materials** – **Do Not Release.**" To that end, the Company has provided the Commission with the confidential materials for its review, and has included redacted copies of these schedules in the filing and in copies of this filing sent to the Division.

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at (401) 784-7667.

Very truly yours,

Thomas R. Teehan

Enclosures

cc: Paul Roberti, Esq. (w/redacted enc.) Steve Scialabba (w/redacted enc.) Bruce Oliver (w/redacted enc.)

<sup>1</sup> The Narragansett Electric Company, d/b/a National Grid ("National Grid" or the "Company"). 280 Melrose Street, Providence, RI 02907 T: 401-784-7667 F: 401-784-4321 laura.olton@us.ngrid.com

## SUPPLEMENTAL TESTIMONY

OF

## PETER C. CZEKANSKI

October 31, 2008

#### 1 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Peter C. Czekanski. My business address is 280 Melrose Street,
Providence, RI 02907.

#### 4 Q. WHAT IS YOUR POSITION AND RESPONSIBILITIES?

A. I am Manager of Pricing for National Grid Rhode Island – Gas ("National Grid" or the
"Company"). My responsibilities include overseeing the design, implementation and
administration of rates charged by National Grid for natural gas service in Rhode
Island. I also direct the development of the Company's throughput and revenue
forecasts.

#### 10 Q. HAVE YOU PREVIOUSLY SUMITTED TESTIMONY IN THIS DOCKET?

A. Yes. My most recent testimony in support of the Gas Cost Recovery ("GCR") rates
was in the Company's September 2, 2008 GCR filing (the "Initial Filing").

#### 13 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of this testimony is to describe the updated calculation of the proposed GCR charges to be effective with consumption on and after December 1, 2008 for the following services: (1) firm sales service customers in the Residential Non-Heating and Heating rate classes as well as Commercial and Industrial ("C&I") customers in the Small, Medium, Large and Extra Large rate classes; and (2) Gas Marketer Charges and factors associated with transportation services billed to Gas Marketers. My

18

1		testimony will also address the Natural Gas Vehicle ("NGV") rate and update the							
2		previously filed discussion of how tariff changes before the Commission in Docket							
3		No. 3943 would impact the proposed GCR rates.							
4	Q.	DO YOU HAVE ANY ATTACHMENTS INCLUDED WITH YOUR							
5		TESTIMONY?							
6	A.	Yes. I am sponsoring the following Attachments:							
7		Updated PCC-1 Gas Cost Recovery Factors							
8		Updated PCC-3 Projected Gas Cost Balances							
9 10		Updated PCC-4 Bill Impacts Updated PCC-5 NGV Tariff							
10		Updated PCC-6 Marketer Transportation Factors							
12		Updated PCC-7 GCR Rate Case Factors							
13	Q.	WHY IS THE COMPANY UPDATING THE PREVIOUSLY PROPOSED GCR							
14		RATES?							
15	А.	The Company is updating the previously proposed GCR rates in order to reflect the							
16		recent reductions in the energy markets. The Initial Filing made by the Company on							

recent reductions in the energy markets. The Initial Filing made by the Company on

17 September 2, 2008 relied on projections of gas costs based on natural gas futures listed

on the New York Mercantile Exchange ("NYMEX") as of the close of trading on

19 August 18, 2008. As discussed in the testimony of Mr. Beland, gas costs and gas cost

20 projections through October 2009 have dropped since that time. Updating the

- 21 proposed GCR factors will better align the rates being paid by customers this winter
- 22 with the actual costs being incurred to meet their energy needs.

# 1Q.WHY ARE THE UPDATED RATES SCHEDULED TO BE EFFECTIVE2DECEMBER 1, 2008 YET THE INITIAL FILING HAD PROPOSED RATES3EFFECTIVE NOVEMBER 1, 2008?

A. As described above, the Company believes that it is important to establish the correct
price signals for customers and in order to capture the impact of the reduced gas costs,
the Company has proposed delaying for one month the implementation of new GCR
rates. The one-month delay provides the Company with time to update its projected
gas costs and rate calculations and will provide the Commission, the Division and
other parties sufficient time to review the updated filing.

# 10 Q. HOW HAS THE COMPANY ACCOUNTED FOR THE DELAYED 11 IMPLEMENTATON IN THIS UPDATED FILING?

A. The Company's updated rate calculation is based on the proposed rates being effective for an eleven (11) month period and are designed to recover the projected gas costs for the December 2008 through October 2009 period. The impact of the existing GCR rates being in effect for November in conjunction with the updated projection of November gas costs are captured in the deferred gas cost account balance and represent the starting gas cost used in the eleven month GCR rate calculation.

# 18 Q. PLEASE PROVIDE AN OVERVIEW OF THE DEVELOPMENT OF THE 19 UPDATED GCR PROPOSED RATES.

1	А.	The updated GCR proposed rates are developed in the same manner as described in
2		my September 2, 2008 direct testimony starting at page 3. Whereas the previously
3		proposed rates were intended to recover \$301 million of gas costs plus a deferred gas
4		cost balance undercollection of \$1.4 million, the comparable costs included in the
5		updated filing are \$287 million and \$1.9 million representing a reduction of \$13.5
6		million. Updated Attachment PCC-1 provides a summary of the GCR factors by
7		customer rate class on page 1 with the detailed calculations on subsequent pages.

# 8 Q. PLEASE DESCRIBE THE CHANGES INCLUDED IN THE DETAILED 9 CALCULATIONS ON PAGES 2-5 OF UPDATED ATTACHMENT PCC-1.

10 The various cost components on pages 2-5 have been updated to reflect the December A. 11 2008 through October 2009 costs shown on Mr. Beland's Updated Attachments GLB 12 1 and 2. In addition, the reconciliation dollar amounts have been updated to be the 13 projected deferred gas cost account balances as of November 30, 2008. The derivation 14 of those balances is shown on pages 6 and 7 which include November gas costs tied to 15 Mr. Beland's updated costs and revenue collections based on the currently effective 16 GCR rates. A further change is the use of Sales and Throughput volumes based on the 17 11-month period from December 2008 through October 2009. Details of the working 18 capital and inventory financing costs can be found on pages 8 through 11.

# 1Q.HOW DOES THE PROPOSED GCR RATE FOR RESIDENTIAL2CUSTOMERS COMPARE WITH CURRENTLY EFFECTIVE RATES OR3THOSE IN EFFECT LAST WINTER?

A. The Company's proposed GCR rate for residential customers is \$1.0883 per therm.
This compares with a current GCR rate of \$1.2269 per therm and with a rate of \$1.0844 that was in effect last winter.

#### 7 Q. WHAT IS THE BILL IMPACT OF THE PROPOSED CHANGES?

A. A residential heating customer using 860 therms over the 11-month period will
experience a decrease of approximately \$120 (an average \$11 per month), or an 8.3
percent decrease over the currently effective rates. A summary of annual bill impacts
for customers with various levels of usage is provided on Updated Attachment PCC-4.
Please note, in addition to the proposed GCR factors, the bill impact analysis also
incorporates the proposed decrease in DAC factors that was filed on August 1<sup>st</sup> and
updated on October 31st in Docket No. 3977 also for effect December 1, 2008.

#### 15

Q.

#### IS THE COMPANY PROPOSING A CHANGE TO THE NGV RATE?

A. Yes. The commodity charge component of the NGV rates is based on the Supply
Variable Costs identified in the Company's GCR filing. Accordingly, the NGV
commodity charge is being updated to reflect the Supply Variable Costs included in
this filing. A revised NGV tariff is provided as Updated Attachment PCC-5

# Q. WHAT ARE THE VARIOUS GAS MARKETER CHARGES AND FACTORS BEING UPDATED IN THIS GCR FILING?

A. The gas marketer charges and factors covered under the Company's GCR tariff and being updated in this GCR filing are: (1) the FT-2 firm transportation marketer gas charges; (2) Pool Balancing Service charges; and (3) the Company's weighted average pipeline cost and the associated credits/surcharges applied to marketers for pipeline capacity assignments. A summary of the proposed charges that would take effect concurrent with the updating of transportation factors and capacity releases on December 1, 2008 are shown on Updated Attachment PCC-6, page 1.

# 10Q.THE SEPTEMBER 2<sup>ND</sup> FILING INCLUDED A CALCULATION OF GCR11RATES REFLECTING THE CHANGES BEING PROPOSED IN THE12COMPANY'S DOCKET NO. 3943 BASE GAS DISTRIBUTION RATE CASE

## 13 FILING. HAVE YOU UPDATED THOSE CALCULATED RATES?

14 Yes. The calculation of the GCR rates incorporating the factors and proposed changes A. 15 in the base rate case Docket No. 3943 has been updated and can be found in Updated 16 Attachment PCC-7. The impact of the various Docket No. 3943 proposed GCR 17 changes ranges from a decrease of \$0.0235 per therm for a residential non-heating 18 customer to an increase of \$0.0191 per therm for the extra large high load customer. 19 A comparison of the proposed GCR rates under the rate case proposed GCR tariff with 20 the GCR rates proposed in this filing is provided at the bottom of Updated Attachment 21 7, page 1.

## 1 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

2 A. Yes.

Line <u>No.</u>	Description (a)	Reference (b)	Resid & <u>Small C&amp;I</u> (c)	Medium <u>C&amp;I</u> (d)	Large <u>LLF</u> (e)	Large <u>HLF</u> (f)	Extra Large <u>LLF</u> (g)	Extra Large <u>HLF</u> (h)	FT-2 <u>Mkter</u> (i)	NGV
1	Supply Fixed Cost Factor	pg. 2	\$0.7726	\$0.7431	\$0.8314	\$0.5608	\$0.7444	\$0.4715	n/a	
2	Storage Fixed Cost Factor	pg. 3	\$0.3001	\$0.2859	\$0.3220	\$0.2176	\$0.2959	\$0.1839	\$0.2846	
3	Supply Variable Cost Factor	pg. 4	\$8.1571	\$8.1571	\$8.1571	\$8.1571	\$8.1571	\$8.1571	n/a	\$8.1571
4a	Storage Variable Product Cost Factor	pg. 5	\$1.3124	\$1.3124	\$1.3124	\$1.3124	\$1.3124	\$1.3124	n/a	
4b	Storage Variable Non-product Cost Factor	pg. 5	\$0.1127	\$0.1127	\$0.1127	\$0.1127	\$0.1127	\$0.1127	\$0.1127	
5	Total Gas Cost Recovery Charge	(1)+(2)+(3)+(4)	\$10.6549	\$10.6112	\$10.7356	\$10.3606	\$10.6225	\$10.2376	\$0.3973	\$8.1571
6	Uncollectible %	Docket 3401	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%	2.10%
7	Total GCR Charge adjusted for Uncollectibles	(5) / [(1 - (6)]	\$10.8835	\$10.8388	\$10.9659	\$10.5828	\$10.8504	\$10.4572	\$0.4059	\$8.3321
8	GCR Charge on a per therm basis	(7) / 10	\$1.0883	\$1.0839	\$1.0966	\$1.0583	\$1.0850	\$1.0457	\$0.0406	\$0.8332
	Current rate effective 7/15/08		\$1.2269	\$1.2260	\$1.2300	\$1.2039	\$1.2269	\$1.1938	\$0.0501	\$0.9326

Natonal Grid Rhode Island - Gas			Gas Cost Recovery (GCR) Filing Fixed Cost Calculation (\$ per Dth) December 2008 - October 2009					Updated Attachment PCC-1 Docket No. 3982 October 31, 2008 Page No. 2			
Line <u>No.</u>	Description (a)	<u>Reference</u> (b)	Amount (c)	Resid & <u>Small C&amp;I</u> (d)	Medium <u>C&amp;I</u> (e)	Large <u>LLF</u> (f)	Large <u>HLF</u> (g)	Extra Large <u>LLF</u> (h)	Extra Large <u>HLF</u> (i)	Line <u>No.</u>	

	(3)	(8)	(0)	(4)	(0)	(1)	(9)	(1)	(1)	
1	Supply Fixed Costs (net of Cap Rel)	GLB-1	\$21,600,984							1
2 3 4 5 6 7 8	Less: Capacity Release Revenues Interruptible Costs Non-Firm Sales Costs Off-System Sales Margin Refunds Total Credits	GLB-1 sum[(3):(7)]	\$0 \$0 \$0 \$0 \$0 \$0							2 3 4 5 6 7 8
9 10 11 12	Reconciliation Amount	pg 8 pg 6 (10) + (11)	\$93,193 (\$2,232,818) (\$2,139,625)							9 10 11 12
13	Total Supply Fixed Costs	(1) - (8) + (12)	\$19,461,360							13
14	Design Winter Sales Percentage	pg 13		77.93%	14.58%	5.12%	1.28%	0.48%	0.61%	14
15	Allocated Supply Fixed Costs	(13) x (14)		\$15,166,669	\$2,838,262	\$996,426	\$248,959	\$93,204	\$117,840	15
16	Sales (Dt) Dec 2008 - Oct 2009	pg 12	25,468,433	19,631,625	3,819,273	1,198,477	443,935	125,212	249,912	16
17	Supply Fixed Factor	(15) / (16)		\$0.7726	\$0.7431	\$0.8314	\$0.5608	\$0.7444	\$0.4715	17

Natonal Grid		Updated Attachment PCC-1
Rhode Island - Gas	Gas Cost Recovery (GCR) Filing	Docket No. 3982
	Fixed Cost Calculation (\$ per Dth)	October 31, 2008
	December 2008 - October 2009	Page No. 3
		-

Line <u>No.</u>		<u>Reference</u> (b)	<u>Amount</u> (c)	Resid & <u>Small C&amp;I</u> (d)	Medium <u>C&amp;I</u> (e)	Large <u>LLF</u> (f)	Large <u>HLF</u> (g)	Extra Large <u>LLF</u> (h)	Extra Large <u>HLF</u> (i)	Line <u>No.</u>
1	Storage Fixed Costs	GLB-1	\$8,566,385	(0)			(9)	(,	()	1
2 3 4 5 6	Less: LNG Demand to DAC Credits Refunds Total Credits	GLB 2/Dkt 3401	\$411,368 \$0 \$0 \$411,368							2 3 4 5 6
7 8 9 10 11	Plus: Supply Related LNG O&M Costs Working Capital Requirement Reconciliation Amount Total Additions	Docket 3401 pg 8 pg 6 sum [(8):(10)]	\$475,653 \$37,422 (\$865,243) (\$352,168)							7 8 9 10 11
12	Total Storage Fixed Costs	(1) - (6) + (11)	\$7,802,849							12
13	Design Winter Throughput Percentage	pg 13		75.51%	15.81%	6.07%	1.46%	0.52%	0.63%	13
14	Allocated Storage Fixed Costs	(12) x (13)		\$5,892,115	\$1,233,536	\$473,382	\$114,131	\$40,684	\$49,000	14
15	Throughput (Dt) Dec 2008 - Oct 2009	pg 12	26,344,428	19,631,625	4,314,216	1,470,177	524,495	137,508	266,408	15
16	Storage Fixed Factor	(14) / (15)		\$0.3001	\$0.2859	\$0.3220	\$0.2176	\$0.2959	\$0.1839	16

#### Gas Cost Recovery (GCR) Filing Variable Cost Calculation (\$ per Dth) December 2008 - October 2009

Line <u>No.</u>	Description	Reference	<u>Amount</u>	Line <u>No.</u>
1	Variable Supply Costs	GLB 1	\$190,181,397	1
2 3 4 5 6 7 8	Less: Non-Firm Sales Variable Delivery Storage Costs Variable Injection Storage Costs Fuel Costs Allocated to Storage Refunds Total Credits	GLB 2/ PCC 1 p5 GLB 2/ PCC 1 p5 GLB 2/ PCC 1 p5 sum [(3):(7)]	\$0 \$216,629 \$72,665 \$2,210,288 \$0 \$2,499,582	2 3 4 5 6 7 8
9 10 11 12	Plus: Working Capital Reconciliation Amount Total Additions	pg 9 pg 6 (10)+(11)	\$809,719 <u>\$19,257,064</u> \$20,066,782	9 10 11 12
13	Total Variable Supply Costs	(1)-(8)+(12)	\$207,748,597	13
14	Sales (Dt) Dec 2008 - Oct 2009	pg 12	25,468,433	14
15	Supply Variable Cost Factor	(13)/(14)	\$ <u>8.1571</u>	15

#### Gas Cost Recovery (GCR) Filing Variable Cost Calculation (\$ per Dth) December 2008 - October 2009

Line <u>No.</u>	Description	Reference	Amount	Line <u>No.</u>
1	Storage Variable Product Costs	GLB 1	\$38,632,729	1
2 3 4 5	Less: Balancing Related LNG Costs (to DAC) Refunds Total Credits	GLB 2/Dkt 3401 (3)+(4)	\$941,334 \$0 \$941,334	2 3 4 5
6 7 9 10 11 12 13	Plus: Supply Related LNG O&M Working Capital Inventory Financing - LNG (Supply) Inventory Financing - Storage Inventory Financing - LP Reconciliation Amount Total Additions	Docket 3401 pg 9 pg 11 pg 11 pg 11 pg 7 sum[(7):(12)]	\$335,010 \$164,189 \$702,101 \$1,952,855 \$0 (\$7,421,641) (\$4,267,486)	6 7 8 9 10 11 12 13
14	Total Storage Variable Costs	(1)-(5)+(13)	\$33,423,909	14
15	Sales (Dt) Dec 2008 - Oct 2009	pg 12	25,468,433	15
16	Storage Variable Product Cost Factor	(14) / (15)	\$ <u>1.3124</u>	16
17 18 19 20	Storage Variable Non-Product Costs Less: Refunds Total Credits	GLB 1	\$1,884,632 <u>\$0</u> \$0	17 18 19 20
21 22 23 24 25 26 27 28	Plus: Variable Delivery Storage Costs Variable Injection Storage Costs Fuel Costs Allocated to Storage Working Capital Inventory Financing - Storage Reconciliation Amount Total Additions	pg 4 pg 4 pg 4 pg 10 pg 11 pg 7 sum[(22):(27)]	\$216,629 \$72,665 \$2,210,288 \$8,131 \$0 (\$1,423,487) \$1,084,226	21 22 23 24 25 26 27 28
29	Total Storage Variable Costs	(17)-(20)+(28)	\$2,968,858	29
30	Throughput (Dt) Dec 2008 - Oct 2009	pg 12	26,344,428	30
31	Storage Variable Product Cost Factor	(29) / (30)	\$ <u>0.1127</u>	31

#### Gas Cost Recovery (GCR) Filing Gas Cost Account Balances

		Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	
Line		31 actual	31 actual	30 actual	31 forecast	30 forecast	Line
No.							No.
	I. Supply Fixed Cost Deferred						
1	Beginning Balance	(\$7,977,817)	(\$5,887,819)	(\$4,573,887)	(\$3,435,225)	(\$2,367,907)	1
2	Supply Fixed Costs (net of cap rel)	\$2,885,908	\$2,044,179	\$1,767,703	\$2,051,317	\$1,965,255	2
3	Capacity Release	\$0	\$0	\$0	\$0	\$0	3
4	Working Capital	\$12,475	\$8,837	\$7,642	\$8,868	\$8,479	4
5	Total Supply Fixed Costs	\$2,898,383	\$2,053,016	\$1,775,345	\$2,060,185	\$1,973,734	5
6	Supply Fixed - Collections	\$790,743	\$725,773	\$626,821	\$986,434	\$1,833,924	6
7	Prelim. Ending Balance	(\$5,870,177)	(\$4,560,576)	(\$3,425,363)	(\$2,361,475)	(\$2,228,096)	7
8	Month's Average Balance	(\$6,923,997)	(\$5,224,197)	(\$3,999,625)	(\$2,898,350)	(\$2,298,001)	8
9	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	9
10	Interest Applied	(\$17,642)	(\$13,311)	(\$9,862)	(\$6,432)	(\$4,722)	10
11	Asset Management Incentive	\$0	\$0	\$0	\$0	\$0	
12	Supply Fixed Ending Balance	(\$5,887,819)	(\$4,573,887)	(\$3,435,225)	(\$2,367,907)	(\$2,232,818)	12
	II. Storage Fixed Cost Deferred						
13	Beginning Balance	(\$2,909,401)	(\$2,471,911)	(\$1,911,144)	(\$1,427,779)	(\$957,086)	13
14	Storage Fixed Costs	\$743,858	\$850,485	\$752,604	\$858,716	\$771,732	14
15	LNG Demand to DAC	(\$56,282)	(\$56,282)	(\$56,282)	(\$56,282)	(\$32,114)	15
16	Supply Related LNG O & M	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	16
17	Working Capital	\$3,159	\$3,620	\$3,197	\$3,656	\$3,378	17
18	Total Storage Fixed Costs	\$733,977	\$841,064	\$742,760	\$849,331	\$786,236	18
19	TSS Peaking Collections	\$0	\$0	\$0	\$0	\$0	19
20	Storage Fixed - Collections	\$289,639	\$274,721	\$255,284	\$375,994	\$692,523	20
21	Prelim. Ending Balance	(\$2,465,064)	(\$1,905,567)	(\$1,423,668)	(\$954,443)	(\$863,372)	21
22	Month's Average Balance	(\$2,687,233)	(\$2,188,739)	(\$1,667,406)	(\$1,191,111)	(\$910,229)	22
23 24	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	23 24
24 25	Interest Applied	(\$6,847) (\$2,471,011)	(\$5,577) (\$1,011,144)	(\$4,111) (\$1,427,770)	(\$2,643) (\$057,086)	(\$1,870) (\$865-242)	24 25
25	Storage Fixed Ending Balance	(\$2,471,911)	(\$1,911,144)	(\$1,427,779)	(\$957,086)	(\$865,243)	20
200	III. Variable Supply Cost Deferred	Ф <b>7 704 7</b> Г4	¢7 000 740	<b>©0 545 004</b>	<b>©0.005 444</b>	¢44,000,750	20
26	Beginning Balance	\$7,791,754	\$7,280,749	\$8,515,621	\$9,365,411	\$11,883,752	26
27 28	Variable Supply Costs Variable Delivery Storage	\$5,322,469 \$0	\$7,557,368 \$0	\$6,326,879 \$0	\$11,090,877	\$23,209,041	27 28
28 29	Variable Delivery Storage	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$6,918 \$0	28 29
29 30	Fuel Cost Allocated to Storage	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	<del>پ</del> و \$1,772	29 30
31	Working Capital	\$23,008	\$32,669	<del>پ</del> و \$27,350	\$0 \$47,944	\$100,169	31
32	Total Supply Variable Costs	\$5,345,477	\$32,009 \$7,590,038	\$6,354,229	\$11,138,821	\$23,317,899	32
33	Supply Variable - Collections	\$5,871,095	\$6,376,416	\$5,524,729	\$8,644,031	\$15,976,549	33
34	Customer Deferred Responsibility	\$4,565	(\$1,152)	\$1,729	\$0,044,001 \$0	\$0 \$0	34
35	Prelim. Ending Balance	\$7,261,571	\$8,495,523	\$9,343,393	\$11,860,201	\$19,225,102	35
36	Month's Average Balance	\$7,526,663	\$7,888,136	\$8,929,507	\$10,612,806	\$15,554,427	36
37	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	37
38	Interest Applied	\$19,178	\$20,099	\$22,018	\$23,552	\$31,961	38
39	Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	
40	Supply Variable Ending Balance	\$7,280,749	\$8,515,621	\$9,365,411	\$11,883,752	\$19,257,064	40

#### Gas Cost Recovery (GCR) Filing Gas Cost Account Balances

Updated Attachment PCC-1 Docket No. 3982

October 31, 2008 Page No. 7

		Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	
		31	31	30	31	30	
Line		actual	actual	actual	forecast	forecast	Line
No.							<u>No.</u>
	IVa. Storage Variable Product Cost Deferred	/ <b>*</b> - · · ·	/*- · · ·	/ <b>*</b>	/ <b>*</b> · · · · · · · · · · · · · · · · · · ·	( <b>*</b> - · · )	
41	Beginning Balance	(\$2,405,878)	(\$3,192,369)	(\$3,877,973)	(\$4,429,098)	(\$5,415,398)	41
42	Storage Variable Prod. Costs - LNG	\$138,890	\$159,479	\$169,734	\$191,357	\$196,029	42
43	Storage Variable Prod. Costs - LP	\$0	\$0	\$0	\$0	\$0	43
44	Storage Variable Prod. Costs - UG	\$0	\$0	\$0	\$0	\$74,045	44
45	Supply Related LNG to DAC	(\$28,320)	(\$32,518)	(\$34,609)	(\$39,018)	(\$39,970)	45
46	Supply Related LNG O & M	\$30,455	\$30,455	\$30,455	\$30,455	\$30,455	46
47	Inventory Financing - LNG	\$52,996	\$55,942	\$59,387	\$71,533	\$66,529	47
48	Inventory Financing - UG	\$55,239	\$55,239	\$55,239	\$55,239	\$55,130	48
49	Inventory Financing - LP	\$0	\$0	\$0	\$0	\$0	49
50	Working Capital	\$610	\$680	\$716	\$790	\$1,124	50
51	Total Storage Variable Product Costs	\$249,871	\$269,278	\$280,922	\$310,357	\$383,342	51
52	Storage Variable Product Collections	\$1,029,239	\$945,886	\$821,818	\$1,285,745	\$2,376,411	52
53	Prelim. Ending Balance	(\$3,185,246)	(\$3,868,977)	(\$4,418,869)	(\$5,404,486)	(\$7,408,466)	53
54	Month's Average Balance	(\$2,795,562)	(\$3,530,673)	(\$4,148,421)	(\$4,916,792)	(\$6,411,932)	54
55	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	55
56	Interest Applied	(\$7,123)	(\$8,996)	(\$10,229)	(\$10,911)	(\$13,175)	56
57	Storage Variable Product Ending Bal.	(\$3,192,369)	(\$3,877,973)	(\$4,429,098)	(\$5,415,398)	(\$7,421,641)	57
	IVb. Stor Var Non-Prod Cost Deferred						
58	Beginning Balance	(\$988,320)	(\$1,055,840)	(\$1,120,245)	(\$1,180,547)	(\$1,267,083)	58
59	Storage Variable Non-prod. Costs	(¢000,0 <u>1</u> 0) \$0	(¢1,000,010) \$0	(¢ 1,120,210) \$0	(¢ 1,100,011) \$0	\$8,714	59
60	Variable Delivery Storage Costs	\$0	\$0	\$0	\$0	(\$6,918)	60
61	Variable Injection Storage Costs	\$0	\$0	\$0	\$0	\$0	61
62	Fuel Costs Allocated to Storage	\$0	\$0	\$0	\$0	(\$1,772)	62
63	Working Capital	\$0	\$0	\$0	\$0	\$0	63
64	Total Storage Var Non-product Costs	\$0	\$0	\$0	\$0	\$24	64
65	Storage Var Non-Product Collections	\$64,919	\$61,636	\$57,469	\$83,823	\$153,667	65
66	Prelim. Ending Balance	(\$1,053,239)	(\$1,117,476)	(\$1,177,714)	(\$1,264,370)	(\$1,420,725)	66
67	Month's Average Balance	(\$1,020,779)	(\$1,086,658)	(\$1,148,979)	(\$1,222,458)	(\$1,343,904)	67
68	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	68
69	Interest Applied	(\$2,601)	(\$2,769)	(\$2,833)	(\$2,713)	(\$2,761)	69
70	Storage Var Non-Product Ending Bal.	(\$1,055,840)	(\$1,120,245)	(\$1,180,547)	(\$1,267,083)	(\$1,423,487)	70
-		(+ )	(+ , -, -,	(* , , - , )	(* ) - ))	(+ ) - ) - )	-
	GCR Deferred Summary						
71	Beginning Balance	(\$6,489,662)	(\$5,327,190)	(\$2,967,628)	(\$1,107,239)	\$1,876,280	71
72	Gas Costs	\$9,188,455	\$10,707,589	\$9,114,352	\$14,297,435	\$26,348,087	72
73	Working Capital	\$39,253	\$45,807	\$38,905	\$61,258	\$113,149	73
74	Total Costs	\$9,227,708	\$10,753,396	\$9,153,256	\$14,358,693	\$26,461,237	74
75	Collections	\$8,050,200	\$8,383,280	\$7,287,850	\$11,376,027	\$21,033,074	75
76	Prelim. Ending Balance	(\$5,312,155)	(\$2,957,074)	(\$1,102,221)	\$1,875,427	\$7,304,442	76
77	Month's Average Balance	(\$5,900,908)	(\$4,142,132)	(\$2,034,924)	\$384,094	\$4,590,361	77
78	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	78
79	Interest Applied	(\$15,035)	(\$10,554)	(\$5,018)	\$852	\$9,432	79
80	Gas Purchase Plan Incentives/(Penalties)	\$0	\$0	\$0	\$0	\$0	
81	Ending Bal. W/ Interest	(\$5,327,190)	(\$2,967,628)	(\$1,107,239)	\$1,876,280	\$7,313,875	81
		<b>.</b>		<b>•</b> • • • • • • •			
82	Under/(Over)-collection	\$1,177,508	\$2,370,116	\$1,865,406	\$2,982,666	\$5,428,163	82

Gas Cost Recovery (GCR) Filing Working Capital Calculation December 2008 - October 2009

Line <u>No.</u>	Description (a)	Reference (b)	Amount (c)	Line <u>No.</u>
1 2	Supply Fixed Costs (net of Cap Rel) Capacity Release Revenue	GLB 1	\$21,600,984 \$0	1 2
3	Allowable Working Capital Costs	(1) - (2)	\$21,600,984	3
4	Number of Days Lag	Docket 3401	13.40	4
5	Working Capital Requirement	[(3) x (4)] / 365	\$793,022	5
6	Cost of Capital	Docket 3401	9.11%	6
7	Return on Working Capital Requirement	(5) x (6)	\$72,249	7
8	Weighted Cost of Debt	Docket 3401	4.21%	8
9	Interest Expense	(5) x (8)	\$33,351	9
10	Taxable Income	(7) - (9)	\$38,898	10
11	1 - Combined Tax Rate	Docket 3401	0.6500	11
12	Return and Tax Requirement	(10) / (11)	\$59,843	12
13	Supply Fixed Working Capital Requirement	(9) + (12)	\$93,193	13
15	Storage Fixed Costs Less: LNG Demand to DAC Less: Credits	GLB 1	\$8,566,385 (\$411,368) \$0	14 15 16
17	Plus: Supply Related LNG O&M Costs		\$518,894	17
18	Allowable Working Capital Costs	(14)-(15)+(16)+(17)	\$8,673,911	18
19	Number of Days Lag	Docket 3401	13.40	19
20	Working Capital Requirement	[(18) x (19)] / 365	\$318,439	20
21	Cost of Capital	Docket 3401	9.11%	21
22	Return on Working Capital Requirement	(20) x (21)	\$29,012	22
23	Weighted Cost of Debt	Docket 3401	4.21%	23
24	Interest Expense	(20) x (23)	\$13,392	24
25	Tavahla Income		Ф4 <b>Г С</b> 4О	05
25 26	Taxable Income 1 - Combined Tax Rate	(22) - (24) Dockot 3401	\$15,619 0,6500	25 26
26 27	Return and Tax Requirement	Docket 3401 (25) / (26)	0.6500 \$24,030	26 27
21		(20) / (20)	<b>ψ</b> 24,030	21
28	Storage Fixed Working Capital Requirement	(24) + (27)	\$37,422	28

Gas Cost Recovery (GCR) Filing Working Capital Calculation December 2008 - October 2009

Line <u>No.</u>	Description	Reference	Amount	Line <u>No.</u>
<u></u>	(a)	(b)	(C)	<u></u>
1 2	Supply Variable Costs Credits	GLB 1	\$190,181,397 \$2,499,582	1 2
3	Allowable Working Capital Costs	(1) - (2)	\$187,681,815	3
4	Number of Days Lag	Docket 3401	13.40	4
5 6	Working Capital Requirement Cost of Capital	[(3) x (4)] / 365 Docket 3401	\$6,890,237 9.11%	5 6
7	Return on Working Capital Requirement	(5) x (6)	\$627,737	7
8	Weighted Cost of Debt	Docket 3401	<u>4.21%</u> \$289,771	8
9	Interest Expense	(5) x (8)	\$289,771	9
10	Taxable Income	(7) - (9)	\$337,966	10
11	1 - Combined Tax Rate	Rate Case	0.6500	11
12	Return and Tax Requirement	(10) / (11)	\$519,948	12
13	Supply Variable Working Capital Requirement	(9) + (12)	\$809,719	13
14	Storage Variable Product Costs	GLB 1	\$38,632,729	14
15	Less: Balancing Related LNG Commodity (to DAC)	• ·	(\$941,334)	15
16	Plus: Supply Related LNG O&M Costs		\$365,465	16
17	Allowable Working Capital Costs	(14) + (15) + (16)	\$38,056,861	17
18	Number of Days Lag	Docket 3401	13.40	18
19	Working Capital Requirement	[(17) * (18)] / 365	\$1,397,156	19
20	Cost of Capital	Docket 3401	9.11%	20
21	Return on Working Capital Requirement	(19) x (20)	\$127,288	21
22	Weighted Cost of Debt	Docket 3401	4.21%	22
23	Interest Expense	(19) x (22)	\$58,758	23
24	Taxable Income	(21) - (23)	\$68,531	24
25	1 - Combined Tax Rate	Rate Case	0.6500	25
26	Return and Tax Requirement	(24) / (25)	\$105,432	26
27	Storage Var. Product Working Capital Requir.	(23) + (26)	\$164,189	27

Gas Cost Recovery (GCR) Filing Working Capital Calculation December 2008 - October 2009

Line				Line
No.	Description	<u>Reference</u>	<u>Amount</u>	<u>No.</u>
	(a)	(b)	(c)	
1	Storage Variable Non-Product Costs	GLB 1	\$1,884,632	1
2	Credits		\$0	2
3	Allowable Working Capital Costs	(1) - (2)	\$1,884,632	3
4	Number of Days Lag	Docket 3401	13.40	4
5	Working Capital Requirement	[(3) x (4)] / 365	\$69,189	5
6	Cost of Capital	Docket 3401	9.11%	6
7	Return on Working Capital Requirement	(5) x (6)	\$6,304	7
8	Weighted Cost of Debt	Docket 3401	4.21%	8
9	Interest Expense	(5) x (8)	\$2,910	9
10	Taxable Income	(7) - (9)	\$3,394	10
11	1 - Combined Tax Rate	Docket 3401	0.6500	11
12	Return and Tax Requirement	(10) / (11)	\$5,221	12
13	Storage Variable Non-product WC Requir.	(9) + (12)	\$8,131	13

#### Gas Cost Recovery (GCR) Filing Inventory Finance Cost Calculation

Line <u>No.</u>	Description (a)	Reference (b)	<u>Nov-08</u> (c)	<u>Dec-08</u> (d)	<u>Jan-09</u> (e)	<u>Feb-09</u> (f)	<u>Mar-09</u> (g)	<u>Apr-09</u> (h)	<u>May-09</u> (i)	<u>Jun-09</u> (j)	<u>Jul-09</u> (k)	<u>Aug-09</u> (I)	<u>Sep-09</u> (m)	<u>Oct-09</u> (n)	<u>Total</u> (p)	Line <u>No.</u>
1 2 3	Storage Inventory Balance Cost of Capital Return on Working Capital Requirement	GLB 2 pg 16 Docket 3401 (1) x (2)	\$5,629,465 9.11% \$512,874	\$5,629,465 9.11% \$512,874	\$5,629,465 9.11% \$512,874	\$5,629,465 9.11% \$512,874	\$7,078,653 9.11% \$644,903	\$11,349,321 9.11% \$1,033,983	\$15,789,773 9.11% \$1,438,532	\$20,198,932 9.11% \$1,840,229	\$24,707,160 9.11% \$2,250,953	\$28,761,082 9.11% \$2,620,286	\$32,710,102 9.11% \$2,980,063	\$36,299,137 9.11% \$3,307,043	\$18,167,486	1 2 3
4 5	Weighted Cost of Debt Interest Charges Financed	Docket 3401 (1) x (4)	4.21% \$236,749	4.21% \$236,749	4.21% \$236,749	4.21% \$236,749	4.21% \$297,695	4.21% \$477,299	4.21% \$664,043	4.21% \$849,472	4.21% \$1,039,066	4.21% \$1,209,555	4.21% \$1,375,632	4.21% \$1,526,570	\$8,386,326	4 5
6 7 8	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(3) - (5) Docket 3401 (6) / (7)	\$276,125 0.6500 \$424,808	\$276,125 0.6500 \$424,808	\$276,125 0.6500 \$424,808	\$276,125 0.6500 \$424,808	\$347,208 0.6500 \$534,166	\$556,684 0.6500 \$856,437	\$774,488 0.6500 \$1,191,521	\$990,758 0.6500 \$1,524,242	\$1,211,886 0.6500 \$1,864,440	\$1,410,731 0.6500 \$2,170,356	\$1,604,431 0.6500 \$2,468,355	\$1,780,473 0.6500 \$2,739,189	\$15,047,938	6 7 8
9	Working Capital Requirement	(5) + (8)	\$661,557	\$661,557	\$661,557	\$661,557	\$831,861	\$1,333,736	\$1,855,564	\$2,373,714	\$2,903,507	\$3,379,911	\$3,843,987	\$4,265,759	\$23,434,264	9
10	Monthly Average	(9) / 12	\$55,130	\$55,130	\$55,130	\$55,130	\$69,322	\$111,145	\$154,630	\$197,810	\$241,959	\$281,659	\$320,332	\$355,480	\$1,952,855	10
	LNG Inventory Balance Cost of Capital Return on Working Capital Requirement	GLB 2 pg 17 Docket 3401 (11) x (12)	\$8,533,502 9.11% \$777,447	\$8,494,526 9.11% \$773,896	\$7,816,813 9.11% \$712,153	\$6,621,484 9.11% \$603,252	\$6,366,554 9.11% \$580,027	\$6,530,262 9.11% \$594,941	\$6,763,410 9.11% \$616,182	\$6,988,075 9.11% \$636,651	\$7,451,871 9.11% \$678,905	\$7,922,299 9.11% \$721,763	\$8,256,487 9.11% \$752,209	\$8,310,797 9.11% \$757,157	\$8,204,583	11 12 13
14 15	3	Docket 3401 (11) x (14)	4.21% \$358,879	4.21% \$357,240	4.21% \$328,738	4.21% \$278,468	4.21% \$267,747	4.21% \$274,632	4.21% \$284,437	4.21% \$293,885	4.21% \$313,390	4.21% \$333,174	4.21% \$347,229	4.21% \$349,513	\$3,787,333	14 15
17	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(13) - (15) Docket 3401 (16) / (17)	\$418,568 0.6500 \$643,951	\$416,656 0.6500 \$641,010	\$383,415 0.6500 \$589,869	\$324,784 0.6500 \$499,667	\$312,279 0.6500 \$480,430	\$320,309 0.6500 \$492,784	\$331,745 0.6500 \$510,377	\$342,765 0.6500 \$527,331	\$365,514 0.6500 \$562,330	\$388,589 0.6500 \$597,829	\$404,981 0.6500 \$623,047	\$407,645 0.6500 \$627,146	\$6,795,770	16 17 18
19	Working Capital Requirement	(15) + (18)	\$1,002,830	\$998,250	\$918,607	\$778,136	\$748,177	\$767,416	\$794,814	\$821,216	\$875,720	\$931,003	\$970,276	\$976,658	\$10,583,103	19
20	Monthly Average	(19) / 12	\$83,569	\$83,187	\$76,551	\$64,845	\$62,348	\$63,951	\$66,235	\$68,435	\$72,977	\$77,584	\$80,856	\$81,388	\$881,925	20
21	System Balancing Factor	Docket 3401	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%		21
22	Balancing Related Inventory Costs	(20) x (21)	\$17,040	\$16,962	\$15,609	\$13,222	\$12,713	\$13,040	\$13,505	\$13,954	\$14,880	\$15,819	\$16,487	\$16,595	\$179,825	22
23	Supply Related Inventory Costs	(21) - (22)	\$66,529	\$66,226	\$60,942	\$51,623	\$49,635	\$50,912	\$52,729	\$54,481	\$58,097	\$61,764	\$64,370	\$64,793	\$702,101	23

Line														Line
No.		Dec-08	<u>Jan-09</u>	Feb-09	<u>Mar-09</u>	<u>Apr-09</u>	<u>May-09</u>	<u>Jun-09</u>	<u>Jul-09</u>	<u>Aug-09</u>	Sep-09	<u>Oct-09</u>	Total Dec-Oct	No.
	(a)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(o)	
1	SALES (dth)													1
2	Residential Non-Heating	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332	2
3	Residential Heating	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407	3
4	Small C&I	282,121	396,526	444.457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886	4
5	Medium C&I	472,365	619,681	671,008	618,530	460,648	279,414	185,397	122,539	111,145	127,788	150,757	3,819,273	5
6	Large LLF	169,793	209,138	232,216	215,097	140,996	84,686	38,956	25,178	18,855	23,437	40,125	1,198,477	6
7	Large HLF	48,942	54,171	50,012	52,677	48,279	38,190	35,790	28,262	22,706	32,740	32,166	443,935	7
8	Extra Large LLF	22,393	24,636	22,118	21,583	11,875	8,039	3,071	1,219	1,803	2,303	6,172	125,212	8
9	Extra Large HLF	23,490	23,745	28,677	25,765	26,264	23,255	18,702	18,472	23,167	17,762	20,614	249,912	9
10	Total Sales	3,237,563	4,307,201	4,579,592	4,201,508	3,173,214	1,830,600	1,142,202	753,365	633,220	734,503	875,466	25,468,433	10
11	FT-2 TRANSPORTATION FT-2 Medium	55,521	77,418	75,928	74.002	58,092	40.443	29.827	21.960	18.443	21,389	21.920	494,943	11 12
12		34,439	54,435	75,928 52,059	44,823	32,688	20,161	29,027 12,984	3,728	3,424	21,309 4,444	8,515	271,700	12
	FT-2 Large HLF	8,926	10,155	8,445	10,479	8,460	7,213	6,145	4,855	3,424 4,340	4,444 6,129	5,414	80,560	13
14	FT-2 Extra Large LLF	2,607	3,722	2,667	1,456	753	90	24	4,655	4,340	0,129	957	12,296	14
16	FT-2 Extra Large HLF	2,322	1,648	2,218	2,038	1,910	1,393	993	893	811	934	1,336	16,496	16
	Total Transportation	103,814	147,377	141,316	132,799	101,904	69,299	49,972	31,443	27,024	32,903	38,143	875,995	17
		100,011	,	,010	.02,700		00,200	10,012	01,110	21,021	02,000	00,110	0,000	
18	Sales & FT-2 THROUGHP	TUT												18
19	Residential Non-Heating	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332	19
20	Residential Heating	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407	20
21	Small C&I	282,121	396,526	444,457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886	21
22	Medium C&I	527,886	697,099	746,935	692,533	518,741	319,856	215,223	144,500	129,588	149,177	172,678	4,314,216	22
23	Large LLF	204,231	263,573	284,275	259,921	173,684	104,847	51,940	28,906	22,279	27,881	48,641	1,470,177	23 24
24	Large HLF Extra Large LLF	57,868 25,000	64,326 28,358	58,457 24,785	63,156 23,039	56,738 12,629	45,402 8,129	41,935 3,095	33,117 1,226	27,045	38,869 2,309	37,580 7,129	524,495 137,508	24 25
25 26	Extra Large HLF	25,000	26,356	24,785 30,895	23,039	28,174	24,648	19,695	19,364	1,810 23,978	2,309	21,950	266,408	25 26
20	· · -	3,341,377	4,454,578	4,720,908	4,334,306	3,275,117	1,899,899	1,192,174	784,808	660,245	767,406	913,609	26.344.428	20
21	rotar moughput	3,341,377	4,404,070	4,720,300	4,004,000	5,275,117	1,000,000	1,132,174	704,000	000,240	101,400	515,005	20,044,420	21
28	FT-1 TRANSPORTATION													28
29	FT-1 Medium	103,742	91,696	100,390	83,737	55,538	32,113	28,661	21,618	21,065	26,819	31,520	596,899	29
30	FT-1 Large LLF	169,977	184,530	172,315	164,311	99,864	43,799	27,007	18,071	17,338	24,053	46,119	967,385	30
31	FT-1 Large HLF	45,360	43,504	46,133	49,882	39,937	36,236	38,929	29,900	30,746	33,276	26,727	420,630	31
32	FT-1 Extra Large LLF	139,238	170,985	169,585	154,078	100,128	56,768	32,333	28,528	29,989	31,050	55,225	967,909	32
33	FT-1 Extra Large HLF	410,726	449,955	431,337	442,530	405,570	360,300	338,079	346,006	357,328	369,273	367,053	4,278,157	33
34	Total Transportation	869,044	940,670	919,760	894,538	701,037	529,217	465,009	444,124	456,466	484,472	526,644	7,230,979	34
35	Total THROUGHPUT													35
36	Residential Non-Heating	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332	36
37	Residential Heating	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407	37
38	Small C&I	282,121	396,526	444,457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886	38
39	Medium C&I	631,629	788,795	847,326	776,269	574,278	351,970	243,885	166,117	150,652	175,996	204,197	4,911,114	39
40	Large LLF	374,209	448,103	456,590	424,232	273,548	148,646	78,946	46,977	39,617	51,935	94,760	2,437,562	40
41	Large HLF	103,228	107,830	104,590	113,038	96,675	81,639	80,864	63,018	57,791	72,145	64,307	945,124	41
42	Extra Large LLF	164,238	199,344	194,370	177,116	112,756	64,897	35,429	29,754	31,799	33,359	62,354	1,105,416	42
43	Extra Large HLF	436,538	475,348	462,232	470,334	433,744	384,949	357,774	365,370	381,306	387,969	389,003	4,544,565	43
44	Total Throughput	4,210,421	5,395,248	5,640,668	5,228,844	3,976,154	2,429,116	1,657,183	1,228,932	1,116,710	1,251,878	1,440,252	33,575,407	44

Gas Cost Recovery (GCR) Filing Forecasted Throughput (Dth) [December 2008 - October 2009]

#### Gas Cost Recovery (GCR) Filing Design Winter Period Throughput (Dth)

Line <u>No.</u>	<u>Rate Class</u> (a)	<u>Nov-08</u> (b)	<u>Dec-08</u> (c)	<u>Jan-09</u> (d)	<u>Feb-09</u> (e)	<u>Mar-09</u> (f)	<u>Total</u> (h)	<u>%</u> (i)	Line <u>No.</u>
1	SALES (dth)								1
2	Residential Non-Heating	46,372	58,250	72,994	64,276	64,050	305,942	1.49%	2
3	Residential Heating	1,142,336	2,289,716	3,594,591	3,453,404	3,354,765	13,834,811	67.20%	3
4	Small C&I	131,132	299,292	491,413	501,383	481,389	1,904,609	9.25%	4
5	Medium C&I	268,394	497,928	754,608	750,283	731,485	3,002,699	14.58%	5
6	Large LLF	91,605	180,660	259,794	262,663	259,434	1,054,154	5.12%	6
7	Large HLF	39,231	50,456	61,414	53,524	58,758	263,383	1.28%	7
8	Extra Large LLF	7,874	22,393	24,636	22,118	21,583	98,603	0.48%	8
9	Extra Large HLF	22,991	23,490	23,745	28,677	25,765	124,667	0.61%	9
10	Total Sales	1,749,934	3,422,185	5,283,194	5,136,327	4,997,229	20,588,869	100.00%	10
11	TRANSPORTATION								11
12	FT-2 Medium	35,318	57,993	92,782	84,077	86,285	356,455		12
13	FT-2 Large LLF	16,003	36,780	68,621	59,070	54,482	234,957		13
14	FT-2 Large HLF	6,453	9,146	11,301	8,910	11,607	47,417		14
15	FT-2 Extra Large LLF	1,735	2,607	3,722	2,667	1,456	12,187		15
16	FT-2 Extra Large HLF	544	2,322	1,648	2,218	2,038	8,770		16
17	Total Transportation	60,053	108,848	178,075	156,942	155,868	659,786		17
18	Sales & FT-2 THROUGHF	<u>דטי</u>							18
19	Residential Non-Heating	46,372	58,250	72,994	64,276	64,050	305,942	1.44%	19
20	Residential Heating	1,142,336	2,289,716	3,594,591	3,453,404	3,354,765	13,834,811	65.11%	20
21	Small C&I	131,132	299,292	491,413	501,383	481,389	1,904,609	8.96%	21
22	Medium C&I	303,712	555,922	847,390	834,360	817,770	3,359,154	15.81%	22
23	Large LLF	107,608	217,440	328,414	321,733	313,916	1,289,111	6.07%	23
24	Large HLF	45,684	59,601	72,716	62,434	70,365	310,800	1.46%	24
25	Extra Large LLF	9,609	25,000	28,358	24,785	23,039	110,790	0.52%	25
26	Extra Large HLF	23,535	25,812	25,393	30,895	27,803	133,438	0.63%	26
27	Total Throughput	1,809,987	3,531,033	5,461,269	5,293,269	5,153,097	21,248,655	100.00%	27

#### Gas Cost Recovery (GCR) Filing Projected Gas Cost Balances

	Nov-08 30	Dec-08 31	Jan-09 31	Feb-09 28	Mar-09 31	Apr-09 30	May-09 31	Jun-09 30	Jul-09 31	Aug-09 31	Sep-09 30	Oct-09 31	Nov - Oct 365
	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	forecast	305
I. Supply Fixed Cost Deferred													
Beginning Balance	(\$2,367,907)	(\$2,232,818)	(\$2,742,527)	(\$4,077,891)	(\$5,625,851)	(\$6,883,461)	(\$7,349,419)	(\$6,781,519)	(\$5,681,781)	(\$4,280,045)	(\$2,781,114)	(\$1,356,567)	
Supply Fixed Costs (net of cap rel)	\$1,965,255	\$1,966,404	\$1,965,830	\$1,965,059	\$1,968,127	\$1,968,019	\$1,970,127	\$1,970,019	\$1,972,127	\$1,973,127	\$1,973,019	\$1,975,127	\$23,632,240
Capacity Release	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Working Capital	<u>\$8,479</u>	<u>\$8,484</u>	<u>\$8,481</u>	<u>\$8,478</u>	<u>\$8,491</u>	<u>\$8,491</u>	<u>\$8,500</u>	<u>\$8,499</u>	\$8,508	<u>\$8,513</u>	<u>\$8,512</u>	\$8,521	\$101,957
Total Supply Fixed Costs	\$1,973,734	\$1,974,888	\$1,974,311	\$1,973,537	\$1,976,618	\$1,976,509	\$1,978,627	\$1,978,518	\$1,980,635	\$1,981,640	\$1,981,531	\$1,983,648	\$23,734,197
Supply Fixed - Collections	\$1,833,924	\$2,479,320	\$3,302,442	\$3,512,201	\$3,220,962	\$2,427,859	\$1,395,741	\$865,988	\$568,335	\$475,220	\$552,738	\$661,104	\$21,295,834
Prelim. Ending Balance	(\$2,228,096)	(\$2,737,251)	(\$4,070,658)	(\$5,616,555)	(\$6,870,195)	(\$7,334,811)	(\$6,766,533)	(\$5,668,989)	(\$4,269,480)	(\$2,773,625)	(\$1,352,321)	(\$34,023)	
Month's Average Balance	(\$2,298,001)	(\$2,485,034)	(\$3,406,592)	(\$4,847,223)	(\$6,248,023)	(\$7,109,136)	(\$7,057,976)	(\$6,225,254)	(\$4,975,630)	(\$3,526,835)	(\$2,066,717)	(\$695,295)	
Interest Rate (BOA Prime minus 200 bps)	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	
Interest Applied	(\$4,722)	(\$5,276)	(\$7,233)	(\$9,296)	(\$13,266)	(\$14,608)	(\$14,986)	(\$12,792)	(\$10,565)	(\$7,488)	(\$4,247)	(\$1,476)	(\$105,956)
Asset Management Incentive	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supply Fixed Ending Balance	(\$2,232,818)	(\$2,742,527)	(\$4,077,891)	(\$5,625,851)	(\$6,883,461)	(\$7,349,419)	(\$6,781,519)	(\$5,681,781)	(\$4,280,045)	(\$2,781,114)	(\$1,356,567)	(\$35,499)	
II. Storage Fixed Cost Deferred													
	(0057,000)	(0005 040)	(\$000.047)	(\$4.450.740)	(\$0.000.440)	(\$0,500,400)	(\$0,700,450)	(00 500 700)	(00.400.004)	(\$4.044.470)		(1000000)	
Beginning Balance	(\$957,086)	(\$865,243)	(\$996,317)	(\$1,459,719)	(\$2,003,412)	(\$2,509,130)	(\$2,722,452)	(\$2,533,732)	(\$2,133,221)	(\$1,611,172)	(\$1,050,596)	(\$520,539)	¢0 000 447
Storage Fixed Costs	\$771,732	\$866,732	\$866,732	\$866,732	\$771,732	\$748,393	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$741,011	\$9,338,117
LNG Demand to DAC	(\$32,114)	(\$51,485)	(\$51,485)	(\$51,485)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$443,483)
Supply Related LNG O & M	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$518,894
Working Capital	<u>\$3,378</u>	<u>\$3,704</u>	<u>\$3,704</u>	<u>\$3,704</u>	<u>\$3,378</u>	<u>\$3,277</u>	<u>\$3,245</u>	<u>\$3,245</u>	<u>\$3,245</u>	\$3,245	\$3,245	<u>\$3,245</u>	<u>\$40,613</u>
Total Storage Fixed Costs	\$786,236	\$862,192	\$862,192	\$862,192	\$786,236	\$762,797	\$755,383	\$755,383	\$755,383	\$755,383	\$755,383	\$755,383	\$9,454,141
TSS Peaking Collections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	<b>AA</b> 100 <b>TA</b>
Storage Fixed - Collections	\$692,523	\$991,292	\$1,322,990	\$1,402,567	\$1,287,169	\$970,749	\$561,089	\$350,081	\$229,363	\$191,983	\$223,713	\$267,247	\$8,490,766
Prelim. Ending Balance	(\$863,372)	(\$994,343)	(\$1,457,115)	(\$2,000,094)	(\$2,504,344)	(\$2,717,082)	(\$2,528,158)	(\$2,128,431)	(\$1,607,201)	(\$1,047,773)	(\$518,926)	(\$32,403)	
Month's Average Balance	(\$910,229)	(\$929,793)	(\$1,226,716)	(\$1,729,907)	(\$2,253,878)	(\$2,613,106)	(\$2,625,305)	(\$2,331,082)	(\$1,870,211)	(\$1,329,472)	(\$784,761)	(\$276,471)	
Interest Rate (BOA Prime minus 200 bps)	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	
Interest Applied	(\$1,870)	(\$1,974)	(\$2,605)	(\$3,318)	(\$4,786)	(\$5,369)	(\$5,574)	(\$4,790)	(\$3,971)	(\$2,823)	(\$1,613)	(\$587)	(\$39,279)
Storage Fixed Ending Balance	(\$865,243)	(\$996,317)	(\$1,459,719)	(\$2,003,412)	(\$2,509,130)	(\$2,722,452)	(\$2,533,732)	(\$2,133,221)	(\$1,611,172)	(\$1,050,596)	(\$520,539)	(\$32,990)	
III. Variable Supply Cost Deferred													
Beginning Balance	\$11,883,752	\$19,257,064	\$27,022,265	\$29,723,175	\$24,094,055	\$18,942,501	\$9,881,479	\$4,123,701	\$817,194	(\$23,919)	\$432,200	\$575,161	
Variable Supply Costs	\$23,209,041	\$33,605,631	\$36,973,492	\$30,945,041	\$28,673,231	\$16,626,277	\$9,026,008	\$5,886,015	\$5,188,219	\$5,512,945	\$6,024,822	\$11,719,715	\$213,390,438
Variable Delivery Storage	\$6,918	\$50,899	\$73,843	\$62,387	\$28,311	\$1,189	\$0	\$0	\$0	\$0	\$0	\$0	\$223,546
Variable Injections Storage	\$0	\$0	\$0	\$0	\$0	\$11,100	\$11,260	\$11,057	\$10,712	\$9,924	\$9,781	\$8,830	\$72,665
Fuel Cost Allocated to Storage	\$1,772	\$322,123	\$565,389	\$532,011	\$248,480	\$82,910	\$83,138	\$82,607	\$81,610	\$73,912	\$72,391	\$65,717	\$2,212,060
Working Capital	<u>\$100,169</u>	\$146,595	<u>\$162,273</u>	\$136,071	<u>\$124,900</u>	<u>\$72,142</u>	\$39,348	<u>\$25,798</u>	<u>\$22,782</u>	<u>\$24,146</u>	<u>\$26,347</u>	\$50,884	\$931,455
Total Supply Variable Costs	\$23,317,899	\$34,125,248	\$37,774,998	\$31,675,509	\$29,074,922	\$16,793,618	\$9,159,755	\$6,005,478	\$5,303,323	\$5,620,928	\$6,133,341	\$11,845,146	\$216,830,165
Supply Variable - Collections	\$15,976,549	\$26,409,126	\$35,134,267	\$37,356,186	\$34,272,117	\$25,884,223	\$14,932,386	\$9,317,056	\$6,145,277	\$5,165,242	\$5,991,414	\$7,141,263	\$223,725,106
Deferred Responsibility	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Prelim. Ending Balance	\$19,225,102	\$26,973,185	\$29,662,996	\$24,042,499	\$18,896,860	\$9,851,896	\$4,108,848	\$812,123	(\$24,760)	\$431,767	\$574,127	\$5,279,044	
Month's Average Balance	\$15,554,427	\$23,115,124	\$28,342,631	\$26,882,837	\$21,495,457	\$14,397,198	\$6,995,164	\$2,467,912	\$396,217	\$203,924	\$503,164	\$2,927,103	
Interest Rate (BOA Prime minus 200 bps)	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	
Interest Applied	\$31,961	\$49,080	\$60,180	\$51,556	\$45,641	\$29,583	\$14,853	\$5,071	\$841	\$433	\$1,034	\$6,215	\$296,448
Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supply Variable Ending Balance	\$19,257,064	\$27,022,265	\$29,723,175	\$24,094,055	\$18,942,501	\$9,881,479	\$4,123,701	\$817,194	(\$23,919)	\$432,200	\$575,161	\$5,285,259	

#### Gas Cost Recovery (GCR) Filing Projected Gas Cost Balances

	Nov-08 30 forecast	Dec-08 31 forecast	Jan-09 31 forecast	Feb-09 28 forecast	Mar-09 31 forecast	Apr-09 30 forecast	May-09 31 forecast	Jun-09 30 forecast	Jul-09 31 forecast	Aug-09 31 forecast	Sep-09 30 forecast	Oct-09 31 forecast	Nov - Oct 365
IVa. Storage Variable Product Cost Deferred Beginning Balance Storage Variable Prod. Costs - LNG Storage Variable Prod. Costs - LP Storage Variable Prod. Costs - UG Supply Related LNG to DAC Supply Related LNG 0 & M Inventory Financing - LNG Inventory Financing - LNG Inventory Financing - LP Working Capital Total Storage Variable Product Costs Storage Variable Product Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied	(\$5,415,398) \$196,029 \$0 \$74,045 \$66,529 \$55,130 \$1,124 \$383,342 \$2,376,411 (\$7,408,466) (\$6,411,932) 2.50% (\$13,175)	(\$7,421,641) \$358,851 \$0 \$6,631,232 (\$73,170) \$30,455 \$66,226 \$55,130 \$0 <u>\$29,973</u> \$7,098,697 \$4,248,978 (\$4,571,923) (\$5,996,782) 2.50% (\$12,733)	(\$4,584,655) \$1,112,712 \$0 \$11,478,847 (\$226,882) \$30,455 \$60,942 \$55,130 \$0 \$55,130 \$0 \$55,452,770 \$2,5652,770 \$2,327,256 (\$1,128,700) 2.50% (\$2,397)	\$2,324,859 \$1,517,738 \$0 \$10,770,664 (\$309,467) \$30,455 \$51,623 \$55,130 \$55,130 \$55,130 \$51,812 \$12,167,956 \$6,010,256 \$8,482,559 \$5,403,709 2.50% \$10,363	\$8,492,922 \$254,929 \$0 \$5,135,342 (\$51,980) \$30,455 \$49,635 \$69,322 \$0 <u>\$23,162</u> \$5,510,866 \$5,514,059 \$8,489,729 \$8,491,326 2.50% \$18,030	\$8,507,759 \$196,772 \$0 \$0 (\$40,122) \$30,455 \$50,912 \$111,145 \$0 <u>\$807</u> \$349,969 \$4,164,526 \$4,693,202 \$6,600,480 2.50% \$13,563	\$4,706,765 \$201,339 \$0 (\$41,053) \$30,455 \$52,729 \$154,630 \$0 <u>\$823</u> \$398,924 \$2,402,479 \$2,703,209 \$3,704,987 2.50% \$7,867	\$2,711,076 \$192,821 \$0 \$39,316 \$30,455 \$54,481 \$197,810 \$0 <u>\$794</u> \$437,044 \$1,499,026 \$1,649,094 \$2,180,085 2.50% \$4,480	\$1,653,574 \$197,620 \$0 (\$40,295) \$30,455 \$58,097 \$241,959 \$0 <u>\$810</u> \$488,646 \$988,717 \$1,153,503 \$1,403,538 2,50% \$2,980	\$1,156,483 \$197,104 \$0 \$0 (\$40,190) \$30,455 \$61,764 \$281,659 \$0 <u>\$808</u> \$531,602 \$831,038 \$857,047 \$1,006,765 2,50% \$2,138	\$859,185 \$190,467 \$0 (\$38,836) \$30,455 \$64,370 \$320,332 \$0 <u>\$786</u> \$567,574 \$963,962 \$462,797 \$660,991 2.50% \$1,358	\$464,155 \$196,291 \$0 (\$40,024) \$30,455 \$64,793 \$355,480 \$00 <u>\$806</u> \$607,801 \$1,148,961 (\$77,005) \$193,575 2.50% \$411	\$4,812,672 \$0 \$34,090,131 (\$981,304) \$365,465 \$702,101 \$1,952,855 \$0 <u>\$165,182</u> \$41,107,103 \$35,801,183
Storage Variable Product Ending Bal.	(\$7,421,641)	(\$4,584,655)	\$2,324,859	\$8,492,922	\$8,507,759	\$4,706,765	\$2,711,076	\$1,653,574	\$1,156,483	\$859,185	\$464,155	(\$76,594)	\$0 <u>2</u> ,001
IVb. Stor Var Non-Prod Cost Deferred Beginning Balance Storage Variable Non-prod. Costs Variable Delivery Storage Costs Variable Injection Storage Costs Fuel Costs Allocated to Storage Working Capital Total Storage Var Non-product Costs Storage Var Non-Product Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied Storage Var Non-Product Ending Bal.	(\$1,267,083) \$8,714 (\$6,918) \$0 (\$1,772) <u>\$0</u> \$24 \$153,667 (\$1,420,725) (\$1,343,904) 2.50% (\$2,761) (\$1,423,487)	(\$1,423,487) \$300,429 (\$50,899) \$0 (\$322,123) (\$322,123) (\$313) (\$72,905) \$373,687 (\$1,870,079) (\$1,646,783) 2.50% (\$3,497) (\$1,873,576)	(\$1,873,576) \$594,288 (\$73,843) \$0 (\$565,389) (\$194) (\$45,139) \$497,934 (\$2,416,649) (\$2,145,112) 2.50% (\$4,555) (\$2,421,203)	(\$2,421,203) \$477,455 (\$62,387) \$0 (\$532,011) (\$532,011) (\$117,447) \$528,118 (\$3,066,769) (\$2,743,986) 2.50% (\$5,262) (\$3,072,031)	(\$3,072,031) \$131,279 (\$28,311) \$0 (\$248,480) (\$248,480) (\$146,140) \$484,785 (\$3,702,956) (\$3,387,494) 2.50% (\$7,193) (\$3,710,149)	(\$3,710,149) \$41,262 (\$1,189) (\$11,100) (\$82,910) (\$54,170) \$366,273 (\$4,130,592) (\$3,920,371) 2.50% (\$8,056) (\$4,138,648)	(\$4,138,648) \$0 (\$11,260) (\$83,138) ( <u>\$407)</u> (\$94,806) \$212,192 (\$4,445,645) (\$4,292,146) 2.50% (\$9,113) (\$4,454,759)	(\$4,454,759) \$0 (\$11,057) (\$82,607) (\$4404) (\$94,069) \$132,969 (\$4,681,796) (\$4,568,278) 2.50% (\$9,387) (\$4,691,183)	(\$4,691,183) \$0 (\$10,712) (\$81,610) (\$92,720) \$87,574 (\$4,871,478) (\$4,781,330) 2.50% (\$10,152) (\$4,881,630)	(\$4,881,630) \$0 (\$9,924) (\$73,912) (\$84,198) \$73,658 (\$5,039,486) (\$4,960,558) 2.50% (\$10,533) (\$5,050,018)	(\$5,050,018) \$0 (\$9,781) (\$72,391) (\$355) (\$82,526) \$85,571 (\$5,218,116) (\$5,134,067) 2.50% (\$10,549) (\$5,228,665)	(\$5,228,665) \$0 (\$8,830) (\$65,717) (\$74,868) \$101,903 (\$5,405,437) (\$5,317,051) 2.50% (\$11,290) (\$5,416,726)	\$1,553,426 (\$223,546) (\$72,665) (\$2,212,060) <u>(\$4,120)</u> (\$958,965) \$3,098,331 (\$92,348)
GCR Deferred Summary Beginning Balance Gas Costs Working Capital Total Costs Collections Prelim. Ending Balance Month's Average Balance Interest Rate (BOA Prime minus 200 bps) Interest Applied Gas Purchase Plan Incentives/(Penalties) Ending Bal. W/ Interest Under/(Over)-collection	\$1,876,280 \$26,348,087 \$113,149 \$26,461,237 \$21,033,074 \$7,304,442 \$4,590,361 2.50% \$9,432 \$0 \$7,313,875 \$5,428,163	\$7,313,875 \$43,799,677 \$188,442 \$43,988,119 \$34,502,403 \$16,799,590 \$12,056,733 2.50% \$25,600 \$0 \$16,825,190 \$9,485,716	\$16,825,190 \$52,903,302 \$227,741 \$53,131,043 \$45,910,403 \$24,045,831 \$20,435,510 2.50% \$43,390 \$0 \$24,089,221 \$7,220,640	\$24,089,221 \$46,362,187 \$199,561 \$46,561,747 \$48,809,328 \$21,841,640 \$22,965,431 2.50% \$44,043 \$0 \$21,885,683 (\$2,247,581)	\$21,885,683 \$37,043,199 \$159,303 \$37,202,502 \$44,779,092 \$14,309,093 \$18,097,388 2.50% \$38,426 \$0 \$14,347,519 (\$7,576,590)	\$14,347,519 \$19,744,240 \$84,484 \$19,828,723 \$33,813,630 \$362,612 \$7,355,066 2.50% \$15,113 \$0 \$377,726 (\$13,984,907)	\$377,726 \$12,146,374 \$51,509 \$12,197,883 \$19,503,887 (\$6,928,279) (\$3,275,277) 2.50% (\$6,954) \$0 (\$6,935,233) (\$7,306,004)	(\$6,935,233) \$9,044,422 \$37,932 \$9,082,354 \$12,165,120 (\$10,017,999) (\$8,476,616) 2.50% (\$17,418) \$0 (\$10,035,417) (\$3,082,766)	(\$10,035,417) \$8,400,320 \$34,947 \$8,435,267 \$8,019,266 (\$9,619,416) 2,50% (\$20,866) \$0 (\$9,640,282) \$416,001	(\$9,640,282) \$8,769,003 \$36,351 \$8,805,354 \$6,737,141 (\$7,572,069) (\$8,606,176) 2.50% (\$18,273) \$0 (\$7,590,343) \$2,068,213	(\$7,590,343) \$9,316,766 \$38,536 \$9,355,302 \$7,817,398 (\$6,052,439) (\$6,821,391) 2.50% (\$14,017) \$0 (\$6,066,455) \$1,537,904	(\$6,066,455) \$15,053,975 \$63,134 \$15,117,110 \$9,320,478 (\$269,823) (\$3,168,139) 2.50% (\$6,727) \$0 (\$276,550) \$5,796,632	\$288,931,553 \$1,235,088 \$290,166,640 \$292,411,220 \$91,750

#### 11 Month Bill Impact Analysis with Various Levels of Consumption: Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2008-2009 Proposed GCR & DAC

#### **Residential Heating:**

						Diff	erence due to:		
Dec Consumption (The	- Oct erms)	Proposed December-08	Current Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
	600	\$980	\$1,064	(\$84)	-7.9%	\$0	(\$83.15)	(\$1.09)	\$0.00
	664	\$1,073	\$1,166	(\$93)	-8.0%	\$0	(\$92.01)	(\$1.16)	\$0.00
	730	\$1,168	\$1,271	(\$102)	-8.1%	\$0	(\$101.13)	(\$1.30)	\$0.00
	794	\$1,260	\$1,372	(\$111)	-8.1%	\$0	(\$110.04)	(\$1.43)	\$0.00
	857	\$1,349	\$1,470	(\$120)	-8.2%	\$0	(\$118.76)	(\$1.49)	\$0.00
Average Customer	860	\$1,342	\$1,462	(\$121)	-8.3%	\$0	(\$119.15)	(\$1.53)	\$0.00
	987	\$1,532	\$1,671	(\$139)	-8.3%	\$0	(\$136.75)	(\$1.76)	\$0.00
1	,051	\$1,622	\$1,770	(\$148)	-8.3%	\$0	(\$145.62)	(\$1.90)	\$0.00
1	,114	\$1,709	\$1,866	(\$156)	-8.4%	\$0	(\$154.37)	(\$1.99)	\$0.00
1	,180	\$1,801	\$1,966	(\$166)	-8.4%	\$0	(\$163.48)	(\$2.12)	\$0.00
1	,247	\$1,893	\$2,068	(\$175)	-8.5%	\$0	(\$172.78)	(\$2.24)	\$0.00

#### Residential Non-Heating:

Γ	Dec - Oct	Proposed	Current						
Consumption		December-08	Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
	123	 \$277	\$294	(\$17)	-5.9%	\$0	(\$17.05)	(\$0.19)	\$0
	137	\$298	\$317	(\$19)	-6.1%	\$0	(\$18.96)	(\$0.25)	\$0
	147	\$313	\$334	(\$21)	-6.2%	\$0	(\$20.34)	(\$0.25)	\$0
	161	\$334	\$357	(\$23)	-6.3%	\$0	(\$22.31)	(\$0.26)	\$0
	176	\$357	\$382	(\$25)	-6.5%	\$0	(\$24.39)	(\$0.31)	\$0
Average Customer	174	\$347	\$371	(\$24)	-6.6%	\$0	(\$24.10)	(\$0.29)	\$0
-	202	\$396	\$425	(\$28)	-6.7%	\$0	(\$27.98)	(\$0.38)	\$0
	217	\$419	\$450	(\$30)	-6.8%	\$0	(\$30.06)	(\$0.35)	\$0
	231	\$441	\$473	(\$32)	-6.8%	\$0	(\$31.98)	(\$0.38)	\$0
	241	\$456	\$489	(\$34)	-6.9%	\$0	(\$33.38)	(\$0.39)	\$0
	256	\$478	\$514	(\$36)	-7.0%	\$0	(\$35.48)	(\$0.44)	\$0

#### 11 Month Bill Impact Analysis with Various Levels of Consumption: Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2008-2009 Proposed GCR & DAC

C & I Small:

		Dransad	Ourseast			Diffe	rence due to:		
L Consumption (	Dec - Oct (Therms)	Proposed December-08	Current Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
	824	\$1,603	\$1,718	(\$116)	-6.7%	\$0	(\$114)	(\$1)	\$0
	916	\$1,731	\$1,860	(\$129)	-6.9%	\$0	(\$127)	(\$2)	\$0
	1,003	\$1,852	\$1,993	(\$141)	-7.1%	\$0	(\$139)	(\$2)	\$0
	1,092	\$1,975	\$2,129	(\$153)	-7.2%	\$0	(\$151)	(\$2)	\$0
	1,179	\$2,095	\$2,260	(\$165)	-7.3%	\$0	(\$163)	(\$2)	\$0
Average Customer	1,196	\$2,096	\$2,264	(\$168)	-7.4%	\$0	(\$166)	(\$2)	\$0
	1,359	\$2,340	\$2,531	(\$191)	-7.5%	\$0	(\$188)	(\$2)	\$0
	1,447	\$2,460	\$2,663	(\$203)	-7.6%	\$0	(\$200)	(\$3)	\$0
	1,535	\$2,579	\$2,795	(\$215)	-7.7%	\$0	(\$213)	(\$3)	\$0
	1,622	\$2,698	\$2,926	(\$228)	-7.8%	\$0	(\$225)	(\$3)	\$0
	1,715	\$2,825	\$3,065	(\$241)	-7.9%	\$0	(\$238)	(\$3)	\$0

#### C & I Medium:

Dec -	- Oct	Proposed	Current						
Consumption (The	erms)	December-08	Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
7,	,117	\$9,962	\$10,986	(\$1,024)		 \$0	(\$1,011)	(\$13)	 \$0
7,	,884	\$10,977	\$12,112	(\$1,135)	-9.4%	\$0	(\$1,120)	(\$14)	\$0
8,	,649	\$11,990	\$13,235	(\$1,245)	-9.4%	\$0	(\$1,229)	(\$16)	\$0
9,	,416	\$13,006	\$14,361	(\$1,355)	-9.4%	\$0	(\$1,338)	(\$17)	\$0
10,	,185	\$14,024	\$15,490	(\$1,466)	-9.5%	\$0	(\$1,447)	(\$18)	\$0
Average Customer 10,	,195	\$13,982	\$15,449	(\$1,467)	-9.5%	\$0	(\$1,449)	(\$18)	\$0
11,	,715	\$16,049	\$17,735	(\$1,686)	-9.5%	\$0	(\$1,665)	(\$21)	\$0
12,	,484	\$17,067	\$18,864	(\$1,797)	-9.5%	\$0	(\$1,774)	(\$22)	\$0
13,	,251	\$18,083	\$19,990	(\$1,907)	-9.5%	\$0	(\$1,883)	(\$24)	\$0
14,	,016	\$19,096	\$21,113	(\$2,017)	-9.6%	\$0	(\$1,992)	(\$25)	\$0
14,	,783	\$20,111	\$22,238	(\$2,128)	-9.6%	\$0	(\$2,101)	(\$27)	\$0

#### 11 Month Bill Impact Analysis with Various Levels of Consumption: Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2008-2009 Proposed GCR & DAC

#### C & I LLF Large:

		<b>.</b> .	<b>0</b>			Diff	erence due to:		
L Consumption	Dec - Oct (Therms)	Proposed December-08	Current Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
	37,532	\$51,432	\$56,507	(\$5,075)	-9.0%	\$0	(\$5,007)	(\$68)	\$0
	41,573	\$56,853	\$62,474	(\$5,621)	-9.0%	\$0	(\$5,546)	(\$75)	\$0
	45,616	\$62,277	\$68,445	(\$6,168)	-9.0%	\$0	(\$6,086)	(\$82)	\$0
	49,660	\$67,702	\$74,417	(\$6,715)	-9.0%	\$0	(\$6,625)	(\$89)	\$0
	53,699	\$73,121	\$80,382	(\$7,261)	-9.0%	\$0	(\$7,164)	(\$97)	\$0
Average Customer	53,607	\$72,861	\$80,109	(\$7,248)	-9.0%	\$0	(\$7,152)	(\$96)	\$0
	61,785	\$83,969	\$92,323	(\$8,354)	-9.0%	\$0	(\$8,243)	(\$111)	\$0
	65,824	\$89,388	\$98,288	(\$8,900)	-9.1%	\$0	(\$8,782)	(\$118)	\$0
	69,868	\$94,813	\$104,260	(\$9,447)	-9.1%	\$0	(\$9,321)	(\$126)	\$0
	73,911	\$100,237	\$110,231	(\$9,994)	-9.1%	\$0	(\$9,861)	(\$133)	\$0
	77,952	\$105,658	\$116,198	(\$10,540)	-9.1%	\$0	(\$10,400)	(\$140)	\$0

#### C & I HLF Large:

	Dec - Oct	Proposed	Current						
Consumption		December-08	Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
	37,970	\$47,273	\$52,870	(\$5,597)	-10.6%	\$0	(\$5,529)	(\$68)	\$0
	42,061	\$52,250	\$58,450	(\$6,200)	-10.6%	\$0	(\$6,125)	(\$76)	\$0
	46,151	\$57,225	\$64,029	(\$6,803)	-10.6%	\$0	(\$6,720)	(\$83)	\$0
	50,240	\$62,199	\$69,606	(\$7,406)	-10.6%	\$0	(\$7,316)	(\$90)	\$0
	54,329	\$67,174	\$75,183	(\$8,009)	-10.7%	\$0	(\$7,911)	(\$98)	\$0
Average Customer	53,853	\$66,488	\$74,427	(\$7,939)	-10.7%	\$0	(\$7,842)	(\$97)	\$0
	62,508	\$77,124	\$86,339	(\$9,215)	-10.7%	\$0	(\$9,102)	(\$113)	\$0
	66,596	\$82,098	\$91,915	(\$9,817)	-10.7%	\$0	(\$9,697)	(\$120)	\$0
	70,686	\$87,073	\$97,493	(\$10,420)	-10.7%	\$0	(\$10,293)	(\$127)	\$0
	74,775	\$92,048	\$103,071	(\$11,023)	-10.7%	\$0	(\$10,888)	(\$135)	\$0
	78,867	\$97,026	\$108,652	(\$11,626)	-10.7%	\$0	(\$11,484)	(\$142)	\$0

#### 11 Month Bill Impact Analysis with Various Levels of Consumption: Current Distribution, GCR, DAC and Energy Efficiency Rates vs. 2008-2009 Proposed GCR & DAC

#### C & I LLF Extra-Large:

_	_		_			DIII	erence que lo.		
D Consumption (	ec - Oct Therms)	Proposed December-08	Current Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
1	189,450	\$228,487	\$255,704	(\$27,217)	-10.6%	\$0	(\$26,876)	(\$341)	\$0
2	209,855	\$252,709	\$282,858	(\$30,149)	-10.7%	\$0	(\$29,771)	(\$378)	\$0
2	230,255	\$276,925	\$310,004	(\$33,079)	-10.7%	\$0	(\$32,665)	(\$414)	\$0
2	250,655	\$301,141	\$337,151	(\$36,010)	-10.7%	\$0	(\$35,559)	(\$451)	\$0
2	271,059	\$325,361	\$364,303	(\$38,941)	-10.7%	\$0	(\$38,454)	(\$488)	\$0
Average Customer 2	256,269	\$308,168	\$344,985	(\$36,817)	-10.7%	\$0	(\$36,355)	(\$461)	\$0
3	311,865	\$373,800	\$418,604	(\$44,804)	-10.7%	\$0	(\$44,242)	(\$561)	\$0
3	332,269	\$398,021	\$445,756	(\$47,735)	-10.7%	\$0	(\$47,137)	(\$598)	\$0
3	352,669	\$422,237	\$472,903	(\$50,666)	-10.7%	\$0	(\$50,031)	(\$635)	\$0
3	373,069	\$446,453	\$500,049	(\$53,597)	-10.7%	\$0	(\$52,925)	(\$672)	\$0
3	393,474	\$470,674	\$527,203	(\$56,528)	-10.7%	\$0	(\$55,820)	(\$708)	\$0

#### C & I HLF Extra-Large:

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#### Difference due to:

	Dec - Oct	Proposed	Current						
Consumption	(Therms)	December-08	Rates	Difference	% Chg	Base Rates	GCR	DAC	EnergyEff
	184,661	\$216,114	\$243,791	(\$27,677)	-11.4%	\$0	(\$27,345)	(\$332)	\$0
	204,549	\$239,001	\$269,659	(\$30,658)	-11.4%	\$0	(\$30,290)	(\$368)	\$0
	224,435	\$261,887	\$295,525	(\$33,638)	-11.4%	\$0	(\$33,234)	(\$404)	\$0
	244,321	\$284,772	\$321,391	(\$36,619)	-11.4%	\$0	(\$36,179)	(\$440)	\$0
	264,206	\$307,657	\$347,256	(\$39,599)	-11.4%	\$0	(\$39,124)	(\$476)	\$0
Average Customer	261,608	\$304,281	\$343,491	(\$39,210)	-11.4%	\$0	(\$38,739)	(\$471)	\$0
	303,982	\$353,432	\$398,993	(\$45,561)	-11.4%	\$0	(\$45,014)	(\$547)	\$0
	323,867	\$376,316	\$424,857	(\$48,541)	-11.4%	\$0	(\$47,958)	(\$583)	\$0
	343,753	\$399,202	\$450,723	(\$51,522)	-11.4%	\$0	(\$50,903)	(\$619)	\$0
	363,639	\$422,087	\$476,589	(\$54,502)	-11.4%	\$0	(\$53,848)	(\$655)	\$0
	383,527	\$444,975	\$502,458	(\$57,483)	-11.4%	\$0	(\$56,793)	(\$690)	\$0

The Narragansett Electric Company d/b/a National Grid RIPUC NG No. 101 Section 7 Miscellaneous Services Schedule A, Sheet 1 Fifth Revision

#### NATURAL GAS VEHICLE SERVICE RATE 70

## 1.0 NATURAL GAS VEHICLE SERVICE

1.1 AVAILABILITY: This rate is available for compressed natural gas dispensed at Company-owned fueling stations for the purpose of fueling natural gas vehicles. No other use of gas will be included in this rate for billing purposes. \$5.00 per month **1.2 RATES:** Customer Charge: Energy Charge: Distribution Charge: \$0.1697 per Therm Commodity Charge: \$0.8332 per Therm **1.3 MINIMUM RATE:** Customer Charge

## 1.4 GENERAL RULES AND

**<u>REGULATIONS:</u>** The Company's General Rules and Regulations in Section 1 of RIPUC NG No. 101, as in effect from time-to-time and where not inconsistent with any specific provisions hereof, are a part of this Schedule.

# **1.5 RHODE ISLAND GROSS** EARNINGS TAX: The application of the above rates are subject to the Rhode Island Gross Earnings Tax provisions in Section 1, Schedule D.

## 2.0 INTERRUPTIBLE NATURAL GAS VEHICLE SERVICE

**2.1 <u>AVAILABILITY:</u>** Gas service is available under this rate to any customer requiring natural gas as a motor fuel for motor vehicle operations.

Customer must have dual-fuel capability for the use of an alternate fuel which may be substituted for gas when gas is

Effective: December 1, 2008

The Narragansett Electric Company d/b/a National Grid RIPUC NG No. 101 Section 7 Miscellaneous Services Schedule A, Sheet 2 Fifth Revision

## NATURAL GAS VEHICLE SERVICE RATE 70

not available under this tariff, or customer must have use of a vehicle powered by an alternate fuel which may be substituted for the NGV vehicle when gas is not available under this tariff.

2.2 <u>RATES:</u> The interruptible rate shall be set for the upcoming month after 10:30 a.m. five (5) business days prior to the commencement of that month. Upon setting the non-firm service rate, if the Company obtains a new, lower gas supply, the rate may be reduced prior to the first calendar day of the month. The customer must notify the Company by 9:00 a.m. two (2) business days prior to the commencement of that month of the intention to take Interruptible Natural Gas Vehicle Service.

Customer Charge: \$5.00 per month

Energy Charge:

The rate for interruptible service will be equal to the Company's incremental gas cost, \$.085/Therm margin, plus \$.15/Therm for the cost of compression.

2.3 <u>MINIMUM RATE</u>: Customer Charge

#### 2.4 GENERAL RULES AND REGULATIONS: Th

The Company's General Rules and Regulations in Section 1 of RIPUC NG No. 101, as in effect from time-to-time and where not inconsistent with any specific provisions hereof, are a part of this Schedule.

## 2.5 RHODE ISLAND GROSS

**EARNINGS TAX:** The application of the above rates are subject to the Rhode Island Gross Earnings Tax provisions in Section 1, Schedule D.

# 2.6 NOTIFICATION OF INTERRUPTION/

The Narragansett Electric Company d/b/a National Grid RIPUC NG No. 101 Section 7 Miscellaneous Services Schedule A, Sheet 3 Fifth Revision

## NATURAL GAS VEHICLE SERVICE RATE 70

	<u>CURTAILMENT:</u>	Customer will curtail or discontinue service when, in the sole opinion of the Company, such curtailment or interruption is necessary in order for it to continue to supply the gas requirements of its firm customers at such time.
2.7	FAILURE TO	
	CURTAIL:	For any period that a customer fails to curtail the use of gas as requested by the Company, the rate for gas consumption will be equal to the highest cost gas required to meet demand during the curtailment period, plus \$1.55 per Therm.

Updated Attachment PCC-6 Docket No. 3982 October 31, 2008 Page No. 1

#### Gas Cost Recovery (GCR) Filing December 2008 - October 2009

#### Summary of Marketer Transportation Factors

Item	Reference	Proposed	Billing Units
FT-2 Firm Transportation Marketer Gas Charge	pg 2	\$0.0406	Therms throughput of Marketer Pool
Pool Balancing Charge	pg 3	\$0.0024	Per % of balancing elected per Therm throughput of Marketer Pool
Weighted Average Upstream Pipeline Transportation Cost	GLB - 5	\$0.0944	Per Therm of capacity

#### Gas Cost Recovery (GCR) Filing December 2008 - October 2009

#### Calculation of FT-2 Marketer Gas Charge

I. Determination of FT-2 Storage Fixed Cost Factor

1 Allocated Storage Fixed Costs reference									
2	C & I Medium	PCC 1, pg 3	\$1,233,536						
3	C & I Large LLF	PCC 1, pg 3	\$473,382						
4	C & I Large HLF	PCC 1, pg 3	\$114,131						
5	C & I Extra Large LLF	PCC 1, pg 3	\$40,684						
6	C & I Extra Large HLF	PCC 1, pg 3	<u>\$49,000</u>						
7	sub-total	sum ([1]:[6])	\$1,910,733						
8 T	hrough-put (dth) Dec 2008 - Oct 2009	PCC 1, pg 12	6,712,803						
9 S	Storage Fixed Factor	[7] / [8]	\$0.2846						
II. Storage Variable Cost Factor PCC 1, pg 1									
TOTAL	FT-2 Gas Marketer Charge (per Dth)		\$0.3973						
L	Incollectible %	Dkt 3401	2.10%						
TOTAL FT-2 Gas Marketer Charge adj for uncollectible (\$/dth)									

#### Gas Cost Recovery (GCR) Filing December 2008 - October 2009

#### Calculation of Pool Balancing Charge

		reference	Medium <u>C&amp;I</u>	Large <u>LLF</u>	Large <u>HLF</u>	Extra Large <u>LLF</u>	Extra Large <u>HLF</u>	<u>Total</u>
1	Through-put (dth) Dec 2008 - Oct 2009	PCC - 1, pg 12	4,314,216	1,470,177	524,495	137,508	266,408	6,712,803
2	% allocation		64.27%	21.90%	7.81%	2.05%	3.97%	100.00%
3	Supply Fixed Cost Factor	PCC - 1, pg 1	\$0.7431	\$0.8314	\$0.5608	\$0.7444	\$0.4715	
4	Storage Fixed Cost Factor	PCC - 1, pg 1	\$0.2859	\$0.3220	\$0.2176	\$0.2959	\$0.1839	
5	Storage Variable Cost Factor	PCC - 1, pg 1	\$1.3124	\$1.3124	\$1.3124	\$1.3124	\$1.3124	
6	Class Specific Pool Balancing Charge	([3]+[4]+[5]) x 1%	\$0.0234	\$0.0247	\$0.0209	\$0.0235	\$0.0197	
7	Class Specific Weighted Average ( \$/dth )	[6] x [2]	\$0.0150	\$0.0054	\$0.0016	\$0.0005	\$0.0008	\$0.0233
8	Uncollectible %	Docket 3401	2.10%	2.10%	2.10%	2.10%	2.10%	
9	Pool Balancing Charge adjusted for Uncollectible	([7] / (1-[8])	\$0.0154	\$0.0055	\$0.0017	\$0.0005	\$0.0008	\$0.0239
10	Per Therm Pool Balancing Charge	[9] / 10					Γ	\$0.0024

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Factors Effective December 1, 2009

#### (\$ per Dth)

Line <u>No.</u>	Description (a)	<u>Reference</u> (b)	Residential <u>Non-Heat</u> (c)	Residential <u>Heat</u> (d)	Small <u>C&amp;I</u> (e)	Medium <u>C&amp;I</u> (f)	Large <u>LLF</u> (g)	Large <u>HLF</u> (h)	Extra Large <u>LLF</u> (i)	Extra Large <u>HLF</u> (j)	FT-2 <u>Mkter</u> (k)	NGV (I)
1	Supply Fixed Cost Factor	pg. 2	\$0.5412	\$0.7787	\$0.7787	\$0.7787	\$0.7787	\$0.5412	\$0.7787	\$0.5412	n/a	
2	Storage Fixed Cost Factor	pg. 3	\$0.2149	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.2149	\$0.3084	\$0.2149	\$0.2919	
3	Supply Variable Cost Factor	pg. 4	\$8.1851	\$8.1851	\$8.1851	\$8.1851	\$8.1851	\$8.1851	\$8.1851	\$8.1851	n/a	\$8.1851
4a	Storage Variable Product Cost Factor	pg. 5	\$1.3317	\$1.3317	\$1.3317	\$1.3317	\$1.3317	\$1.3317	\$1.3317	\$1.3317	n/a	
4b	Storage Variable Non-product Cost Factor	pg. 5	\$0.1130	\$0.1130	\$0.1130	\$0.1130	\$0.1130	\$0.1130	\$0.1130	\$0.1130	\$0.1130	
5	Total Gas Cost Recovery Charge	(1)+(2)+(3)+(4)	\$10.3859	\$10.7169	\$10.7169	\$10.7169	\$10.7169	\$10.3859	\$10.7169	\$10.3859	\$0.4049	\$8.1851
6	Uncollectible %	Docket 3943	2.46%	2.46%	2.46%	2.46%	2.46%	2.46%	2.46%	2.46%	2.46%	2.46%
7	Total GCR Charge adjusted for Uncollectibles	(5) / [(1 - (6)]	\$10.6478	\$10.9872	\$10.9872	\$10.9872	\$10.9872	\$10.6478	\$10.9872	\$10.6478	\$0.4151	\$8.3915
8	GCR Charge on a per therm basis	(7) / 10	\$1.0648	\$1.0987	\$1.0987	\$1.0987	\$1.0987	\$1.0648	\$1.0987	\$1.0648	\$0.0415	\$0.8392
	Current rate effective 7/15/08 difference		\$1.2269 (\$0.1621) -13.2%	\$1.2269 (\$0.1282) -10.4%	\$1.2269 (\$0.1282) -10.4%	\$1.2260 (\$0.1273) -10.4%	\$1.2300 (\$0.1313) -10.7%	\$1.2039 (\$0.1391) -11.6%	\$1.2269 (\$0.1282) -10.4%	\$1.1938 (\$0.1290) -10.8%	\$0.0501 (\$0.0086) -17.2%	\$0.9326 (\$0.0934) -10.0%
	Proposed rates with current tariff Docket 3943 GCR vs current tariff proposed		\$1.0883 (\$0.0235) -2.2%	\$1.0883 \$0.0104 0.9%	\$1.0883 \$0.0104 0.9%	\$1.0839 \$0.0148 1.3%	\$1.0966 \$0.0021 0.2%	\$1.0583 \$0.0065 0.6%	\$1.0850 \$0.0137 1.2%	\$1.0457 \$0.0191 1.8%	\$0.0406 \$0.0009 2.2%	\$0.8332 \$0.0060 0.7%

Natonal Grid Rhode Island - Gas		Gas Cost Recovery (GCR) Do								Attachment PCC Docket No. 398 October 31, 200 Page No.	32 08		
Line <u>No. Description</u> (a)	<u>Reference</u> (b)	Amount (c)	Residential <u>Heating</u> (d)	Small <u>C&amp;l</u> (e)	Medium <u>C&amp;I</u> (f)	Large <u>LLF</u> (g)	Extra Large <u>LLF</u> (h)	Low Load <u>Factor Total</u> (i)	Residential <u>Non-Heat</u> (j)	Large <u>HLF</u> (k)	Extra Large <u>HLF</u> (I)	High Load <u>Factor Total</u> (m)	Line <u>No.</u>
<ol> <li>Supply Fixed Costs (net of Cap Rel)</li> <li>Less:</li> <li>Capacity Release Revenues</li> <li>Interruptible Costs</li> <li>Non-Firm Sales Costs</li> <li>Off-System Sales Margin</li> <li>Refunds</li> <li>Total Credits</li> </ol>	GLB-1 GLB-1 sum[(3):(7)]	\$21,600,984 \$0 \$0 \$0 \$0 \$0 \$0 \$0											1 2 3 4 5 6 7 8
<ul> <li>9 Plus:</li> <li>10 Working Capital Requirement</li> <li>11 Reconciliation Amount</li> <li>12 Total Additions</li> </ul>	pg 8 pg 6 (10) + (11)	\$175,367 (\$2,232,818) (\$2,057,451)											9 10 11 12
13 Total Supply Fixed Costs	(1) - (8) + (12)	\$19,543,533											13
14 Design Winter Sales Percentage	pg 13		67.20%	9.25%	14.58%	5.12%	0.48%	96.63%	1.49%	1.28%	0.61%	3.37%	14
15 Allocated Supply Fixed Costs	(13) x (14)		\$13,132,392	\$1,807,908	\$2,850,246	\$1,000,633	\$93,597	\$18,884,776	\$290,409	\$250,011	\$118,338	\$658,757	15
16 Sales (Dt) Dec 2008 - Oct 2009	pg 12	25,468,433	16,873,407	2,234,886	3,819,273	1,198,477	125,212	24,251,254	523,332	443,935	249,912	1,217,179	16
17 Supply Fixed Factor	(15) / (16)							\$0.7787				\$0.5412	17

	Rhode Island - Gas     Gas Cost Recovery (GCR)     Do											Attachment PCC Docket No. 398 October 31, 200 Page No.	32 )8	
Line <u>No.</u>	Description (a)	<u>Reference</u> (b)	<u>Amount</u> (c)	Residential <u>Heating</u> (d)	Small <u>C&amp;l</u> (e)	Medium <u>C&amp;l</u> (f)	Large <u>LLF</u> (g)	Extra Large LLF (h)	Low Load <u>Factor Total</u> (i)	Residential <u>Non-Heat</u> (j)	Large <u>HLF</u> (k)	Extra Large <u>HLF</u> (I)	High Load <u>Factor Total</u> (m)	Line <u>No.</u>
1 Sto	prage Fixed Costs	GLB-1	\$8,566,385											1
4 C 5 R	ss: NG Demand to DAC redits efunds otal Credits	GLB 2/Dkt 3943	\$338,940 \$0 \$0 \$338,940											2 3 4 5 6
9 W 10 R	us: upply Related LNG O&M Costs /orking Capital Requirement .econciliation Amount otal Additions	Docket 3943 pg 8 pg 6 sum [(8):(10)]	\$567,042 \$71,398 (\$865,243) (\$226,803)											7 8 9 10 11
12 Tot	tal Storage Fixed Costs	(1) - (6) + (11)	\$8,000,641											12
13 De	sign Winter Throughput Percentage	pg 13		65.11%	8.96%	15.81%	6.07%	0.52%	96.47%	1.44%	1.46%	0.63%	3.53%	13
14 Allo	ocated Storage Fixed Costs	(12) x (13)		\$5,209,147	\$717,132	\$1,264,804	\$485,382	\$41,715	\$7,718,180	\$115,195	\$117,024	\$50,243	\$282,461	14
15 Thi	roughput (Dt) Dec 08 - Oct 09	pg 12	26,344,428	16,873,407	2,234,886	4,314,216	1,470,177	137,508	25,030,193	523,332	524,495	266,408	1,314,235	15
16 <b>Sto</b>	orage Fixed Factor	(14) / (15)							\$0.3084				\$0.2149	16

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Variable Cost Calculation (\$ per Dth) December 2008 - October 2009

Line				Line
<u>No.</u>	Description	<u>Reference</u>	<u>Amount</u>	<u>No.</u>
1	Variable Supply Costs	GLB 1	\$190,181,397	1
2	Less:			2
3	Non-Firm Sales		\$0	3
4	Variable Delivery Storage Costs	GLB 2/ PCC 7 p5	\$216,629	4
5	Variable Injection Storage Costs	GLB 2/ PCC 7 p5	\$72,665	5
6	Fuel Costs Allocated to Storage	GLB 2/ PCC 7 p5	\$2,210,288	6
7	Refunds	_	\$0	7
8	Total Credits	sum [(3):(7)]	\$2,499,582	8
9	Plus:			9
10	Working Capital	pg 9	\$1,523,693	10
11	Reconciliation Amount	pg 6	<u>\$19,257,064</u>	11
12	Total Additions	(10)+(11)	\$20,780,756	12
		_		
13	Total Variable Supply Costs	(1)-(8)+(12)	\$208,462,572	13
14	Sales (Dt) Dec 2008 - Oct 2009	pg 12	25,468,433	14
15	Supply Variable Cost Factor	(13)/(14)	\$ <u>8.1851</u>	15

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Variable Cost Calculation (\$ per Dth) December 2008 - October 2009

Line <u>No.</u>	Description	<u>Reference</u>	<u>Amount</u>	Line <u>No.</u>
1	Storage Variable Product Costs	GLB 1	\$38,632,729	1
2 3 4 5	Less: Balancing Related LNG Costs (to DAC) Refunds Total Credits	GLB 2/Dkt 3943 (3)+(4)	\$775,596 \$0 \$775,596	2 3 4 5
6 7 9 10 11 12 13	Plus: Supply Related LNG O&M Working Capital Inventory Financing - LNG (Supply) Inventory Financing - Storage Inventory Financing - LP Reconciliation Amount Total Additions	Docket 3943 pg 9 pg 11 pg 11 pg 11 pg 7 sum[(7):(12)]	\$394,285 \$310,544 \$758,287 \$2,018,126 \$0 (\$7,421,641) (\$3,940,400)	6 7 8 9 10 11 12 13
14	Total Storage Variable Costs	(1)-(5)+(13)	\$33,916,733	14
15	Sales (Dt) Dec 2008 - Oct 2009	pg 12	25,468,433	15
16	Storage Variable Product Cost Factor	(14) / (15)	\$ <u>1.3317</u>	16
17	Storage Variable Non-Product Costs	GLB 1	\$1,884,632	17
18 19 20	Less: Refunds Total Credits	-	\$0 \$0	18 19 20
21 22 23 24 25 26 27 28	Plus: Variable Delivery Storage Costs Variable Injection Storage Costs Fuel Costs Allocated to Storage Working Capital Inventory Financing - Storage Reconciliation Amount Total Additions	pg 4 pg 4 pg 10 pg 11 pg 7 	\$216,629 \$72,665 \$2,210,288 \$15,300 \$0 (\$1,423,487) \$1,091,396	21 22 23 24 25 26 27 28
29	Total Storage Variable Costs	(17)-(20)+(28)	\$2,976,027	29
30	Throughput (Dt)	pg 12	26,344,428	30
31	Storage Variable Product Cost Factor	(29) / (30)	\$ <u>0.1130</u>	31

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Gas Cost Account Balances

		Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	
Line		31 actual	31 actual	30 actual	31 forecast	30 forecast	Line
No.							No.
<u></u>	I. Supply Fixed Cost Deferred						<u></u>
1	Beginning Balance	(\$7,977,817)	(\$5,887,819)	(\$4,573,887)	(\$3,435,225)	(\$2,367,907)	1
2	Supply Fixed Costs (net of cap rel)	\$2,885,908	\$2,044,179	\$1,767,703	\$2,051,317	\$1,965,255	2
3	Capacity Release	\$0	\$0	\$0	\$0	\$0	3
4	Working Capital	\$12,475	\$8,837	\$7,642	\$8,868	\$8,479	4
5	Total Supply Fixed Costs	\$2,898,383	\$2,053,016	\$1,775,345	\$2,060,185	\$1,973,734	5
6	Supply Fixed - Collections	\$790,743	\$725,773	\$626,821	\$986,434	\$1,833,924	6
7	Prelim. Ending Balance	(\$5,870,177)	(\$4,560,576)	(\$3,425,363)	(\$2,361,475)	(\$2,228,096)	7
8	Month's Average Balance	(\$6,923,997)	(\$5,224,197)	(\$3,999,625)	(\$2,898,350)	(\$2,298,001)	8
9	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	9
10	Interest Applied	(\$17,642)	(\$13,311)	(\$9,862)	(\$6,432)	(\$4,722)	10
11	Asset Management Incentive	\$0	\$0	\$0	\$0	\$0	
12	Supply Fixed Ending Balance	(\$5,887,819)	(\$4,573,887)	(\$3,435,225)	(\$2,367,907)	(\$2,232,818)	12
			<b>,</b>				
10	II. Storage Fixed Cost Deferred	(\$2,000,404)	(\$0.474.044)	(\$4.044.444)	(@4_407_770)		40
13	Beginning Balance	(\$2,909,401)	(\$2,471,911)	(\$1,911,144)	(\$1,427,779)	(\$957,086)	13
14 15	Storage Fixed Costs	\$743,858 (\$56,282)	\$850,485	\$752,604	\$858,716 (\$56,282)	\$771,732	14 15
15	LNG Demand to DAC	(\$56,282)	(\$56,282)	(\$56,282)	(\$56,282)	(\$32,114)	15
16	Supply Related LNG O & M	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	16
17	Working Capital	\$3,159	\$3,620	\$3,197	\$3,656	\$3,378	17
18	Total Storage Fixed Costs	\$733,977	\$841,064	\$742,760	\$849,331	\$786,236	18
19	TSS Peaking Collections	\$0	\$0 \$074 704	\$0 \$255-284	\$0 \$275 004	\$0 \$000 500	19
20	Storage Fixed - Collections	\$289,639	\$274,721	\$255,284	\$375,994	\$692,523	20
21 22	Prelim. Ending Balance	(\$2,465,064)	(\$1,905,567)	(\$1,423,668)	(\$954,443)	(\$863,372)	21
	Month's Average Balance	(\$2,687,233)	(\$2,188,739)	(\$1,667,406)	(\$1,191,111)	(\$910,229)	22
23 24	Interest Rate (BOA Prime minus 200 bps) Interest Applied	3.00% (\$6,847)	3.00% (\$5,577)	3.00% (\$4,111)	2.61% (\$2,643)	2.50% (\$1,870)	23 24
24 25	Storage Fixed Ending Balance	(\$0,847) (\$2,471,911)	(\$1,911,144)	(\$1,427,779)	(\$957,086)	(\$865,243)	25
25	Storage i neu Enuling Balance	(\$2,471,911)	(\$1,911,144)	(\$1,427,779)	(4957,000)	(\$000,240)	20
	III Variable Supply Cast Deferred						
26	III. Variable Supply Cost Deferred Beginning Balance	\$7,791,754	\$7,280,749	\$8,515,621	\$9,365,411	\$11,883,752	26
20 27	Variable Supply Costs	\$5,322,469	\$7,557,368	\$6,326,879	\$9,303,411 \$11,090,877	\$11,883,752 \$23,209,041	20 27
28	Variable Delivery Storage	\$3,322,409 \$0	\$0 \$0	\$0,320,879 \$0	\$11,090,077 \$0	\$6,918	28
20	Variable Derivery Storage	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0,918 \$0	20
30	Fuel Cost Allocated to Storage	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	پر \$1,772	30
31	Working Capital	\$23,008	\$32,669	\$27,350	\$47,944	\$100,169	31
32	Total Supply Variable Costs	\$5,345,477	\$7,590,038	\$6,354,229	\$11,138,821	\$23,317,899	32
33	Supply Variable - Collections	\$5,871,095	\$6,376,416	\$5,524,729		\$15,976,549	
33 34	Customer Deferred Responsibility	\$4,565	(\$1,152)	\$3,324,729 \$1,729	\$8,644,031 \$0	\$13,970,349 \$0	33 34
35							
35 36	Prelim. Ending Balance	\$7,261,571 \$7,526,663	\$8,495,523 \$7,888,136	\$9,343,393 \$8,929,507	\$11,860,201 \$10,612,806	\$19,225,102 \$15,554,427	35 36
30 37	Month's Average Balance	\$7,520,003 3.00%		\$8,929,507 3.00%	\$10,612,806 2.61%	\$15,554,427 2.50%	36 37
37 38	Interest Rate (BOA Prime minus 200 bps) Interest Applied	\$19,178	3.00% \$20,099	3.00% \$22,018	\$23,552	\$31,961	37 38
30 39	Gas Procurement Incentive/(penalty)	\$19,178 \$0	\$20,099 \$0	\$22,018 \$0	\$23,552 \$0	\$31,901 \$0	50
39 40	Supply Variable Ending Balance	<sub>40</sub> \$7,280,749	ەر \$8,515,621	ەر \$9,365,411	<sub>40</sub> \$11,883,752	ەں \$19,257,064	40
-+0	Supply variable Lituing Dalance	ψ1,200,149	ψ0,010,021	ψ <del>3</del> ,303,411	ψ11,000,702	ψ10,207,004	-0

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Gas Cost Account Balances

Updated Attachment PCC-7 Docket No. 3982 October 31, 2008

Page No. 7

		h.l. 00	A	0	0-+ 00	Nev 00	
		Jul-08	Aug-08	Sep-08 30	Oct-08 31	Nov-08 30	
Line		31 actual	31 actual	actual	forecast	forecast	Line
No.				actual			No.
140.							<u>110.</u>
	IVa. Storage Variable Product Cost Deferred						
41	Beginning Balance	(\$2,405,878)	(\$3,192,369)	(\$3,877,973)	(\$4,429,098)	(\$5,415,398)	41
42	Storage Variable Prod. Costs - LNG	\$138,890	\$159,479	\$169,734	\$191,357	\$196,029	42
43	Storage Variable Prod. Costs - LP	\$0	\$0	\$0	\$0	\$0	43
44	Storage Variable Prod. Costs - UG	\$0	\$0	\$0	\$0	\$74,045	44
45	Supply Related LNG to DAC	(\$28,320)	(\$32,518)	(\$34,609)	(\$39,018)	(\$39,970)	45
46	Supply Related LNG O & M	\$30,455	\$30,455	\$30,455	\$30,455	\$30,455	46
47	Inventory Financing - LNG	\$52,996	\$55,942	\$59,387	\$71,533	\$66,529	47
48	Inventory Financing - UG	\$55,239	\$55,239	\$55,239	\$55,239	\$55,130	48
49	Inventory Financing - LP	\$0	\$0	\$0	\$0	\$0	49
50	Working Capital	\$610	\$680	\$716	\$790	\$1,124	50
51	Total Storage Variable Product Costs	\$249,871	\$269,278	\$280,922	\$310,357	\$383,342	51
52	Storage Variable Product Collections	\$1,029,239	\$945,886	\$821,818	\$1,285,745	\$2,376,411	52
53	Prelim. Ending Balance	(\$3,185,246)	(\$3,868,977)	(\$4,418,869)	(\$5,404,486)	(\$7,408,466)	53
54	Month's Average Balance	(\$2,795,562)	(\$3,530,673)	(\$4,148,421)	(\$4,916,792)	(\$6,411,932)	54
55	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	55
56	Interest Applied	(\$7,123)	(\$8,996)	(\$10,229)	(\$10,911)	(\$13,175)	56
57	Storage Variable Product Ending Bal.	(\$3,192,369)	(\$3,877,973)	(\$4,429,098)	(\$5,415,398)	(\$7,421,641)	57
	IVb. Stor Var Non-Prod Cost Deferred						
58	Beginning Balance	(\$988,320)	(\$1,055,840)	(\$1,120,245)	(\$1,180,547)	(\$1,267,083)	58
59	Storage Variable Non-prod. Costs	\$0	\$0	\$0	\$0	\$8,714	59
60	Variable Delivery Storage Costs	\$0	\$0	\$0	\$0	(\$6,918)	60
61	Variable Injection Storage Costs	\$0	\$0	\$0	\$0	\$0	61
62	Fuel Costs Allocated to Storage	\$0	\$0	\$0	\$0	(\$1,772)	62
63	Working Capital	\$0	\$0	\$0	\$0	\$0	63
64	Total Storage Var Non-product Costs	\$0	\$0	\$0	\$0	\$24	64
65	Storage Var Non-Product Collections	\$64,919	\$61,636	\$57,469	\$83,823	\$153,667	65
66	Prelim. Ending Balance	(\$1,053,239)	(\$1,117,476)	(\$1,177,714)	(\$1,264,370)	(\$1,420,725)	66
67	Month's Average Balance	(\$1,020,779)	(\$1,086,658)	(\$1,148,979)	(\$1,222,458)	(\$1,343,904)	67
68	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	68
69	Interest Applied	(\$2,601)	(\$2,769)	(\$2,833)	(\$2,713)	(\$2,761)	69
70	Storage Var Non-Product Ending Bal.	(\$1,055,840)	(\$1,120,245)	(\$1,180,547)	(\$1,267,083)	(\$1,423,487)	70
	GCR Deferred Summary						
71	Beginning Balance	(\$6,489,662)	(\$5,327,190)	(\$2,967,628)	(\$1,107,239)	\$1,876,280	71
72	Gas Costs	\$9,188,455	\$10,707,589	\$9,114,352	\$14,297,435	\$26,348,087	72
73	Working Capital	\$39,253	\$45,807	\$38,905	\$61,258	\$113,149	73
74	Total Costs	\$9,227,708	\$10,753,396	\$9,153,256	\$14,358,693	\$26,461,237	74
75	Collections	\$8,050,200	\$8,383,280	\$7,287,850	\$11,376,027	\$21,033,074	75
76	Prelim. Ending Balance	(\$5,312,155)	(\$2,957,074)	(\$1,102,221)	\$1,875,427	\$7,304,442	76
77	Month's Average Balance	(\$5,900,908)	(\$4,142,132)	(\$2,034,924)	\$384,094	\$4,590,361	77
78	Interest Rate (BOA Prime minus 200 bps)	3.00%	3.00%	3.00%	2.61%	2.50%	78
79	Interest Applied	(\$15,035)	(\$10,554)	(\$5,018)	\$852	\$9,432	79
80	Gas Purchase Plan Incentives/(Penalties)	\$0	\$0	\$0	\$0	\$0	
81	Ending Bal. W/ Interest	(\$5,327,190)	(\$2,967,628)	(\$1,107,239)	\$1,876,280	\$7,313,875	81
82	Under/(Over)-collection	\$1,177,508	\$2,370,116	\$1,865,406	\$2,982,666	\$5,428,163	82

Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Working Capital Calculation December 2008 - October 2009

Line <u>No.</u>	<u>Description</u> (a)	<u>Reference</u> (b)	<u>Amount</u> (c)	Line <u>No.</u>
1 2	Supply Fixed Costs (net of Cap Rel) Capacity Release Revenue	GLB 1	\$21,600,984 \$0	1 2
3	Allowable Working Capital Costs	(1) - (2)	\$21,600,984	3
4	Number of Days Lag	Docket 3943	24.40	4
5	Working Capital Requirement	[(3) x (4)] / 365	\$1,444,011	5
6 7	Cost of Capital Return on Working Capital Requirement	Docket 3943 (5) x (6)	<u>9.19%</u> \$132,706	6 7
8	Weighted Cost of Debt	Docket 3943	3.70%	8
9	Interest Expense	(5) x (8)	\$53,478	9
10	Taxable Income	(7) - (9)	\$79,228	10
11 12	1 - Combined Tax Rate Return and Tax Requirement	Docket 3943 (10) / (11)	0.6500 \$121,889	11 12
13	Supply Fixed Working Capital Requirement	(9) + (12)	\$175,367	13
	Less: LNG Demand to DAC Less: Credits	GLB 1	\$8,566,385 (\$338,940) \$0	14 15 16
17 18	Plus: Supply Related LNG O&M Costs Allowable Working Capital Costs	(14)-(15)+(16)+(17)	\$567,042 \$8,794,486	17 18
19	Number of Days Lag	Docket 3943	24.40	19
20 21 22	Working Capital Requirement Cost of Capital Return on Working Capital Requirement	[(18) x (19)] / 365 Docket 3943 (20) x (21)	\$587,905 <u>9.19%</u> \$54,029	20 21 22
23 24	Weighted Cost of Debt Interest Expense	Docket 3943 (20) x (23)	3.70% \$21,773	23 24
25 26 27	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(22) - (24) Docket 3943 (25) / (26)	\$32,256 0.6500 \$49,625	25 26 27
28	Storage Fixed Working Capital Requirement	(24) + (27)	\$71,398	28

Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Working Capital Calculation December 2008 - October 2009

Line <u>No.</u>	Description	Reference	Amount	Line No.
	<u>(a)</u>	(b)	(c)	
1 2	Supply Variable Costs Credits	GLB 1	\$190,181,397 \$2,499,582	1 2
3	Allowable Working Capital Costs	(1) - (2)	\$187,681,815	3
4	Number of Days Lag	Docket 3943	24.40	4
5 6 7	Working Capital Requirement Cost of Capital Return on Working Capital Requirement	[(3) x (4)] / 365 Docket 3943 (5) x (6)	\$12,546,401 <u>9.19%</u> \$1,153,028	5 6 7
		(5) x (6)	φ1,103,020	
8 9	Weighted Cost of Debt Interest Expense	Docket 3943 (5) x (8)	<u>3.70%</u> \$464,651	8 9
10 11 12	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(7) - (9) Rate Case (10) / (11)	\$688,377 0.6500 \$1,059,042	10 11 12
13	Supply Variable Working Capital Requirement	(9) + (12)	\$1,523,693	13
14 15 16	Storage Variable Product Costs Less: Balancing Related LNG Commodity (to DAC) Plus: Supply Related LNG O&M Costs	GLB 1	\$38,632,729 (\$775,596) \$394,285	14 15 16
17	Allowable Working Capital Costs	(14) + (15) + (16)	\$38,251,418	17
18	Number of Days Lag	Docket 3943	24.40	18
19 20	Working Capital Requirement Cost of Capital	[(17) * (18)] / 365 Docket 3943 (10) x (20)	\$2,557,081 9.19%	19 20
21	Return on Working Capital Requirement	(19) x (20)	\$234,999	21
22 23	Weighted Cost of Debt Interest Expense	Docket 3943 (19) x (22)	<u>3.70%</u> \$94,701	22 23
24 25 26	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(21) - (23) Rate Case (24) / (25)	\$140,298 0.6500 \$215,843	24 25 26
27	Storage Var. Product Working Capital Requir.	(23) + (26)	\$310,544	27

Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Working Capital Calculation December 2008 - October 2009

Line <u>No.</u>	<u>Description</u> (a)	<u>Reference</u> (b)	Amount (c)	Line <u>No.</u>
1	Storage Variable Non-Product Costs	GLB 1	\$1,884,632	1
2	Credits		\$0	2
3	Allowable Working Capital Costs	(1) - (2)	\$1,884,632	3
4	Number of Days Lag	Docket 3943	24.40	4
5	Working Capital Requirement	[(3) x (4)] / 365	\$125,986	5
6	Cost of Capital	Docket 3943	9.19%	6
7	Return on Working Capital Requirement	(5) x (6)	\$11,578	7
8	Weighted Cost of Debt	Docket 3943	3.70%	8
9	Interest Expense	(5) x (8)	\$4,666	9
10	Taxable Income	(7) - (9)	\$6,912	10
11	1 - Combined Tax Rate	Docket 3943	0.6500	11
12	Return and Tax Requirement	(10) / (11)	\$10,635	12
13	Storage Variable Non-product WC Requir.	(9) + (12)	\$15,300	13

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Inventory Finance Cost Calculation

Line <u>No.</u>	Description (a)	Reference (b)	<u>Nov-08</u> (c)	<u>Dec-08</u> (d)	<u>Jan-09</u> (e)	<u>Feb-09</u> (f)	<u>Mar-09</u> (g)	<u>Apr-09</u> (h)	<u>May-09</u> (i)	<u>Jun-09</u> (j)	<u>Jul-09</u> (k)	<u>Aug-09</u> (I)	<u>Sep-09</u> (m)	<u>Oct-09</u> (n)	<u>Total</u> (p)	Line <u>No.</u>
1 2 3	Storage Inventory Balance Cost of Capital Return on Working Capital Requirement	GLB 2 pg 16 Docket 3943 (1) x (2)	\$5,629,465 9.19% \$517,354	\$5,629,465 9.19% \$517,354	\$5,629,465 9.19% \$517,354	\$5,629,465 9.19% \$517,354	\$7,078,653 9.19% \$650,536	\$11,349,321 9.19% \$1,043,015	\$15,789,773 9.19% \$1,451,098	\$20,198,932 9.19% \$1,856,304	\$24,707,160 9.19% \$2,270,616	\$28,761,082 9.19% \$2,643,176	\$32,710,102 9.19% \$3,006,095	\$36,299,137 9.19% \$3,335,931	\$18,326,188	1 2 3
4 5	Weighted Cost of Debt Interest Charges Financed	Docket 3943 (1) x (4)	3.70% \$208,485	3.70% \$208,485	3.70% \$208,485	3.70% \$208,485	3.70% \$262,155	3.70% \$420,318	3.70% \$584,768	3.70% \$748,060	3.70% \$915,020	3.70% \$1,065,156	3.70% \$1,211,406	3.70% \$1,344,325	\$7,385,148	4 5
6 7 8	Taxable Income 1 - Combined Tax Rate Return and Tax Requirement	(3) - (5) Docket 3943 (6) / (7)	\$308,869 0.6500 \$475,183	\$308,869 0.6500 \$475,183	\$308,869 0.6500 \$475,183	\$308,869 0.6500 \$475,183	\$388,381 0.6500 \$597,509	\$622,698 0.6500 \$957,996	\$866,330 0.6500 \$1,332,815	\$1,108,245 0.6500 \$1,704,992	\$1,355,595 0.6500 \$2,085,531	\$1,578,020 0.6500 \$2,427,723	\$1,794,689 0.6500 \$2,761,060	\$1,991,607 0.6500 \$3,064,010	\$16,832,369	6 7 8
9	Working Capital Requirement	(5) + (8)	\$683,668	\$683,668	\$683,668	\$683,668	\$859,664	\$1,378,314	\$1,917,583	\$2,453,052	\$3,000,552	\$3,492,879	\$3,972,466	\$4,408,335	\$24,217,517	9
10	Monthly Average	(9) / 12	\$56,972	\$56,972	\$56,972	\$56,972	\$71,639	\$114,859	\$159,799	\$204,421	\$250,046	\$291,073	\$331,039	\$367,361	\$2,018,126	10
11 12 13	LNG Inventory Balance Cost of Capital Return on Working Capital Requirement	GLB 2 pg 17 Docket 3943 (11) x (12)	\$8,533,502 9.19% \$784,238	\$8,494,526 9.19% \$780,656	\$7,816,813 9.19% \$718,374	\$6,621,484 9.19% \$608,522	\$6,366,554 9.19% \$585,093	\$6,530,262 9.19% \$600,138	\$6,763,410 9.19% \$621,565	\$6,988,075 9.19% \$642,212	\$7,451,871 9.19% \$684,835	\$7,922,299 9.19% \$728,068	\$8,256,487 9.19% \$758,780	\$8,310,797 9.19% \$763,772	\$8,276,254	11 12 13
14 15	Weighted Cost of Debt Interest Charges Financed	Docket 3943 (11) x (14)	3.70% \$316,035	3.70% \$314,592	3.70% \$289,493	3.70% \$245,224	3.70% \$235,783	3.70% \$241,846	3.70% \$250,480	3.70% \$258,801	3.70% \$275,977	3.70% \$293,399	3.70% \$305,776	3.70% \$307,787	\$3,335,193	14 15
16 17 18	1 - Combined Tax Rate	(13) - (15) Docket 3943 (16) / (17)	\$468,203 0.6500 \$720,313	\$466,065 0.6500 \$717,023	\$428,881 0.6500 \$659,817	\$363,298 0.6500 \$558,919	\$349,311 0.6500 \$537,401	\$358,293 0.6500 \$551,219	\$371,085 0.6500 \$570,899	\$383,411 0.6500 \$589,863	\$408,858 0.6500 \$629,012	\$434,669 0.6500 \$668,721	\$453,005 0.6500 \$696,930	\$455,984 0.6500 \$701,514	\$7,601,634	16 17 18
19	Working Capital Requirement	(15) + (18)	\$1,036,348	\$1,031,614	\$949,310	\$804,144	\$773,184	\$793,065	\$821,380	\$848,664	\$904,990	\$962,121	\$1,002,706	\$1,009,302	\$10,936,826	19
20	Monthly Average	(19) / 12	\$86,362	\$85,968	\$79,109	\$67,012	\$64,432	\$66,089	\$68,448	\$70,722	\$75,416	\$80,177	\$83,559	\$84,108	\$911,402	20
21	System Balancing Factor	Docket 3943	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%	16.80%		21
22	Balancing Related Inventory Costs	(20) x (21)	\$14,509	\$14,443	\$13,290	\$11,258	\$10,825	\$11,103	\$11,499	\$11,881	\$12,670	\$13,470	\$14,038	\$14,130	\$153,116	22
23	Supply Related Inventory Costs	(21) - (22)	\$71,853	\$71,525	\$65,819	\$55,754	\$53,607	\$54,986	\$56,949	\$58,841	\$62,746	\$66,707	\$69,521	\$69,978	\$758,287	23

ianu	- Gas				With	Docket No. 394 Forecasted 1	ecovery (GCR) 3 Factors and F hroughput (Dth) 08 - October 200	)						Docket October Pa
Line <u>No.</u>	<u>Rate Class</u> (a)	<u>Dec-08</u> (c)	<u>Jan-09</u> (d)	<u>Feb-09</u> (e)	<u>Mar-09</u> (f)	<u>Apr-09</u> (g)	<u>May-09</u> (h)	<u>Jun-09</u> (i)	<u>Jul-09</u> (j)	<u>Aug-09</u> (k)	<u>Sep-09</u> (I)	<u>Oct-09</u> (m)	Total Dec-Oct (o)	Line <u>No.</u>
1	SALES (dth)													1
2	Residential Non-Heating	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332	2
3	Residential Heating	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407	3
4	Small C&I	282,121	396,526	444,457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886	4
5	Medium C&I	472,365	619,681	671,008	618,530	460,648	279,414	185,397	122,539	111,145	127,788	150,757	3,819,273	5
6	Large LLF	169,793	209,138	232,216	215,097	140,996	84,686	38,956	25,178	18,855	23,437	40,125	1,198,477	6
7	Large HLF	48,942	54,171	50,012	52,677	48,279	38,190	35,790	28,262	22,706	32,740	32,166	443,935	7
8	Extra Large LLF	22,393	24,636	22,118	21,583	11,875	8,039	3,071	1,219	1,803	2,303	6,172	125,212	8
9	Extra Large HLF	23,490	23,745	28,677	25,765	26,264	23,255	18,702	18,472	23,167	17,762	20,614	249,912	9
10	Total Sales	3,237,563	4,307,201	4,579,592	4,201,508	3,173,214	1,830,600	1,142,202	753,365	633,220	734,503	875,466	25,468,433	10
11	FT-2 TRANSPORTATION													11
12	FT-2 Medium	55,521	77,418	75,928	74,002	58,092	40,443	29,827	21,960	18,443	21,389	21,920	494,943	12
13	FT-2 Large LLF	34,439	54,435	52,059	44,823	32,688	20,161	12,984	3,728	3,424	4,444	8,515	271,700	13
	FT-2 Large HLF	8,926	10,155	8,445	10,479	8,460	7,213	6,145	4,855	4,340	6,129	5,414	80,560	
	FT-2 Extra Large LLF	2,607	3,722	2,667	1,456	753	90	24	6	6	7	957	12,296	
	FT-2 Extra Large HLF	2,322	1,648	2,218	2,038	1,910	1,393	993	893	811	934	1,336	16,496	
17	Total Transportation	103,814	147,377	141,316	132,799	101,904	69,299	49,972	31,443	27,024	32,903	38,143	875,995	17
	Sales & FT-2 THROUGHP													18
19	Residential Non-Heating	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332	
	Residential Heating	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407	20
21	Small C&I	282,121	396,526	444,457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886	
		527,886	697,099	746,935	692,533	518,741	319,856	215,223	144,500	129,588	149,177	172,678	4,314,216	
	Large LLF	204,231	263,573	284,275	259,921	173,684	104,847	51,940	28,906	22,279	27,881	48,641	1,470,177	
	Large HLF	57,868	64,326	58,457	63,156	56,738	45,402	41,935	33,117	27,045	38,869	37,580	524,495	
	Extra Large LLF Extra Large HLF	25,000 25,812	28,358	24,785 30,895	23,039	12,629 28,174	8,129 24.648	3,095	1,226 19,364	1,810 23,978	2,309	7,129 21,950	137,508 266,408	
	Total Throughput	3,341,377	25,393 4,454,578	4,720,908	27,803 4,334,306	3,275,117	1,899,899	19,695 1,192,174	784,808	660,245	18,696 767,406	913,609	26,344,428	
28	FT-1 TRANSPORTATION													28
	FT-1 Medium	103,742	91,696	100,390	83,737	55,538	32,113	28,661	21,618	21,065	26,819	31,520	596,899	
	FT-1 Large LLF	169,977	184,530	172,315	164,311	99,864	43,799	27,007	18,071	17,338	20,019	46,119	967,385	
	FT-1 Large HLF	45,360	43,504	46,133	49,882	39,937	36,236	38,929	29,900	30,746	33,276	26,727	420,630	
	FT-1 Extra Large LLF	139,238	170,985	169,585	154,078	100,128	56,768	32,333	28,528	29,989	31,050	55,225	967,909	
	FT-1 Extra Large HLF	410,726	449,955	431,337	442,530	405,570	360,300	338,079	346,006	357,328	369,273	367,053	4,278,157	
	Total Transportation	869,044	940,670	919,760	894,538	701,037	529,217	465,009	444,124	456,466	484,472	526,644	7,230,979	-
35	Total THROUGHPUT													35
36	Residential Non-Heating	56,687	64,564	60,105	57,950	55,372	49,800	44,033	36,650	30,092	34,613	33,466	523,332	
37	Residential Heating	2,161,773	2,914,739	3,070,998	2,808,834	2,148,904	1,211,919	734,882	469,333	378,980	444,060	528,984	16,873,407	37
	Small C&I	282,121	396,526	444,457	401,070	280,876	135,298	81,371	51,712	46,472	51,801	63,181	2,234,886	
	Medium C&I	631,629	788,795	847,326	776,269	574,278	351,970	243,885	166,117	150,652	175,996	204,197	4,911,114	39
	Large LLF	374,209	448,103	456,590	424,232	273,548	148,646	78,946	46,977	39,617	51,935	94,760	2,437,562	
	Large HLF	103,228	107,830	104,590	113,038	96,675	81,639	80,864	63,018	57,791	72,145	64,307	945,124	40
	Extra Large LLF	164,238	199,344	194,370	177,116	112,756	64,897	35,429	29,754	31,799	33,359	62,354	1,105,416	
-14	0		,	462,232	470,334	433,744	384,949	357,774	365,370	381,306	387,969	389,003	4,544,565	
43	Extra Large HLF	436,538	475,348											

National Grid

Updated Attachment PCC -7

and - Gas	Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal Design Winter Period Throughput (Dth)										
Line <u>No.</u>		<u>Nov-08</u> (b)	<u>Dec-08</u> (c)	<u>Jan-09</u> (d)	<u>Feb-09</u> (e)	<u>Mar-09</u> (f)	<u>Total</u> (h)	<u>%</u> (i)	Line <u>No.</u>		
1	SALES (dth)								1		
2	Residential Non-Heating Residential Heating	46,372	58,250	72,994 3,594,591	64,276 3,453,404	64,050	305,942	1.49% 67.20%			
3	•	1,142,336	2,289,716			3,354,765	13,834,811				
4	Small C&I	131,132	299,292	491,413	501,383	481,389	1,904,609	9.25%			
5	Medium C&I	268,394	497,928	754,608	750,283	731,485	3,002,699	14.58%			
6	Large LLF	91,605	180,660	259,794	262,663	259,434	1,054,154	5.12%			
7	Large HLF	39,231	50,456	61,414	53,524	58,758	263,383	1.28%			
8	Extra Large LLF	7,874	22,393	24,636	22,118	21,583	98,603	0.48%			
9	Extra Large HLF	22,991	23,490	23,745	28,677	25,765	124,667	<u>0.61%</u>	9		
10	Total Sales	1,749,934	3,422,185	5,283,194	5,136,327	4,997,229	20,588,869	100.00%	10		
11	FT-2 TRANSPORTATION								11		
12	FT-2 Medium	35,318	57,993	92,782	84,077	86,285	356,455		12		
13	FT-2 Large LLF	16,003	36,780	68,621	59,070	54,482	234,957		13		
14	FT-2 Large HLF	6,453	9,146	11,301	8,910	11,607	47,417		14		
15	FT-2 Extra Large LLF	1,735	2,607	3,722	2,667	1,456	12,187		15		
16	FT-2 Extra Large HLF	544	2,322	1,648	2,218	2,038	8,770		16		
17	Total Transportation	60,053	108,848	178,075	156,942	155,868	659,786		17		
18	Sales & FT-2 THROUGHF	<u>TUT</u>							18		
19	Residential Non-Heating	46,372	58,250	72,994	64,276	64,050	305,942	1.44%	19		
20	Residential Heating	1,142,336	2,289,716	3,594,591	3,453,404	3,354,765	13,834,811	65.11%	20		
21	Small C&I	131,132	299,292	491,413	501,383	481,389	1,904,609	8.96%	21		
22	Medium C&I	303,712	555,922	847,390	834,360	817,770	3,359,154	15.81%	22		
23	Large LLF	107,608	217,440	328,414	321,733	313,916	1,289,111	6.07%	23		
24	-	45,684	59,601	72,716	62,434	70,365	310,800	1.46%	24		
25	Extra Large LLF	9,609	25,000	28,358	24,785	23,039	110,790	0.52%	25		
26	Extra Large HLF	23,535	25,812	25,393	30,895	27,803	133,438	<u>0.63%</u>	26		
27	Total Throughput	1,809,987	3,531,033	5,461,269	5,293,269	5,153,097	21,248,655	100.00%	27		

Updated Attachment PCC-7 Docket No. 3982 October 31, 2008 Page No. 14

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal December 2008 - October 2009

#### Summary of Marketer Transportation Factors

Item	Reference	Proposed	Billing Units
FT-2 Firm Transportation Marketer Gas Charge	pg 15	\$0.0415	Therms throughput of Marketer Pool
Pool Balancing Charge	pg 16	\$0.0024	Per % of balancing elected per Therm throughput of Marketer Pool
Weighted Average Upstream Pipeline Transportation Cost	GLB - 5	\$0.0944	Per Therm of capacity

## Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal December 2008 - October 2009

Updated Attachment PCC-7 Docket No. 3982 October 31, 2008 Page No. 15

#### Calculation of FT-2 Marketer Gas Charge

#### I. Determination of FT-2 Storage Fixed Cost Factor

1 2 3 4 5 6	Allocated Storage Fixed Costs C & I Medium C & I Large LLF C & I Large HLF C & I Extra Large LLF C & I Extra Large HLF	reference PCC 7, pg 3 PCC 7, pg 3 PCC 7, pg 3 PCC 7, pg 3 PCC 7, pg 3	\$1,264,804 \$485,382 \$117,024 \$41,715 <u>\$50,243</u>
7	sub-total	sum ([1]:[6])	\$1,959,168
8	Through-put (dth)	PCC 7, pg 12	6,712,803
9	Storage Fixed Factor	[7] / [8]	\$0.2919
II. St	orage Variable Cost Factor	PCC 7, pg 1	\$0.1130
тот	AL FT-2 Gas Marketer Charge (per Dth)		\$0.4049
	Uncollectible %	Dkt 3943	2.46%
тот	AL FT-2 Gas Marketer Charge adj for uncolle	ctible (\$/dth)	\$0.4151

#### Gas Cost Recovery (GCR) With Docket No. 3943 Factors and Proposal December 2008 - October 2009

Calculation of Pool Balancing Charge

		reference	Medium <u>C&amp;I</u>	Large <u>LLF</u>	Large <u>HLF</u>	Extra Large <u>LLF</u>	Extra Large <u>HLF</u>	<u>Total</u>
1	Throughput (dth)	PCC - 7, pg 12	4,314,216	1,470,177	524,495	137,508	266,408	6,712,803
2	% allocation		64.27%	21.90%	7.81%	2.05%	3.97%	100.00%
3	Supply Fixed Cost Factor	PCC - 7, pg 1	\$0.7787	\$0.7787	\$0.5412	\$0.7787	\$0.5412	
4	Storage Fixed Cost Factor	PCC - 7, pg 1	\$0.3084	\$0.3084	\$0.2149	\$0.3084	\$0.2149	
5	Storage Variable Cost Factor	PCC - 7, pg 1	\$1.3317	\$1.3317	\$1.3317	\$1.3317	\$1.3317	
6	Class Specific Pool Balancing Charge	([3]+[4]+[5]) x 1%	\$0.0242	\$0.0242	\$0.0209	\$0.0242	\$0.0209	
7	Class Specific Weighted Average ( \$/dth )	[6] x [2]	\$0.0155	\$0.0053	\$0.0016	\$0.0005	\$0.0008	\$0.0238
8	Uncollectible %	Docket 3943	2.46%	2.46%	2.46%	2.46%	2.46%	
9	Pool Balancing Charge adjusted for Uncollectible	([7] / (1-[8])	\$0.0159	\$0.0054	\$0.0017	\$0.0005	\$0.0008	\$0.0243
10	Per Therm Pool Balancing Charge	[9] / 10					Γ	\$0.0024

# SUPPLEMENTAL TESTIMONY

OF

GARY L. BELAND

October 31, 2008

# **INTRODUCTION**

1	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
2	A.	My name is Gary L. Beland. My business address is 280 Melrose St, Providence,
3		Rhode Island 02907.
4	Q.	WHAT IS YOUR POSITION AND RESPONSIBILITIES?
5	А.	I am Manager of Gas Supply Regulatory for National Grid (Company). My
6		responsibilities include various projects and filings concerning gas supply regulatory
7		matters.
8	Q.	WHAT IS THE PURPOSE OF YOUR TESTIMONY?
9	A.	The company wishes to update the testimony and exhibits filed to reflect changes in the

- 10 natural gas prices and other gas cost information in the September 2, 2008 Gas Cost
- 11 Recovery Filing.

# 12 Q. WHAT EXHIBITS ARE BEING UPDATED?

13 A. Exhibits GLB-1, GLB-2, GLB-3 and GLB-5.

14	Updated GLB-1	Summary of Projected Gas Costs
15	Updated GLB-2	Gas Cost Details - CONFIDENTIAL Information Redacted
16	Updated GLB-3	Comparison of Locked Prices and NYMEX Strip
17	Updated GLB-5	Assignment of Pipeline Capacity – CONFIDENTIAL
18		Information Redacted

#### 1 Q. WHAT INFORMATION HAS BEEN UPDATED?

2 The most important item updated in this filing is the NYMEX strip. The September 2, A. 3 2008 filing was based on the August 18, 2008 strip while this filing uses prices from the 4 October 17, 2008 NYMEX strip. Updated Exhibit GLB-3 provides a graphical 5 comparison of the NYMEX closing prices on those days in addition to a comparison of the average unit cost by month of the hedge prices. In this filing the Company has 6 7 updated the hedges to include all hedging activity through October 17, 2008. By 8 updating hedges through October, 17 2008, the Company has included all of the 9 accelerated hedges which were the subject of the Company's letter to the Commission 10 on October 9, 2008.

11 The Company has also updated its estimate of costs to reflect the initial, preliminary 12 results of negotiation to obtain a contract for firm LNG liquid to replace the expiring 13 Firm Liquid Service contract with Distrigas of Massachusetts.

## 14 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

15 A. Yes, it does.

#### SUMMARY OF ESTIMATED GAS COSTS FOR 2009 GCR Estimate

\_

10/17/2008 NYMEX													
Variable Costs													GCR
	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	TOTAL
Total Pipeline Supply Costs	\$23,209,041	\$33,605,631	\$36,973,492	\$30,945,041	\$28,673,231	\$16,626,277	\$9,026,008	\$5,886,015	\$5,188,219	\$5,512,945	\$6,024,822	\$11,719,715	\$213,390,438
Total Storage Product Costs	\$74,045	\$6,631,232	\$11,478,847	\$10,770,664	\$5,135,342	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,090,131
Total Storage Delivery Costs	\$8,690	\$373,021	\$639,233	\$594,397	\$276,791	\$1,189	\$0	\$0	\$0	\$0	\$0	\$0	\$1,893,321
Total LNG Costs	\$196,029	\$358,851	\$1,112,712	\$1,517,738	\$254,929	\$196,772	\$201,339	\$192,821	\$197,620	\$197,104	\$190,467	\$196,291	\$4,812,672
Total All Variable Gas Costs	\$23,487,805	\$40,968,735	\$50,204,284	\$43,827,840	\$34,340,293	\$16,824,238	\$9,227,347	\$6,078,836	\$5,385,839	\$5,710,049	\$6,215,289	\$11,916,006	\$254,186,562
Fixed Costs													
TOTAL PIPELINE DEMANDS	\$2,614,313	\$2,614,461	\$2,612,887	\$2,611,116	\$2,613,184	\$2,612,076	\$2,613,184	\$2,612,076	\$2,613,184	\$2,613,184	\$2,612,076	\$2,613,184	\$31,354,926
TOTAL SUPPLIER DEMANDS	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$3,624,000
TOTAL STORAGE FACILITIES	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$4,639,845
TOTAL STORAGE DELIVERY	\$385,078	\$480,078	\$480,078	\$480,078	\$385,078	\$361,739	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$4,698,272
Total All Fixed Costs	\$3,688,045	\$3,783,193	\$3,781,619	\$3,779,848	\$3,686,916	\$3,662,469	\$3,656,195	\$3,655,087	\$3,656,195	\$3,656,195	\$3,655,087	\$3,656,195	\$44,317,043
Capacity Release Credits	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$951,057	\$11,412,686
Net Fixed Costs	\$2,736,987	\$2,832,136	\$2,830,562	\$2,828,791	\$2,735,859	\$2,711,412	\$2,705,138	\$2,704,029	\$2,705,138	\$2,705,138	\$2,704,029	\$2,705,138	\$32,904,356
Total All Gas Costs	\$26,224,792	\$43,800,871	\$53,034,846	\$46,656,632	\$37,076,152	\$19,535,650	\$11,932,485	\$8,782,865	\$8,090,976	\$8,415,187	\$8,919,318	\$14,621,144	\$287,090,918

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENA	RIO		Energy Associ ENDOUT Ve Report 13	rsion 9.0.2 RI	Page 1 EP013 20-Oct 11:37:23	-2008							
	Natural Gas Supply	VS. Requiremen	ts	Unit	s: MDT								
	NOV 2008	DEC 2008	JAN 2009	FEB 2009	MAR 2009	APR 2009	MAY 2009	JUN 2009	JUL 2009	AUG 2009	SEP 2009	OCT 2009	Total/Average
Forecast Demand	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	
RI Sales GCR	2,622,717	4,241,840	5,044,293	4,438,288	3,632,328	2,108,674	1,232,306	831,637	745,208	776,452	801,792	1,460,795	27,936,330
Total Demand	2,622,717	4,241,840	5,044,293	4,438,288	3,632,328	2,108,674	1,232,306	831,637	745,208	776,452	801,792	1,460,795	27,936,330
Storage Injections													
TENN_8995	0	0	0	0	0	14,700	21,840	26,460	26,250	26,250	26,250	26,250	168,000
TENN_501	0	0	0	0	0	48,938	77,500	75,000	124,000	74,599	60,534	54,481	515,052
GSS 600045	0	0	0	0	0	150,000	137,632	137,632	137,632	137,632	137,632	123,869	962,029
GSS 300171	0	0	0	0	0	30,418	32,519	31,470	18,881	18,881	18,881	16,993	168,043
GSS 300169	0	0	0	0	0	42,050	31,000	30,000	20,610	20,610	20,610	18,549	183,429
GSS 300168	0	0	0	0	0	16,025	31,000	30,000	15,405	15,405	15,405	13,865	137,105
GSS 300170	0	0	0	0	0	60,000	62,000	60,000	62,000	49,034	49,034	44,131	386,199
TETCO_400221	0	0	0	0	0	120,000	124,000	120,000	118,804	118,804	118,804	106,923	827,335
TETCO_400515	0	0	0	0	0	8,730	5,664	5,664	5,664	5,664	5,664	5,098	42,148
TETCO 400185	0	0	0	0	0	10,918	5,199	5,199	5,199	5,199	5,199	4,679	41,592
COL FS 38010	0	0	0	0	0	24,000	24,800	24,000	20,396	20,396	20,396	18,356	152,344
Total Underground Storage	0	0	0	0	0	525,779	553,154	545,425	554,841	492,474	478,409	433,194	3,583,276
LNG EXETER	13,000	0	0	0	0	60,852	0	0	59,400	28,520	31,220	3,100	196,092
LNG PROV	15,000	0	0	0	0	20,148	83,700	80,150	24,300	28,500	15,500	15,500	282,798
LNG VALLEY	2,700	1,672	0	0	0	0	0	850	0	26,680	2,700	2,790	37,392
Total LNG Injection	30,700	1,672	0	0	0	81,000	83,700	81,000	83,700	83,700	49,420	21,390	516,282
Total Injections	30,700	1,672	0	0	0	606,779	636,854	626,425	638,541	576,174	527,829	454,584	4,099,558
Delivered Firm Sales Supply	,												
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	GCR Total
Sources of Supply													
TENN_ZONE_0	282,960	292,392	292,392	264,096	292,392	282,960	292,392	282,960	277,424	232,780	282,960	292,392	3,368,100
TENN_ZONE_1	0	325,899	324,444	247,244	178,963	0	0	0	0	0	0	0	1,076,550
TENN_DRACUT	29,700	30,690	58,239	27,720	30,690	450,000	221,438	0	0	5,521	0	333,011	1,187,009
TENN_CONX	348,000	359,600	359,600	324,800	359,600	348,000	359,600	348,000	359,600	359,600	348,000	359,600	4,234,000
TETCO_STX	274,620	283,774	283,774	256,312	283,774	274,620	283,774	274,620	283,774	283,774	274,620	283,774	3,341,210
TETCO_ELA	0	44,160	44,536	32,378	2,760	0	0	0	0	0	0	0	123,834
TETCO_WLA	16,919	266,745	260,921	212,687	189,248	0	0	0	0	0	0	0	946,520
TETCO_ETX	296,580	306,466	306,466	276,808	306,466	296,580	306,466	296,580	306,466	306,466	296,580	306,466	3,608,390
TETCO - NF	0	7,056	13,230	9,702	0	0	0	0	0	0	0	0	29,988
HUBLINE	0	20,649	56,135	1,402	0	240,000	244,601	100,203	0	8,000	6,946	248,000	925,936
M3_DELIVERED	0	39,545	93,149	64,771	0	0	0	0	0	0	0	0	197,465
MAUMEE_SUPP	843,853	888,899	892,631	779,500	819,985	444,564	16,800	13,600	8,396	10,396	12,396	4,000	4,735,020
BROADRUN_COL	286,172	289,172	296,040	266,436	296,040	142,677	8,000	10,400	12,000	10,000	8,000	14,356	1,639,293
COLUMBIA TO AGT	0	25,970	71,855	61,098	0	0	0	0	0	0	0	0	158,923
TRAN WHART	0	0	0	0	0	0	0	0	0	0	0	0	0
TETCO B&W	12,432	12,846	26,936	18,648	12,846	0	0	0	0	0	0	0	83,708
DOM TET FTS	0	14,648	41,334	32,958	0	0	0	0	0	0	0	0	88,940
TETCO DOM (B&W)	0	0	0	0	0	0	0	0	0	0	0	0	0
ANE II - AECO-TENN NIAGARA	30,000 14,000	31,000 31,000	31,000 31,000	28,000 28,000	31,000 30,000	30,000 30,000	31,000 0	30,000 0	31,000 0	31,000 0	30,000 0	31,000 0	365,000 164,000

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCEN	ARIO		Energy Associ ENDOUT Ve Report 13	rsion 9.0.2 RI	Page 1 EP013 20-Oct 11:37:23	t-2008							
	Natural Gas Supply	VS. Requiremen	ts	Unit	s: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
NEWPORT_LNG	0	680	2,575	1,400	0	0	0	0	0	0	0	0	4,655
DIST FCS VAP	158,382	236,096	236,096	213,248	231,827	74,352	0	0	0	0	0	0	1,150,001
DIST FCS LIQ	30,700	1,672	0	0	0	44,719	53,700	51,000	53,700	53,700	49,419	21,390	360,000
DISTRI FLS	0	30,000	40,000	30,000	0	0	0	0	0	0	0	0	100,000
SPOT LNG									20,000	20,000	10,000	6,281	56,281
Non LNG Liquid take	2,593,618	3,506,607	3,719,778	3,145,808	3,065,591	2,613,753	1,764,071	1,356,363	1,278,660	1,247,537	1,259,502	1,872,599	27,423,887
LNG Liquid take	30,700	32,352	42,575	31,400	0	44,719	53,700	51,000	53,700	53,700	49,419	21,390	464,655
Total take	2,624,318	3,538,959	3,762,353	3,177,208	3,065,591	2,658,472	1,817,771	1,407,363	1,332,360	1,301,237	1,308,921	1,893,989	27,888,542
Storage Withdrawals													
TENN_8995	8,400	22,785	75,915	60,900	0	0	0	0	0	0	0	0	168,000
TENN_501	0	131,936	131,936	119,168	131,936	0	0	0	0	0	0	0	514,976
GSS 600045	0	209,015	292,237	263,956	196,824	0	0	0	0	0	0	0	962,032
GSS 300171	0	24,047	69,768	71,485	3,371	0	0	0	0	0	0	0	168,671
GSS 300169	0	31,520	59,015	56,980	36,119	0	0	0	0	0	0	0	183,634
GSS 300168	0	26,223	42,873	38,724	29,937	0	0	0	0	0	0	0	137,757
GSS 300170	0	55,317	146,466	147,168	37,424	0	0	0	0	0	0	0	386,375
TETCO_400221	0	157,728	308,889	285,129	75,587	0	0	0	0	0	0	0	827,333
TETCO_400515	0	11,328	14,726	13,594	2,492	0	0	0	0	0	0	0	42,140
TETCO 400185	0	9,705	13,517	12,478	5,834	0	0	0	0	0	0	0	41,534
COL FS 38010	0	17,591	51,522	62,825	20,396	0	0	0	0	0	0	0	152,334
LNG EXETER	3,000	14,169	21,883	117,948	7,692	3,000	3,100	3,000	3,100	3,100	3,000	3,100	186,092
LNG PROV	15,000	20,400	87,600	37,200	15,600	15,000	15,500	15,000	15,500	15,500	15,000	15,500	282,800
LNG VALLEY	2,700	2,790	5,590	3,526	3,526	2,700	2,790	2,700	2,790	2,790	2,700	2,790	37,392
Total Withdrawal Delivered	29,100	734,554	1,321,937	1,291,081	566,738	20,700	21,390	20,700	21,390	21,390	20,700	21,390	4,091,070
Total Storage withdrawal	8,400	697,195	1,206,864	1,132,407	539,920	0	0	0	0	0	0	0	3,584,786
Total Peaking withdrawal	20,700	37,359	115,073	158,674	26,818	20,700	21,390	20,700	21,390	21,390	20,700	21,390	506,284
Total Supply	2,622,718	4,241,161	5,041,715	4,436,889	3,632,329	2,634,453	1,785,461	1,377,063	1,300,050	1,268,927	1,280,202	1,893,989	31,514,957
Storage withdrawals at Stora	age Facilty												
TENN_8995	8,586	23,290	77,599	62,251	0	0	171,726						
TENN_501	0,000	134,863	134,863	121,811	134,863	0	526,399						
GSS 600045	0	222,191	310,659	280,595	209,231	Ő	1,022,677						
GSS 300171	0	25,563	74,166	75,991	3,584	Ő	179,304						
GSS 300169	Ő	33,507	62,735	60,572	38,396	Ő	195,210						
GSS 300168	0	27,525	45,002	40,647	31,423	0	144,596						
GSS 300170	0	58,063	153,738	154,475	39,282	0	405,558						
TETCO 400221	0	165,663	324,429	299,474	79,390	0	868,956						
TETCO 400515	0	11,997	15,596	14,397	2,639	0	44,630						
TETCO 400185	0	10,193	14,197	13,106	6,128	0	43.624						
	-	10,000	50,004	05,000	04,440	-	457,000						

18,206

731,062

53,324

1,266,308

65,023

1,188,342

21,110

566,045

0

0

157,663

3,760,343

0

8,586

COL FS 38010

Updated Attachment GLB-2 Docket No. 3892 Page 3 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENA	RIO		Energy Associ ENDOUT Ve Report 13	rsion 9.0.2 RI	Page 1 EP013 20-Oct 11:37:23	t-2008							
	Natural Gas Supply	VS. Requirement	S	Unit	ts: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
	2008 NOV	DEC	2009 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	
10/17/2008 NYMEX	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519	
TENNESSEE ZN 0													
Basis	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	
usage	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	
fuel	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	
Total Delivered	\$6.9707	\$7.2883	\$7.5403	\$7.6005	\$7.4636	\$7.2053	\$7.2377	\$7.3403	\$7.4591	\$7.5487	\$7.5811	\$7.6676	
TENNESSEE ZN 1													
Basis	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	
usage to Zn 6	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	
fuel to Zn 6	7.82%	7.82%	7.82%	7.82%	7.82%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	
Total Delivered	\$7.4434	\$7.7580	\$8.0075	\$8.0671	\$7.9315	\$7.6803	\$7.7125	\$7.8143	\$7.9321	\$8.0211	\$8.0532	\$8.1389	
TENNESSEE CONNEXION													
Basis	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	
usage to Zn 6	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
fuel to Zn 6	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	
Total Delivered	\$6.8080	\$7.1256	\$7.3776	\$7.4378	\$7.3009	\$7.0426	\$7.0750	\$7.1776	\$7.2964	\$7.3860	\$7.4184	\$7.5049	
TENNESSEE DRACUT													
Basis	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	
usage	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	
fuel	0.89%	0.89%	0.89%	0.89%	0.89%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	
Total Delivered	\$8.4265	\$8.7191	\$8.9512	\$9.0067	\$8.8805	\$7.4549	\$7.4852	\$7.5810	\$7.6919	\$7.7756	\$7.8059	\$7.8866	
TETCO STX													
Basis	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	(\$0.662)	
Usage to M3	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel to M3	7.62%	8.74%	8.74%	8.74%	8.74%	7.62%	7.62%	7.62%	7.62%	7.62%	7.62%	7.62%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$6.7221	\$7.1748	\$7.4302	\$7.4913	\$7.3525	\$7.0542	\$7.0869	\$7.1904	\$7.3102	\$7.4006	\$7.4333	\$7.5204	
TETCO WLA													
Basis	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	
Usage to M3	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel to M3	7.00%	7.93%	7.93%	7.93%	7.93%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$7.2683	\$7.7131	\$7.9663	\$8.0268	\$7.8892	\$7.5983	\$7.6307	\$7.7335	\$7.8525	\$7.9423	\$7.9748	\$8.0613	
TETCO ELA													
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	
	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	(\$0.051) \$0.0389	
Usage to M3	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389 \$0.0131	
Usage on AGT Fuel to M3									\$0.0131 6.74%				
	6.74%	7.57%	7.57%	7.57%	7.57%	6.74%	6.74%	6.74%		6.74%	6.74%	6.74%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61% ©7.7922	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$7.3183	\$7.7545	\$8.0067	\$8.0670	\$7.9300	\$7.6474	\$7.6797	\$7.7822	\$7.9009	\$7.9904	\$8.0228	\$8.1091	

Updated Attachment GLB-2 Docket No. 3892 Page 4 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCEN	IARIO		Energy Associ ENDOUT Ve Report 13	rsion 9.0.2 RI	Page 1 EP013 20-Oc 11:37:23	t-2008							
	Natural Gas Supply	VS. Requirement	ts	Unit	s: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
ΤΕΤCΟ ΕΤΧ													
Basis	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	
Usage to M3	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel to M3	6.74%	7.57%	7.57%	7.57%	7.57%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$6.6947	\$7.1208	\$7.3730	\$7.4333	\$7.2962	\$7.0238	\$7.0561	\$7.1586	\$7.2773	\$7.3669	\$7.3992	\$7.4855	
TETCO TO NF													
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	
Usage to M2	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	
Usage on NF	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	\$0.0088	
Usage on Transco	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	
Usage on AGT Fuel to M2	\$0.0131 3.55%	\$0.0131 4.03%	\$0.0131 4.03%	\$0.0131 4.03%	\$0.0131 4.03%	\$0.0131 3.55%							
Fuel on NF	3.55% 1.40%	4.03%	4.03%	4.03%	4.03%	3.55% 1.40%	3.55% 1.40%	3.55% 1.40%	3.55% 1.40%	3.55% 1.40%	3.55% 1.40%	1.40%	
Fuel on Transco	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Delivered to NF	\$7.2791	\$7.6162	\$7.8559	\$7.9132	\$7.7829	\$7.5953	\$7.6264	\$7.7249	\$7.8390	\$7.9250	\$7.9561	\$8.0391	
Delivered to Transco	\$7.3912	\$7.7331	\$7.9762	\$8.0343	\$7.9022	\$7.7120	\$7.7435	\$7.8434	\$7.9591	\$8.0463	\$8.0779	\$8.1620	
Delivered to Algonquin	\$7.4508	\$7.7951	\$8.0400	\$8.0985	\$7.9655	\$7.7738	\$7.8056	\$7.9062	\$8.0227	\$8.1106	\$8.1424	\$8.2271	
Total Delivered	\$7.5096	\$7.9125	\$8.1606	\$8.2199	\$8.0851	\$7.8346	\$7.8666	\$7.9678	\$8.0851	\$8.1735	\$8.2055	\$8.2907	
M3 DELIVERED													
Basis	\$1.203	\$1.203	\$1.203	\$1.203	\$1.203	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$8.0511	\$8.4028	\$8.6359	\$8.6917	\$8.5650	\$7.7744	\$7.8046	\$7.9002	\$8.0109	\$8.0944	\$8.1246	\$8.2051	
MAUMEE SUPPLY Basis	\$0.327	¢0.007	\$0.327	\$0.327	¢0.227	¢0.227	¢0.227	\$0.327	\$0.327	\$0.327	¢0 227	¢0 207	
Usage on Columbia	\$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	\$0.327 \$0.0195	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0133	\$0.0133	\$0.0131	\$0.0131	\$0.0133	\$0.0133	\$0.0133	\$0.0131	
Fuel on Columbia	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$7.3469	\$7.7000	\$7.9382	\$7.9952	\$7.8657	\$7.6606	\$7.6914	\$7.7891	\$7.9022	\$7.9875	\$8.0184	\$8.1007	
BROADRUN COLUMBIA													
BRUADRUN COLUMBIA Basis	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	
Usage on Columbia	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel on Columbia	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$7.3469	\$7.7000	\$7.9382	\$7.9952	\$7.8657	\$7.6606	\$7.6914	\$7.7891	\$7.9022	\$7.9875	\$8.0184	\$8.1007	

Updated Attachment GLB-2 Docket No. 3892 Page 5 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENA	RIO		Energy Associ ENDOUT Ve Report 13	rsion 9.0.2 RI	Page 1 EP013 20-Oct 11:37:23	t-2008							
	Natural Gas Supply	VS. Requirement	s	Unit	s: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
COLUMBIA TO AGT													
Basis	\$1.237	\$1.237	\$1.237	\$1.237	\$1.237	\$0.614	\$0.614	\$0.614	\$0.614	\$0.614	\$0.614	\$0.614	
Usage on Columbia	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	\$0.0195	
Usage on AGT	\$0.0131 2.15%	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel on Columbia Fuel on AGT	2.15% 0.61%	2.15% 1.32%	2.15% 1.32%	2.15% 1.32%	2.15% 1.32%	2.15% 0.61%	2.15% 0.61%	2.15% 0.61%	2.15% 0.61%	2.15% 0.61%	2.15% 0.61%	2.15% 0.61%	
Total Delivered	\$8.2827	\$8.6425	\$8.8807	\$8.9377	\$8.8082	\$7.9557	\$7.9865	\$8.0842	\$8.1973	\$8.2827	\$8.3135	\$8.3958	
	ψ0.202 <i>1</i>	ψ0.0423	ψ0.0007	φ0.9377	ψ0.000Z	ψ1.9301	ψ1.9000	ψ0.00 <del>4</del> 2	ψ0.1975	ψ0.2027	ψ0.0100	ψ0.0900	
TETCO to DOMINION TO B 8	w												
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	
Usage on Dominion	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	\$0.0246	
Usage to M2	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	
Usage on Tetco	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	
Usage on AGT	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	
Fuel to M2	3.55%	4.03%	4.03%	4.03%	4.03%	3.55%	3.55%	3.55%	3.55%	3.55%	3.55%	3.55%	
Fuel on Dominion Fuel on Tetco	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	2.85% 1.29%	
Fuel on AGT	0.61%	1.32%	1.29%	1.29%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Delivered to Dominion	\$7.2791	\$7.6162	\$7.8559	\$7.9132	\$7.7829	\$7.5953	\$7.6264	\$7.7249	\$7.8390	\$7.9250	\$7.9561	\$8.0391	
Delivered to Tetco	\$7.5172	\$7.8415	\$8.0882	\$8.1472	\$8.0131	\$7.8200	\$7.8521	\$7.9534	\$8.0708	\$8.1594	\$8.1914	\$8.2768	
Delivered to Algonquin	\$7.6174	\$7.9459	\$8.1958	\$8.2556	\$8.1198	\$7.9241	\$7.9566	\$8.0593	\$8.1782	\$8.2679	\$8.3004	\$8.3869	
Total Delivered	\$7.894	\$8.282	\$8.535	\$8.596	\$8.458	\$8.202	\$8.235	\$8.338	\$8.458	\$8.548	\$8.581	\$8.668	
TRANSCO AT WHARTON													
Basis	\$1.237	\$1.237	\$1.237	\$1.237	\$1.237	\$0.614	\$0.614	\$0.614	\$0.614	\$0.614	\$0.614	\$0.614	
Usage on Transco	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	\$0.0059	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel on Transco	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$8.1498	\$8.5044	\$8.7392	\$8.7953	\$8.6677	\$7.8276	\$7.8580	\$7.9542	\$8.0657	\$8.1498	\$8.1802	\$8.2613	
AECO TO TENNESSEE - AN	EII												
Basis	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	
Transcanada usage	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	
Transcanada pressure chg	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	
Fuel on TCPL	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	
Iroquois usage	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	
NETNE usage	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	\$0.002	
Fuel on Iroquois	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	
Fuel Tenn Total Delivered	1.86% \$5.9621	1.86% \$6.2764	1.86% \$6.5257	1.86% \$6.5854	1.86% \$6.4499	1.86% \$6.2927	1.86% \$6.3252	1.86% \$6.4282	1.86% \$6.5474	1.86% \$6.6374	1.86% \$6.6699	1.86% \$6.7566	
	ψ0.3021	ψ0.2704	ψ0.5257	ψ0.3034	ψ <b>0.</b> <del>11</del> 35	ψ0.2327	ψ0.5252	ψ0.4202	ψ0.5474	ψ0.0374	ψ0.0099	ψ0.7 300	

Updated Attachment GLB-2 Docket No. 3892 Page 6 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENA	RIO		Energy Associa ENDOUT Vei Report 13	rsion 9.0.2 RE	Page 1 EP013 20-Oct 11:37:23	-2008							
	Natural Gas Supply	VS. Requirement	s										
NIAGARA TO TENNESSEE	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
Basis	\$0.361	\$0.361	\$0.361	\$0.361	\$0.361	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	
Tenn usage	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	
Tenn Fuel	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	
Total Delivered	\$7.3678	\$7.6632	\$7.8976	\$7.9537	\$7.8263	\$7.5501	\$7.5807	\$7.6775	\$7.7896	\$7.8742	\$7.9047	\$7.9863	
Tetco to B&W													
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	
usage on Tetco	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	
usage on AGT	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	
fuel to ZN 3	6.74%	7.57%	7.57%	7.57%	7.57%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$7.8946	\$8.3334	\$8.5856	\$8.6459	\$8.5088	\$8.2237	\$8.2560	\$8.3585	\$8.4772	\$8.5667	\$8.5991	\$8.6854	
Dominion to Tetco FTS													
Basis	\$1.24	\$1.24	\$1.24	\$1.24	\$1.24	\$0.61	\$0.61	\$0.61	\$0.61	\$0.61	\$0.61	\$0.61	
usage on Tetco	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	
usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Tetco Fuel	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	
Fuel on AGT	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$8.193	\$8.549	\$8.785	\$8.842	\$8.714	\$7.869	\$7.899	\$7.996	\$8.108	\$8.193	\$8.223	\$8.305	
DISTRIGAS FCS													
Total Delivered	\$6.786												
Hubline													
Basis	\$1.5000	\$1.5000	\$1.5000	\$1.5000	\$1.5000	\$0.2350	\$0.2350	\$0.2350	\$0.2350	\$0.2350	\$0.2350	\$0.2350	
usage	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
fuel	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	
Total Delivered	\$8.350	\$8.704	\$8.937	\$8.993	\$8.866	\$7.384	\$7.414	\$7.510	\$7.621	\$7.704	\$7.734	\$7.815	

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENARIC	)		Energy Assoc SENDOUT Ve Report 1	ersion 9.0.2 R	Page 1 EP013 20-Oc 11:37:23	xt-2008							
Na	atural Gas Supply	VS. Requiremer	nts	Uni	ts: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
Total delivered to the City	Gate Gas Su	pply Costs											
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
Tennessee Zn 0													
Delivered Mmbtu	282,960	292,392	292,392	264,096	292,392	282,960	292,392	282,960	277,424	232,780	282,960	292,392	
Locked Volumes	68,519	270,791	282,960	215,970	110,706	0	0	0	, 0	0	0	0	
NYMEX Volumes	214,441	21,601	9,432	48,126	181,686	282,960	292,392	282,960	277,424	232,780	282,960	292,392	
Locked \$/Mmbtu	\$9.117	\$9.693	\$9.978	\$10.173	\$10.028	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
NYMEX \$/Mmbtu Del	\$6.971	\$7.288	\$7.540	\$7.601	\$7.464	\$7.205	\$7.238	\$7.340	\$7.459	\$7.549	\$7.581	\$7.668	
Deliverd Cost Locked	\$624,712	\$2,624,682	\$2,823,304	\$2,197,076	\$1,110,151	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Delivered Cost Nymex	\$1,494,798	\$157,436	\$71,120	\$365,783	\$1,356,033	\$2,038,800	\$2,116,235	\$2,077,005	\$2,069,331	\$1,757,197	\$2,145,162	\$2,241,933	
Total Delivered Cost	\$2,119,511	\$2,782,117	\$2,894,424	\$2,562,860	\$2,466,184	\$2,038,800	\$2,116,235	\$2,077,005	\$2,069,331	\$1,757,197	\$2,145,162	\$2,241,933	
TENN ZONE 1													
Delivered Mmbtu	0	325,899	324,444	247,244	178,963	0	0	0	0	0	0	0	
\$/Mmbtu Del	\$7.443	\$7.758	\$8.007	\$8.067	\$7.932	\$7.680	\$7.712	\$7.814	\$7.932	\$8.021	\$8.053	\$8.139	
Total Delivered Cost	\$0	\$2,528,315	\$2,597,980	\$1,994,554	\$1,419,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
TENN CONNEXION													
Delivered Mmbtu	348,000	359,600	359,600	324,800	359,600	348,000	359,600	348,000	359,600	359,600	348,000	359,600	
Locked Volumes	348,000	359,600	359,600	324,800	359,600	216,637	120,539	44,438	0	0	0	0	
NYMEX Volumes	0	0	0	0	0	131,363	239,061	303,562	359,600	359,600	348,000	359,600	
Locked \$/Mmbtu	\$8.955	\$9.530	\$9.815	\$10.011	\$9.866	\$8.243	\$8.167	\$8.167	\$0.000	\$0.000	\$0.000	\$0.000	
NYMEX \$/Mmbtu Del Delivered Cost Locked	\$6.808 \$2,116,227	\$7.126	\$7.378 \$3,529,600	\$7.438 \$3,251,463	\$7.301 \$3,547,641	\$7.043 \$1.795.720	\$7.075 \$984,489	\$7.178 \$362,942	7.296\$ \$0	\$7.386 \$0	7.418\$ \$0	7.505\$ \$0	
Delivered Cost Locked Delivered Cost Nymex	\$3,116,327 \$0	\$3,427,077 \$0	\$3,529,600 \$0	φ3,251,463 \$0	\$3,547,641 \$0	\$1,785,739 \$925,132	\$904,409 \$1,691,348	\$362,942 \$2,178,839	ەر \$2,623,783	ەر \$2,656,022	ەر \$2,581,620	ە <del>س</del> \$2,698,748	
Total Delivered Cost	\$3,116,327	\$3,427,077	\$3,529,600	\$3,251,463	\$3,547,641	\$2,710,870	\$2,675,836	\$2,541,782	\$2,623,783	\$2,656,022	\$2,581,620	\$2,698,748	
	<i><b>4</b>-1</i>	•••	<i><b>•</b>•,•,••••</i>	<i>•••,=••</i> ,••••	<i><b>4</b>-,,</i>	<b>4</b> -,- ,- , <b>6</b> ,- , <b>6</b>		<b>4</b> _, <b>0</b> , . <b>0</b> _	+_,,	•_,,	•_,•••,••	•_,•••,•••	
TENN DRACUT													
Delivered Mmbtu	29,700	30,690	58,239	27,720	30,690	450,000	221,438	0	0	5,521	0	333,011	
\$/Mmbtu Del	\$8.43	\$8.72	\$8.95	\$9.01	\$8.88	\$7.45	\$7.49	\$7.58	\$7.69	\$7.78	\$7.81	\$7.89	
Total Delivered Cost	\$250,267	\$267,590	\$521,308	\$249,665	\$272,544	\$3,354,707	\$1,657,499	\$0	\$0	\$42,929	\$0	\$2,626,316	
TETCO STX	074 000	000 774	000 774	050.040	000 77 4	074 000	000 774	074 000	000 774	000 774	074 000	000 774	
Delivered Mmbtu Locked Volumes	274,620 265,666	283,774 230,144	283,774 142,443	256,312 0	283,774 0	274,620 0	283,774 0	274,620 0	283,774 0	283,774 0	274,620 0	283,774 0	
NYMEX Volumes	265,666 8,954	230,144 53,630	142,443	256,312	283,774	0 274,620	283,774	274,620	283,774	0 283,774	274,620	283,774	
Locked \$/Mmbtu	8,954 \$8.790	\$9.511	\$9.511	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	203,774 \$0.000	\$0.000	\$0.000	
NYMEX \$/Mmbtu Del	\$6.722	\$7.175	\$7.430	\$7.491	\$7.352	\$7.054	\$7.087	\$7.190	\$7.310	\$7.401	\$7.433	\$7.520	
Deliverd Cost Locked	\$2,335,327	\$2,189,007	\$1,354,842	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Delivered Cost Nymex	\$60,189	\$384,785	\$1,050,118	\$1,920,104	\$2,086,441	\$1,937,238	\$2,011,085	\$1,974,625	\$2,074,443	\$2,100,096	\$2,041,324	\$2,134,093	
Total Delivered Cost	\$2,395,517	\$2,573,792	\$2,404,960	\$1,920,104	\$2,086,441	\$1,937,238	\$2,011,085	\$1,974,625	\$2,074,443	\$2,100,096	\$2,041,324	\$2,134,093	

Updated Attachment GLB-2 Docket No. 3892 Page 8 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCEI													
	Natural Gas Supply	VS. Requiremer	nts	Uni	ts: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total/Average
TETCO ELA													
Delivered Mmbtu \$/Mmbtu Del	0 \$7.3183	44,160 \$7.7545	44,536 \$8.0067	32,378 \$8.0670	2,760 \$7.9300	0 \$7.6474	0 \$7.6797	0 \$7.7822	0 \$7.9009	0 \$7.9904	0 \$8.0228	0 \$8.1091	
Total Delivered Cost	۵۲.۵۱۵۵ \$0	\$342,440	\$356,586	\$0.0670 \$261,193	\$7.9300 \$21,887	\$7.0474 \$0	\$7.6797 \$0	\$7.7822 \$0	\$7.9009 \$0	\$7.9904 \$0	ъо.0220 \$0	\$0.1091 \$0	
Total Delivered Cost	ψ0	ψ0 <b>-12</b> , <b>-1-0</b>	φ000,000	φ201,100	ψ21,007	ψŬ	ψυ	ψυ	ψŪ	φυ	ψŪ	ψŪ	
TETCO WLA	10.010	000 745	000.004	040.007	400.040	0	0	0	0	0		0	
Delivered Mmbtu \$/Mmbtu Del	16,919 \$7.2683	266,745 \$7,7131	260,921 \$7.9663	212,687 \$8.0268	189,248 \$7.8892	0 \$7.5983	0 \$7.6307	0 \$7.7335	0 \$7.8525	0 \$7.9423	0 \$7.9748	0 \$8.0613	
Total Delivered Cost	\$122,972	\$2,057,432	\$2,078,564	\$1,707,195	\$1,493,017	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0.0015 \$0	
		• , , -	• ,,	• , - ,	• ,,-	• -	• -	• -	• •	•••	• •	• -	
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
TETCO ETX Delivered Mmbtu	296,580	306,466	306,466	276,808	306,466	296,580	306,466	296,580	306,466	306,466	296,580	306,466	
Locked Volumes	94,332	0	0	270,000	0	230,300	0	230,300	0	0	230,300	00,400	
NYMEX Volumes	202,248	306,466	306,466	276,808	306,466	296,580	306,466	296,580	306,466	306,466	296,580	306,466	
Locked \$/Mmbtu	\$8.7346	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
NYMEX \$/Mmbtu Del	\$6.6947	\$7.1208	\$7.3730	\$7.4333	\$7.2962	\$7.0238	\$7.0561	\$7.1586	\$7.2773	\$7.3669	\$7.3992	\$7.4855	
Deliverd Cost Locked	\$823,956	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Delivered Cost Nymex Total Delivered Cost	\$1,353,996 \$2,177,052	\$2,182,292 \$2,182,292	\$2,259,572 \$2,250,572	\$2,057,596	\$2,236,052	\$2,083,113 \$2,083,113	\$2,162,469	\$2,123,109 \$2,122,100	\$2,230,248	\$2,257,691 \$2,257,601	\$2,194,461 \$2,104,461	\$2,294,060	
Total Delivered Cost	\$2,177,952	φ <b>Ζ, 10Ζ,</b> Ζ9Ζ	\$2,259,572	\$2,057,596	\$2,236,052	\$2,083,113	\$2,162,469	\$2,123,109	\$2,230,248	\$2,257,691	\$2,194,461	\$2,294,060	
TETCO - NF													
Delivered Mmbtu	0	7,056	13,230	9,702	0	0	0	0	0	0	0	0	
Delivered \$/Mmbtu Delivered Cost	\$7.5096 \$0	\$7.9125 \$55,831	\$8.1606 \$107,965	\$8.2199 \$79,750	\$8.0851 \$0	\$7.8346 \$0	7.8666\$ \$0	7.9678\$ \$0	\$8.0851 \$0	\$8.1735 \$0	\$8.2055 \$0	\$8.2907 \$0	
	20	\$00,60 I	\$107,905	\$79,750	<b>2</b> 0	<b>Ф</b> О	φU	φU	<b>2</b> 0	<b>4</b> 0	<b>2</b> 0	20	
M3 DELIVERED													
Delivered Mmbtu	0 \$8.0511	39,545	93,149 \$8.6359	64,771 \$8.6917	0 \$8.5650	0 \$7.7744	0 \$7.8046	0 \$7.9002	0 \$8.0109	0 \$8.0944	0 \$8.1246	0	
Delivered \$/Mmbtu Delivered Cost	\$8.0511 \$0	\$8.4028 \$332,290	\$8.6359 \$804,427	\$8.6917 \$562,967	\$8.5650 \$0	\$7.7744 \$0	\$7.8046 \$0	\$7.9002 \$0	\$8.0109 \$0	\$8.0944 \$0	\$8.1246 \$0	\$8.2051 \$0	
	φυ	ψυυΖ,290	ψ00 <del>4</del> ,427	ψJUZ,307	<b>4</b> 0	<b>Φ</b> 0	φυ	φU	φυ	φU	φυ	<b>4</b> 0	
MAUMEE_SUPP													
Delivered Mmbtu	843,853	888,899	892,631	779,500	819,985	444,564	16,800	13,600	8,396	10,396	12,396	4,000	
Delivered \$/Mmbtu	\$7.3469	\$7.7000	\$7.9382	\$7.9952	\$7.8657	\$7.6606	\$7.6914	\$7.7891	\$7.9022	\$7.9875	\$8.0184	\$8.1007	
Total Delivered Cost	\$6,199,723	\$6,844,557	\$7,085,925	\$6,232,265	\$6,449,796	\$3,405,605	\$129,216	\$105,932	\$66,347	\$83,039	\$99,396	\$32,403	

Updated Attachment GLB-2 Docket No. 3892 Page 9 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENARIC	)		r Energy Assoc SENDOUT Ve Report 1	ersion 9.0.2 R	Page 1 EP013 20-Oc 11:37:23	t-2008							
Na	tural Gas Supply	VS. Requiremer	nts	Uni	ts: MDT								
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	Total/Average
BROADRUN_COL Delivered Mmbtu	286,172	289,172	296,040	266,436	296,040	142,677	8,000	10,400	12,000	10,000	8,000	14,356	
Delivered \$/Mmbtu	\$7.3469	\$7.7000	\$7.9382	\$7.9952	\$7.8657	\$7.6606	\$7.6914	\$7.7891	\$7.9022	\$7.9875	\$8.0184	\$8.1007	
Total Delivered Cost	\$2,102,484	\$2,226,636	\$2,350,038	\$2,130,211	\$2,328,576	\$1,092,984	\$61,531	\$81,006	\$94,826	\$79,875	\$64,147	\$116,293	
COLUMBIA_AGT													
Delivered Mmbtu	0	25,970	71,855	61,098	0	0	0	0	0	0	0	0	
Delivered \$/Mmbtu Delivered Cost	\$8.2827	\$8.6425	\$8.8807	\$8.9377	\$8.8082	\$7.9557	\$7.9865	\$8.0842 \$0	\$8.1973 \$0	\$8.2827	\$8.3135	\$8.3958	
Delivered Cost	\$0	\$224,446	\$638,124	\$546,075	\$0	\$0	\$0	20	20	\$0	\$0	\$0	
DOMINION TO B & W													
Delivered Mmbtu	0	0	0	0	0	0	0	0	0	0	0	0	
Delivered \$/Mmbtu Delivered Cost	\$7.8937 \$0	\$8.2818 \$0	\$8.5350 \$0	\$8.5956 \$0	\$8.4580 \$0	\$8.2024 \$0	\$8.2350 \$0	\$8.3383 \$0	\$8.4580 \$0	\$8.5483 \$0	\$8.5809 \$0	\$8.6679 \$0	
Delivered Cost	ψυ	φυ	ψΟ	φυ	ψυ	ψŪ	φυ	ψŪ	ψŪ	ψŪ	ψΟ	ψυ	
DOMINION TO TETCO FTS													
Delivered Mmbtu	0	14,648	41,334	32,958	0	0	0	0	0	0	0	0	
Delivered \$/Mmbtu Delivered Cost	\$8.1498 \$0	\$8.5044 \$124,572	\$8.7392 \$361,224	\$8.7953 \$289,875	\$8.6677 \$0	\$7.8276 \$0	\$7.8580 \$0	7.9542\$ \$0	\$8.0657 \$0	\$8.1498 \$0	\$8.1802 \$0	\$8.2613 \$0	
	φυ	ψ124,572	ψ <b>301,22</b> 4	ψ200,010	ψυ	φυ	ψυ	ψυ	ψŪ	ψυ	ψŪ	φυ	
TRANSCO AT WHARTON													
Delivered Mmbtu Delivered \$/Mmbtu	0 \$8.1498	0 \$8.5044	0 \$8.7392	0 \$8.7953	0 \$8.6677	0 \$7.8276	0 \$7.8580	0 \$7.9542	0 \$8.0657	0 \$8.1498	0 \$8.1802	0 \$8.2613	
Delivered Solution	\$0.1498 \$0	\$8.5044 \$0	\$0.7392 \$0	ъо.7953 \$0	۶0.0077 \$0	\$7.0276 \$0	۵۲.۵۵۵۵ \$0	¢۲.9542 \$0	مو \$0	\$0.1490 \$0	¢0.1602 \$0	\$0.2013 \$0	
	ψŪ	ψυ	ψu	ψυ	ψυ	φu	φο	φυ	ψŪ	φο	ψŪ	ψυ	
AECO/TENNESSEE - ANE II													
Delivered Mmbtu	30.000	31,000	31.000	28,000	31,000	30,000	31.000	30.000	31.000	31,000	30.000	31,000	
Delivered \$/Mmbtu	\$5.9621	\$6.2764	\$6.5257	\$6.5854	\$6.4499	\$6.2927	\$6.3252	\$6.4282	\$6.5474	\$6.6374	\$6.6699	\$6.7566	
Total Delivered Cost	\$178,862	\$194,569	\$202,298	\$184,390	\$199,946	\$188,780	\$196,081	\$192,845	\$202,970	\$205,759	\$200,097	\$209,455	
NIAGARA TO TENNESSEE													
Delivered Mmbtu	14,000	31,000	31,000	28,000	30,000	30,000	0	0	0	0	0	0	
Delivered \$/Mmbtu Total Delivered Cost	\$7.3678 \$103,149	\$7.6632 \$237,561	\$7.8976 \$244,826	\$7.9537 \$222,702	\$7.8263 \$234,788	\$7.5501 \$226,504	\$7.5807 \$0	\$7.6775 \$0	\$7.7896 \$0	7.8742\$ \$0	7.9047\$0	\$7.9863 \$0	
	φ103,149	φ237,301	φ244,020	φζζζ,10Z	φ234,100	φ220,004	φU	φU	φU	φU	<b>Ф</b> О	<b>Ф</b> О	

Updated Attachment GLB-2 Docket No. 3892 Page 10 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCENAR	Ю		v Energy Assoc SENDOUT V Report 1	ersion 9.0.2 R	Page 1 EP013 20-O 11:37:23	ct-2008							
Ν	latural Gas Supply	VS. Requireme	nts	Un	its: MDT								
TETCO TO B&W Delivered Mmbtu	NOV 12,432	DEC 12,846	JAN 26,936	FEB 18,648	MAR 12,846	APR 0	MAY 0	JUN 0	JUL 0	AUG 0	SEP 0	ост 0	Total/Average
Delivered \$/Mmbtu Total Delivered Cost	\$7.8946 \$98,146	\$8.3334 \$107,051	\$8.5856 \$231,261	\$8.6459 \$161,228	\$8.5088 \$109,305	\$8.2237 \$0	\$8.2560 \$0	\$8.3585 \$0	\$8.4772 \$0	\$8.5667 \$0	\$8.5991 \$0	\$8.6854 \$0	
DISTRIGAS FCS Delivered Mmbtu Delivered \$/Mmbtu Total Delivered Cost	158,382 \$6.786 \$1,074,780												
HUBLINE Total Delivered Vol Delivered \$/Mmbtu Total Delivered Cost	0 \$8.3500 \$0	20,649 \$8.7038 \$179,725	56,135 \$8.9369 \$501,673	1,402 \$8.9926 \$12,608	0 \$8.8660 \$0	240,000 \$7.3841 \$1,772,175	244,601 \$7.4142 \$1,813,532	100,203 \$7.5098 \$752,508	0 \$7.6205 \$0	8,000 \$7.7040 \$61,632	6,946 \$7.7342 \$53,722	248,000 \$7.8147 \$1,938,043	
	<b>NOV</b>	<b>DEC</b> 2008	JAN 2009	<b>FEB</b> 2009	MAR 2009	<b>APR</b> 2009	MAY 2009	JUN 2009	JUL 2009	AUG 2009	<b>SEP</b> 2009	OCT 2009	
Financial Hedges 7/31/2008 Quantity Average Price 10/17/2008 NYMEX	2008 1,460,000 \$9.22 \$6.786	2008 1,990,000 \$9.72 \$7.076	2009 2,260,000 \$10.00 \$7.306	2009 2,010,000 \$9.82 \$7.361	2009 1,950,000 \$9.35 \$7.236	2009 1,620,000 \$8.52 \$7.091	2009 1,110,000 \$8.29 \$7.121	2009 940,000 \$8.37 \$7.216	2009 900,000 \$8.44 \$7.326	2009 800,000 \$8.66 \$7.409	2009 840,000 \$8.62 \$7.439	2009 1,050,000 \$8.65 \$7.519	15,470,000
Quantity Average Price 10/17/2008 NYMEX Impact of Financial Hedges	2008 1,460,000 \$9.22 \$6.786 \$3,547,362	2008 1,990,000 \$9.72 \$7.076 <b>\$5,262,754</b>	2009 2,260,000 \$10.00 \$7.306 <b>\$6,077,818</b>	2009 2,010,000 \$9.82 \$7.361 <b>\$4,948,620</b>	2009 1,950,000 \$9.35 \$7.236 <b>\$4,130,100</b>	2009 1,620,000 \$8.52 \$7.091 <b>\$2,314,980</b>	2009 1,110,000 \$8.29 \$7.121 <b>\$1,302,030</b>	2009 940,000 \$8.37 \$7.216 <b>\$1,088,520</b>	2009 900,000 \$8.44 \$7.326 <b>\$1,001,700</b>	2009 800,000 \$8.66 \$7.409 <b>\$1,000,000</b>	2009 840,000 \$8.62 \$7.439 <b>\$991,200</b>	2009 1,050,000 \$8.65 \$7.519 <b>\$1,185,450</b>	\$32,850,534.00
Quantity Average Price 10/17/2008 NYMEX	2008 1,460,000 \$9.22 \$6.786	2008 1,990,000 \$9.72 \$7.076	2009 2,260,000 \$10.00 \$7.306	2009 2,010,000 \$9.82 \$7.361	2009 1,950,000 \$9.35 \$7.236	2009 1,620,000 \$8.52 \$7.091	2009 1,110,000 \$8.29 \$7.121	2009 940,000 \$8.37 \$7.216	2009 900,000 \$8.44 \$7.326	2009 800,000 \$8.66 \$7.409	2009 840,000 \$8.62 \$7.439	2009 1,050,000 \$8.65 \$7.519	-, -,
Quantity Average Price 10/17/2008 NYMEX Impact of Financial Hedges Total supplier locked vols Delivered Locked \$/Dth	2008 1,460,000 \$9.22 \$6.786 \$3,547,362 776,517 \$8.8862	2008 1,990,000 \$9.72 \$7.076 <b>\$5,262,754</b> 860,535 \$9.5763	2009 2,260,000 \$10.00 \$7.306 <b>\$6,077,818</b> 785,003 \$9.8187	2009 2,010,000 \$9.82 \$7.361 <b>\$4,948,620</b> 540,770 \$10.0755 \$5,448,540	2009 1,950,000 \$9.35 \$7.236 <b>\$4,130,100</b> 470,306 \$9.9037	2009 1,620,000 \$8.52 \$7.091 <b>\$2,314,980</b> 216,637 \$8.2430	2009 1,110,000 \$8.29 \$7.121 <b>\$1,302,030</b> 120,539 \$8.1674	2009 940,000 \$8.37 \$7.216 <b>\$1,088,520</b> 44,438 \$8.1674 \$362,942	2009 900,000 \$8.44 \$7.326 <b>\$1,001,700</b> 0 \$0	2009 800,000 \$8.66 \$7.409 <b>\$1,000,000</b> 0 \$0 \$0	2009 840,000 \$8.62 \$7.439 <b>\$991,200</b> 0 \$0	2009 1,050,000 \$8.65 \$7.519 <b>\$1,185,450</b> 0 \$0	<b>\$32,850,534.00</b> 3,814,745
Quantity Average Price 10/17/2008 NYMEX Impact of Financial Hedges Total supplier locked vols Delivered Locked \$/Dth Locked Delivered Cost Total Pipeline Costs (Incl Inj) Total Delivered Pipeline Vol	2008 1,460,000 \$9.22 \$6.786 \$3,547,362 776,517 \$8.8862 \$6,900,322 \$23,487,051 2,593,618	2008 1,990,000 \$9.72 \$7.076 <b>\$5,262,754</b> 860,535 \$9.5763 \$8,240,766 <b>\$33,621,663</b> <b>3,506,607</b>	2009 2,260,000 \$10.00 \$7.306 \$6,077,818 785,003 \$9.8187 \$7,707,747 \$36,973,492 3,719,778	2009 2,010,000 \$9.82 \$7.361 <b>\$4,948,620</b> 540,770 \$10.0755 \$5,448,540 <b>\$30,945,041</b> <b>3,145,808</b>	2009 1,950,000 \$9.35 \$7.236 \$4,130,100 470,306 \$9.9037 \$4,657,792 \$28,673,231 3,065,591	2009 1,620,000 \$8.52 \$7.091 \$2,314,980 216,637 \$8.2430 \$1,785,739 \$21,652,987 2,613,753	2009 1,110,000 \$8.29 \$7.121 \$1,302,030 120,539 \$8.1674 \$984,489 \$14,125,514 1,764,071	2009 940,000 \$8.37 \$7.216 <b>\$1,088,520</b> 44,438 \$8.1674 \$362,942 <b>\$10,937,331</b> <b>1,356,363</b>	2009 900,000 \$8.44 \$7.326 \$1,001,700 0 \$0 \$0 \$10,363,649 1,278,660	2009 800,000 \$8.66 \$7.409 \$1,000,000 0 \$0 \$10,244,239 1,247,537	2009 840,000 \$8.62 \$7.439 <b>\$991,200</b> 0 \$0 \$0 \$0 \$10,371,129 1,259,502	2009 1,050,000 \$8.65 \$7.519 \$1,185,450 0 \$0 \$0 \$15,476,794 1,872,599	\$32,850,534.00 3,814,745 \$36,088,336 \$246,872,121 27,423,887

Updated Attachment GLB-2 Docket No. 3892 Page 11 of 18

		NOV	DEC	JAN-08	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ
	_												
PIPELINE FIXED COST UNIT PRICES \$/Dth		<b>A</b> = <b>A</b> ==	<b>AF AF</b>	<b>A</b> = 0==	<b>A</b> = 0==	<b>AF AF</b>	<b>AF AF</b>	<b>A</b> = 0==	<b>A</b> = <b>a</b> ==	<b>A- - - -</b>	<b>A</b> = <b>A</b> ==	<b>AF AF</b>	
ALGONQUIN AFT-E/AFT-1 DEMAND	\$/Dth	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977
ALGONQUIN AFT-3 DEMAND	\$/Dth	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585
ALGONQUIN AFT-ES/1S DEMAND	\$/Dth	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391
TEXAS EASTERN STX CDS DEMAND Z3	\$/Dth	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736
TEXAS EASTERN WLA CDS DEMAND Z3	\$/Dth	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798
TEXAS EASTERN ELA CDS DEMAND Z3	\$/Dth	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362
TEXAS EASTERN ETX CDS DEMAND Z3	\$/Dth	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151
TETCO FTS DEMAND	\$/Dth	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350
TETCO M1 TO M3 DEMAND Z3	\$/Dth	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010
TETCO SCT STX DEMAND	\$/Dth	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723
TETCO SCT WLA DEMAND TETCO SCT ELA DEMAND	\$/Dth	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130 \$0.950	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130 \$0.950
	\$/Dth	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950		\$0.950	\$0.950	\$0.950 \$0.970	\$0.950	\$0.950	
TETCO SCT ETX DEMAND TETCO SCT DEMAND 1-3	\$/Dth \$/Dth	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401	\$0.876 \$4.401
TETCO SCT DEMAND 1-3 TETCO SCT STX DEMAND Z2	\$/Dth \$/Dth		\$4.401 \$2.723	\$4.401 \$2.723			\$4.401 \$2.723					\$4.401 \$2.723	
TETCO SCT STX DEMAND ZZ TETCO SCT WLA DEMAND Z2	\$/Dth \$/Dth	\$2.723	\$2.723 \$1.130	• •	\$2.723	\$2.723	\$2.723 \$1.130	\$2.723	\$2.723 \$1.130	\$2.723 \$1.130	\$2.723 \$1.130	\$2.723 \$1.130	\$2.723
TETCO SCT WLA DEMAND Z2 TETCO SCT ELA DEMAND Z2	\$/Dth	\$1.130 \$0.950	\$0.950	\$1.130 \$0.950	\$1.130 \$0.950	\$1.130 \$0.950	\$0.950	\$1.130 \$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$1.130 \$0.950
TETCO SCI ELA DEMAND ZZ	\$/Dth \$/Dth	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950	\$0.876	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950 \$0.876	\$0.950 \$0.876
TETCO SCT DEMAND 1-2	\$/Dth	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$0.878 \$3.349	\$0.878	\$0.878	\$0.878 \$3.349
TENNESSEE FT-A DEMAND ZONE 0 TO 6	\$/Dth	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.549 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599	\$3.349 \$15.599
TENNESSEE FT-A DEMAND ZONE 1 TO 6	\$/Dth	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599	\$15.599
TENNESSEE FT-A DEMAND ZONE 1 TO 6 TENNESSEE FT-A DEMAND ZONE 0 TO 6 CONNEX	\$/Dth	\$22.737	\$15.599	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$15.599	\$15.599	\$22.737	\$22.737
TENNESSEE DRACUT	\$/Dth	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160
TENNESSEE FT-A DEMAND ZONE 4 TO 6	\$/Dth	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890	\$5.890
TENNESSEE FT-A DEMAND ZONE 5 TO 6	\$/Dth	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930
NETNE	\$/Dth	\$10.610	\$4.930 \$10.610	\$10.610	\$4.930 \$10.610	\$10.610	\$4.930 \$10.610	\$10.610	\$10.610	\$10.610	\$4.930 \$10.610	\$4.930 \$10.610	\$10.610
IROQUOIS	\$/Dth	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597	\$6.597
NOVA	\$/Dth	\$4.140	\$4.278	\$4.002	\$4.140	\$4.278	\$4.140	\$4.278	\$4.140	\$4.278	\$4.278	\$4.140	\$4.278
TRANSCANADA	\$/Dth	\$29.109	\$29.109	\$29.109	\$27.231	\$29.109	\$28.170	\$29.109	\$28,170	\$29,109	\$29,109	\$28.170	\$29.109
DOMINION FTNN DEMAND	\$/Dth	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369
DOMINION FT-GSS DEMAND	\$/Dth	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369
TRANSCO DEMAND ZONE 2 TO 6	\$/Dth	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174
TRANSCO DEMAND ZONE 3 TO 6.	\$/Dth	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200
TRANSCO DEMAND ZONE 6	\$/Dth	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910
NATIONAL FUEL DEMAND	\$/Dth	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557
COLUMBIA FTS DEMAND	\$/Dth	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969
HUBLINE	\$/Dth	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558	\$11.558
HUBLINE	\$/Dth	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996	\$6.996
SUPPLIER FIXED COST UNIT PRICES			• • • • • •	•••••							• • • • • •		
DISTRIGAS FCS	\$/Dth												
		NOV	DEC	JAN-08	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
STORAGE FIXED COST UNIT PRICES		-	-									-	
TEXAS EASTERN SS-1 DEMAND	\$/Dth	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531	\$5.531
TEXAS EASTERN SS-1 CAPACITY	\$/Dth	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129
TEXAS EASTERN FSS-1 DEMAND	\$/Dth	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895	\$0.895
TEXAS EASTERN FSS-1 CAPACITY	\$/Dth	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129	\$0.129
DOMINION GSS DEMAND	\$/Dth	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875
DOMINION GSS CAPACITY	\$/Dth	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015
DOMINION GSS-TE DEMAND	\$/Dth	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875	\$1.875
DOMINION GSS-TE CAPACITY	\$/Dth	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015	\$0.015
TENNESSEE FSMA DEMAND	\$/Dth	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150	\$1.150
TENNESSEE FSMA CAPACITY	\$/Dth	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019	\$0.019
COLUMBIA FSS DEMAND	\$/Dth	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507	\$1.507
	A (B - 1	<b>*</b> *****		•• •• ••	<b>A A A A A A A A A A</b>	<b>*</b> *****	<b>AA AAA</b>	<b>A</b> A AAA	<b>AA AAA</b>			<b>*</b> *****	<b>A</b> A AAA

\$/Dth

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COLUMBIA FSS CAPACITY

Updated Attachment GLB-2 Docket No. 3892 Page 12 of 18

STORAGE DELIVERY FIXED	
UNIT RATES (\$/Dth)	
PATH	
ALGONQUIN FOR TETCO SS-1	
ALGONQUIN DELIVERY FOR FSS-1	
TETCO DELIVERY FOR FSS-1	
ALGONQUIN SCT FOR SS-1	
ALGONQUIN DELIVERY FOR GSS, GSS-TE,	
ALGONQUIN SCT DELIVERY FOR GSS-TE	
ALGONQUIN DELIVERY FOR GSS CONV.	
TENNESSEE DELIVERY FOR GSS	
TENNESSEE DELIVERY FOR FSMA	
TETCO DELIVERY FOR GSS-TE	
TETCO DELIVERY FOR GSS-TE	
TETCO DELIVERY FOR GSS-TE	
TETCO DELIVERY FOR GSS CONV.	
DOMINION DELIVERY FOR GSS	
DOMINION DELIVERY FOR GSS CONV.	
ALGONQUIN DELIVERY FOR FSS	
COLUMBIA DELIVERY FOR FSS	
DISTRIGAS FLS CALL PAYMENT	

	NOV	DEC	JAN-08	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
\$/Dth	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771
\$/Dth	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771
\$/Dth	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170	\$5.170
\$/Dth	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909
\$/Dth	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771
\$/Dth	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909	\$2.3909
\$/Dth	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785	\$9.785
\$/Dth	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900
\$/Dth	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900	\$5.8900
\$/Dth	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500	\$5.3500
\$/Dth	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576	\$6.576
\$/Dth	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864	\$6.864
\$/Dth	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179	\$5.179
\$/Dth	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690
\$/Dth	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690	\$4.3690
\$/Dth	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771	\$5.9771
\$/Dth	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799	\$5.799
\$/Dth												

	-							LLING UNITS					
		NOV	DEC	JAN-08	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
PIPELINE FIXED COST BILLING UNITS													
ALGONQUIN AFT-E/AFT-1 DEMAND	Dth	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,66
ALGONQUIN AFT-3 DEMAND	Dth	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,06
ALGONQUIN AFT-ES/1S DEMAND	Dth	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,75
TEXAS EASTERN STX CDS DEMAND Z3	Dth	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,84
TEXAS EASTERN WLA CDS DEMAND Z3	Dth	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,71
TEXAS EASTERN ELA CDS DEMAND Z3	Dth	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,75
TEXAS EASTERN ETX CDS DEMAND Z3	Dth	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,99
TETCO M1 TO M3 DEMAND Z3	Dth	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,93
TEXAS EASTERN FTS DEMAND	Dth	1,435	1,435	1.435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1.435	1,43
TETCO SCT STX DEMAND	Dth	571	571	571	571	571	571	571	571	571	571	571	57
TETCO SCT WLA DEMAND	Dth	648	648	648	648	648	648	648	648	648	648	648	64
TETCO SCT ELA DEMAND	Dth	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,18
TETCO SCT ETX DEMAND	Dth	329	329	329	329	329	329	329	329	329	329	329	32
TETCO SCT DEMAND 1-3	Dth	2.099	2.099	2.099	2,099	2.099	2,099	2,099	2.099	2.099	2.099	2.099	2.09
TETCO SCT STX DEMAND Z2	Dth	401	401	401	401	401	401	401	401	401	401	401	40
TETCO SCT WLA DEMAND Z2	Dth	831	831	831	831	831	831	831	831	831	831	831	83
TETCO SCT ELA DEMAND Z2	Dth	455	455	455	455	455	455	455	455	455	455	455	45
TETCO SCT ETX DEMAND Z2	Dth	231	231	231	231	231	231	231	231	231	231	231	23
TETCO SCT DEMAND 1-2	Dth	1.474	1.474	1.474	1,474	1,474	1,474	1,474	1.474	1,474	1,474	1,474	1.47
TENNESSEE FT-A DEMAND ZONE 0 TO 6	Dth	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,43
TENNESSEE FT-A DEMAND ZONE 1 TO 6	Dth	19.903	19,903	19.903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19.90
TENNESSEE FT-A DEMAND ZONE 0 TO 6 (New)	Dth	11.600	11,600	11.600	11,600	11,600	11,600	11.600	11,600	11.600	11,600	11.600	11.60
TENNESSEE DRACUT	Dth	15.000	15.000	15.000	15,000	15,000	15,000	15,000	15.000	15,000	15.000	15.000	15,00
TENNESSEE FT-A DEMAND ZONE 5 TO 6	Dth	1.067	1.067	1.067	1.067	1.067	1.067	1.067	1.067	1.067	1.067	1.067	1.06
NETNE	Dth	1.000	1.000	1.000	1,000	1.000	1,000	1.000	1.000	1.000	1.000	1.000	1.00
IROQUOIS	Dth	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1.012	1,012	1,012	1,012	1,01
NOVA	Dth	1.076	1.076	1.076	1.076	1.076	1.076	1.076	1.076	1.076	1.076	1.076	1.07
TRANSCANADA	Dth	1,022	1.022	1.022	1,022	1,022	1,022	1,022	1.022	1,022	1.022	1,022	1,02
DOMINION FTNN DEMAND	Dth	537	537	537	537	537	537	537	537	537	537	537	53
TRANSCO DEMAND ZONE 2 TO 6	Dth	138	138	138	138	138	138	138	138	138	138	138	13
TRANSCO DEMAND ZONE 3 TO 6.	Dth	3	3	3	3	3	3	3	3	3	3	3	10
TRANSCO DEMAND ZONE 6	Dth	1.240	1.240	1.240	1.240	1.240	1.240	1.240	1.240	1.240	1.240	1.240	1.24
NATIONAL FUEL DEMAND	Dth	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,17
COLUMBIA FTS DEMAND	Dth	47,455	47.455	47.455	47,455	47.455	47.455	47,455	47.455	47.455	47.455	47.455	47.45
HUBLINE	Dth	4.000	4.000	4.000	4,000	4.000	4,000	4.000	4.000	4.000	4,000	4.000	4,00
HUBLINE	Dth	4,000	4.000	4,000	4,000	4,000	4,000	4,000	4.000	4,000	4,000	4,000	4.000

SUPPLIER FIXED COST BILLING UNITS	-												
DISTRIGAS FCS	Dth												
STORAGE FIXED COST BILLING UNITS													
TEXAS EASTERN SS-1 DEMAND	Dth	14,802	14,802	14,802	14,802	14,802	14,802	14,802	14,802	14,802	14,802	14,802	14,802
TEXAS EASTERN SS-1 CAPACITY	Dth	103,336	103,336	103,336	103,336	103,336	103,336	103,336	103,336	103,336	103,336	103,336	103,336
TEXAS EASTERN FSS-1 DEMAND	Dth	944	944	944	944	944	944	944	944	944	944	944	944
TEXAS EASTERN FSS-1 CAPACITY	Dth	4,720	4,720	4,720	4,720	4,720	4,720	4,720	4,720	4,720	4,720	4,720	4,720
DOMINION GSS DEMAND	Dth Dth	11,403	11,403	11,403	11,403	11,403	11,403	11,403	11,403	11,403	11,403	11,403	11,403
DOMINION GSS CAPACITY DOMINION GSS-TE DEMAND	Dth	1,039,304 14,337	1,039,304 14,337	1,039,304 14,337	1,039,304 14,337	1,039,304 14,337							
DOMINION GSS-TE DEMAND	Dth	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324	1,376,324
TENNESSEE FSMA DEMAND	Dth	21,169	21,169	21,169	21,169	21,169	21,169	21,169	21,169	21,169	21,169	21,169	21,169
TENNESSEE FSMA CAPACITY	Dth	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343
COLUMBIA FSS DEMAND	Dth	2,545	2,545	2,545	2,545	2,545	2,545	2,545	2,545	2,545	2,545	2,545	2,545
COLUMBIA FSS CAPACITY	Dth	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957
STORAGE DELIVERY BILLING UNITS (DTH)	г	NOV	DEC	JAN-08	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ
	Ŀ												
ALGONQUIN FOR TETCO SS-1	Dth	13,976	13,976	13,976	13,976	13,976	13,976	13,976	13,976	13,976	13,976	13,976	13,976
ALGONQUIN DELIVERY FOR FSS-1	Dth	933	933	933	933	933	933	933	933	933	933	933	933
TETCO DELIVERY FOR FSS-1	Dth	944	944	944	944	944	944	944	944	944	944	944	944
ALGONQUIN SCT FOR SS-1 ALGONQUIN DELIVERY FOR GSS, GSS-TE,	Dth Dth	657 10,915	657 10,915	657 10.915	657 10,915	657 10,915	657 10,915	657 10,915	657 10,915	657 10,915	657 10,915	657 10,915	657 10.915
ALGONQUIN DELIVERY FOR GSS, GSS-TE, ALGONQUIN SCT_DELIVERY FOR GSS-TE	Dth	10,915	10,915	10,915	10,915	10,915	10,915	10,915	10,915	10,915	10,915	10,915	10,915
ALGONQUIN DELIVERY FOR GSS CONV	Dth	2,038	2.038	2,038	2,038	2,038	2,038	2,038	2.038	2,038	2,038	2,038	2,038
TENNESSEE DELIVERY FOR GSS	Dth	6,581	6,581	6,581	6,581	6,581	6,581	6,581	6,581	6,581	6,581	6,581	6,581
TENNESSEE DELIVERY FOR FSMA	Dth	4,255	4,255	4,255	4,255	4,255	4,255	4,255	4,255	4,255	4,255	4,255	4,255
TETCO DELIVERY FOR GSS	Dth	5,479	5,479	5,479	5,479	5,479	5,479	5,479	5,479	5,479	5,479	5,479	5,479
TETCO DELIVERY FOR GSS-TE	Dth	538	538	538	538	538	538	538	538	538	538	538	538
TETCO DELIVERY FOR GSS-TE	Dth	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011	5,011
TETCO DELIVERY FOR GSS CONV	Dth	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061
DOMINION DELIVERY FOR GSS	Dth	5,342	5,342	5,342	5,342	5,342	0	0	0	0	0	0	0
DOMINION DELIVERY FOR GSS CONV	Dth	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061	2,061
ALGONQUIN DELIVERY FOR FSS	Dth	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516	2,516
COLUMBIA DELIVERY FOR FSS	Dth	2,545	2,545	2,545	2,545	2,545	2,545	1,272	1,272	1,272	1,272	1,272	1,272
DISTRIGAS FLS CALL PAYMENT	Dth												
						тс	DTAL COST						
PIPELINE FIXED COST DOLLARS													
ALGONQUIN AFT-E/AFT-1 DEMAND	\$	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948
ALGONQUIN AFT-3 DEMAND	\$	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854
ALGONQUIN AFT-ES/1S DEMAND	\$	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983
TEXAS EASTERN STX CDS DEMAND Z3	\$	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253
TEXAS EASTERN WLA CDS DEMAND Z3	\$ \$	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973
TEXAS EASTERN ELA CDS DEMAND Z3 TEXAS EASTERN ETX CDS DEMAND Z3	э \$	\$56,116 \$17,197	\$56,116 \$17,197	\$56,116 \$17,197	\$56,116 \$17,197	\$56,116 \$17.197							
TETCO M1 TO M3 DEMAND Z3	у \$	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733
TETCO FTS DEMAND	\$	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677	\$303,733 \$7,677	\$7,677
TETCO SCT STX DEMAND	\$	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555
TETCO SCT WLA DEMAND	\$	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732
TETCO SCT ELA DEMAND	\$	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124
TETCO SCT ETX DEMAND	\$	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288
TETCO SCT DEMAND 1-3	\$	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238
TETCO SCT STX DEMAND Z2	\$	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092
TETCO SCT WLA DEMAND Z2	\$	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939
TETCO SCT ELA DEMAND Z2	\$	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432
TETCO SCT ETX DEMAND Z2	\$	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202
TETCO SCT DEMAND 1-2	\$	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936
TENNESSEE FT-A DEMAND ZONE 0 TO 6	\$	\$147,125 \$210,457	\$147,125 \$210,457	\$147,125 \$210,457	\$147,125 \$210,457	\$147,125 \$210,457							
TENNESSEE FT-A DEMAND ZONE 1 TO 6 TENNESSEE FT-A DEMAND ZONE 0 TO 6 (New)	\$ \$	\$310,457 \$263,743	\$310,457 \$263,743	\$310,457 \$263,743	\$310,457 \$263,743	\$310,457 \$263,743							
TENNESSEE DRACUT	э \$	\$47,400	\$203,743 \$47,400	\$263,743 \$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$203,743 \$47,400	\$47,400	\$203,743 \$47,400	\$203,743 \$47,400	\$263,743 \$47,400
TENNESSEE FT-A DEMAND ZONE 5 TO 6	э \$	\$47,400	\$5,260	\$47,400 \$5,260	\$5,260	\$5,260	\$47,400	\$5,260	\$47,400	\$47,400 \$5,260	\$47,400 \$5,260	\$47,400 \$5,260	\$5,260
	÷	ψ0 <u>,</u> 200	<i>40,200</i>	ψ0 <u>,</u> 200	ψ0, <b>2</b> 00	ψ0,200	<i>\$0,200</i>	ψ0, <b>2</b> 00	<b>₩</b> 0, <b>2</b> 00	<b>↓</b> 0, <b>1</b> 00	<i>40,200</i>	<b>₩0,200</b>	<i>w0,200</i>

Updated Attachment GLB-2 Docket No. 3892 Page 14 of 18

	¢	¢10.010	£40.040	£40.040	¢40.040	¢40.040	£40.040	£40.040	£40.040	£40.040	¢40.040	¢40.040	£40.040	
NETNE	\$	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	
IROQUOIS	\$	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	\$6,676	
NOVA	\$	\$4,455	\$4,603	\$4,306	\$4,455	\$4,603	\$4,455	\$4,603	\$4,455	\$4,603	\$4,603	\$4,455	\$4,603	
TRANSCANADA	\$	\$29,749	\$29,749	\$29,749	\$27,830	\$29,749	\$28,790	\$29,749	\$28,790	\$29,749	\$29,749	\$28,790	\$29,749	
DOMINION FTNN DEMAND	\$	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	
TRANSCO DEMAND ZONE 2 TO 6	\$	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	
TRANSCO DEMAND ZONE 3 TO 6.	\$	\$49	\$49	\$49	\$49	\$49	\$49	\$49	\$49	\$49	\$49	\$49	\$49	
TRANSCO DEMAND ZONE 6	\$	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	
NATIONAL FUEL DEMAND	Ŝ	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	\$4,186	
COLUMBIA FTS DEMAND	ŝ	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	
HUBLINE	¢	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	\$46,233	
HUBLINE	¢	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	\$27,983	
WESTERLY LATERAL (Yankee)	¢	\$61,426	\$61.426	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	\$60,149	
	φ		* - / -									* / -		\$24 254 00C
TOTAL PIPELINE DEMAND COSTS		\$2,614,313	\$2,614,461	\$2,612,887	\$2,611,116	\$2,613,184	\$2,612,076	\$2,613,184	\$2,612,076	. , ,	\$2,613,184	\$2,612,076	\$2,613,184	\$31,354,926
		Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	
SUPPLIER FIXED COST DOLLARS														
DISTRIGAS FCS	\$													
TOTAL SUPPLIER DEMAND COSTS		\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$3,624,000
STORAGE FIXED COST DOLLARS														
TEXAS EASTERN SS-1 DEMAND	\$	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	\$81,870	
TEXAS EASTERN SS-1 CAPACITY	\$	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	\$13,361	
TEXAS EASTERN FSS-1 DEMAND	\$	\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$845	\$845	
TEXAS EASTERN FSS-1 CAPACITY	\$	\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$610	\$610	
DOMINION GSS DEMAND	\$	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	\$21,381	
DOMINION GSS CAPACITY	ŝ	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	\$15.070	
DOMINION GSS-TE DEMAND	ŝ	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26,882	\$26.882	\$26,882	
DOMINION GSS-TE CAPACITY	\$ S	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	\$19,957	
TENNESSEE FSMA DEMAND	э S	\$19,937	\$24.344	\$24,344		\$24.344					\$24,344	\$24.344		
	ų,	+ /-	* /-	* 1-	\$24,344	+ /-	\$24,344	\$24,344	\$24,344	\$24,344	+ /-	+ /-	\$24,344	
TENNESSEE FSMA CAPACITY	\$	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	\$15,084	
COLUMBIA FSS DEMAND	\$	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	\$3,835	
COLUMBIA FSS CAPACITY	\$	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	\$5,915	
KEYSPAN LNG TANK LEASE PAYMENTS	\$	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$157,500	\$1,890,000
TOTAL STORAGE DEMAND COSTS	\$	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$4,639,845
STORAGE DELIVERY FIXED COSTS														
ALGONQUIN FOR TETCO SS-1	\$	\$83.536	<b>©00 500</b>	<b>©00 500</b>	<b>©00 500</b>	¢00 500	\$83.536	©00 500	<b>©00 500</b>	<b>©00 500</b>	¢00 500	\$83.536	¢00 500	
ALGONQUIN FOR TETCO SS-1 ALGONQUIN DELIVERY FOR FSS-1	¢	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	\$83,536 \$5,577	
TETCO DELIVERY FOR FSS-1	¢	\$5,577 \$4,880	\$5,577 \$4,880	\$5,577 \$4,880	\$5,577 \$4,880	\$5,577 \$4.880	\$5,577 \$4.880	\$5,577 \$4.880	\$5,577 \$4,880	\$5,577 \$4,880	\$5,577 \$4.880	ຈວ,ວ77 \$4.880	\$5,577 \$4,880	
ALGONQUIN SCT FOR SS-1	¢	\$4,880 \$1,571	\$4,000 \$1,571	\$4,880 \$1,571	\$4,880 \$1,571	\$4,880 \$1,571	\$4,000 \$1,571	\$4,000 \$1,571	\$4,880 \$1,571	\$4,880 \$1,571	\$4,000 \$1,571	\$4,000 \$1,571	\$4,880 \$1,571	
ALGONQUIN SCT FOR 33-1 ALGONQUIN DELIVERY FOR GSS, GSS-TE	¢	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	\$65,240	
ALGONQUIN SCT DELIVERY FOR GSS-TE	¢	\$447	\$03,240 \$447	\$03,240 \$447	\$03,240 \$447	\$03,240	\$447	\$05,240	\$05,240	\$447	\$03,240 \$447	\$03,240 \$447	\$447	
ALGONQUIN DELIVERY FOR GSS-TE	¢	\$19.943	\$19,943	\$19,943	\$19,943	\$19,943	\$19.943	\$19,943	\$19,943	\$19,943	\$19,943	\$19.943	\$19,943	
TENNESSEE DELIVERY FOR GSS	¢	\$38,762	\$38,762	\$38,762	\$38,762	\$38,762	\$38,762	\$38,762	\$38,762	\$38,762	\$38.762	\$38,762	\$38,762	
TENNESSEE DELIVERY FOR FSMA	¢	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	\$25,062	
TETCO DELIVERY FOR GSS	¢	\$29,313	\$29,313	\$29,313	\$29,313	\$29.313	\$29,313	\$29,313	\$29,313	\$29,313	\$29,002	\$29,313	\$29,313	
TETCO DELIVERY FOR GSS-TE	¢	\$3,538	\$3,538	\$3,538	\$3,538	\$3,538	\$3.538	\$3,538	\$3,538	\$3,538	\$3,538	\$3.538	\$3,538	
TETCO DELIVERT FOR GSS-TE	¢	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	\$34,396	
TETCO DELIVERY FOR GSS CONV	¢	\$10,674	\$10,674			\$10,674					\$10,674		\$10,674	
DOMINION DELIVERY FOR GSS CONV	Ф Ф	\$10,674 \$23,339	\$10,674 \$23,339	\$10,674 \$23,339	\$10,674 \$23,339	\$10,674 \$23,339	\$10,674 \$0	\$10,674 \$0	\$10,674 \$0	\$10,674 \$0	\$10,674 \$0	\$10,674 \$0	\$10,674 \$0	
DOMINION DELIVERY FOR GSS DOMINION DELIVERY FOR GSS CONV	Ф Ф	\$23,339 \$9,005	\$23,339 \$9,005	\$23,339 \$9,005	\$23,339 \$9,005	\$23,339 \$9,005	\$0 \$9.005			\$0 \$9,005	ەن \$9,005	\$0 \$9,005		
ALGONQUIN DELIVERY FOR GSS CONV	¢						* - /	\$9,005	\$9,005				\$9,005	
COLUMBIA DELIVERY FOR FSS	\$ \$	\$15,038 \$14,758	\$15,038 \$14,758	\$15,038 \$14,758	\$15,038 \$14,758	\$15,038 \$14,758	\$15,038 \$14,758	\$15,038 \$7,276	\$15,038 \$7,276	\$15,038 \$7,376	\$15,038 \$7,376	\$15,038 \$7,376	\$15,038 \$7,276	
DISTRIGAS FLS CALL PAYMENT	ъ \$	ə14,708	\$14,738	J14,/38	\$14,738	J14,/ 08	\$14,758	\$7,376	\$7,376	φ <i>ι</i> ,3/6	٥/ ٦, ١	\$1,376	\$7,376	
TOTAL STORAGE DELIVERY DEMAND CHARGES	Φ													
TOTAL STORAGE DELIVERT DEMAND CHARGES														
TOTAL ALL DEMAND COSTS	\$													
IVIAL ALL DEWAND CUSIS	Φ													

Updated Attachment GLB-2 Docket No. 3892 Page 15 of 18

		Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	
		Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Total
Marketer Demand Charge Credits	1													
Capacity Release Volumes as of August 1	-													
Tennessee	Dth	3,698	3,698	3,698	3,698	3,698	3,698	3,698	3,698	3,698	3,698	3,698	3,698	
Algonquin	Dth	0	0	0	0	0	0	0	0	0	0	0	0	
Tetco STX/AGT	Dth	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	
Tetco WLA/AGT	Dth	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	
Tetco ELA/AGT	Dth	4,376	4,376	4,376	4,376	4,376	4,376	4,376	4,376	4,376	4,376	4,376	4,376	
Columbia/Downington	Dth	0	0	0	0	0	0	0	0	0	0	0	0	
Total		18,118	18,118	18,118	18,118	18,118	18,118	18,118	18,118	18,118	18,118	18,118	18,118	
Cost per Mmbtu		17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	17.9963	
Tennessee	\$/Dth	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	\$15.200	
Algonquin	\$/Dth	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	
Tetco STX/AGT	\$/Dth	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	\$28.922	
Tetco WLA/AGT	\$/Dth	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	\$22.106	
Tetco ELA/AGT	\$/Dth	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	\$19.168	
Columbia/Downington	\$/Dth	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	\$11.995	
Total Demand Charge Credit		\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	\$326,057	
Tennessee	\$	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	\$56,210	
Algonquin	\$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Tetco STX/AGT	\$	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	\$116,961	
Tetco WLA/AGT	\$	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	\$132,636	
Tetco ELA/AGT	\$	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	\$83,879	
Columbia/Downington	\$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$													
Demand Costs Net of Releases to Marketers	\$													
TOTAL PIPELINE DEMANDS	\$	\$2,614,313	\$2,614,461	\$2,612,887	\$2,611,116	\$2,613,184	\$2,612,076	\$2,613,184	\$2,612,076	\$2,613,184	\$2,613,184	\$2,612,076	\$2,613,184	\$31,354,926
TOTAL SUPPLIER DEMANDS	\$	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$302,000	\$3,624,000
TOTAL STORAGE FACILITIES	\$	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$386,654	\$4,639,845
TOTAL STORAGE DELIVERY DEMANDS	\$	\$385,078	\$480,078	\$480,078	\$480,078	\$385,078	\$361,739	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$354,357	\$4,698,272
Total All Demands	\$													
Capacity Release Revenues	\$													
Demand Net of Releases	\$	\$2,736,987	\$2,832,136	\$2,830,562	\$2,828,791	\$2,735,859	\$2,711,412	\$2,705,138	\$2,704,029	\$2,705,138	\$2,705,138	\$2,704,029	\$2,705,138	\$32,904,356

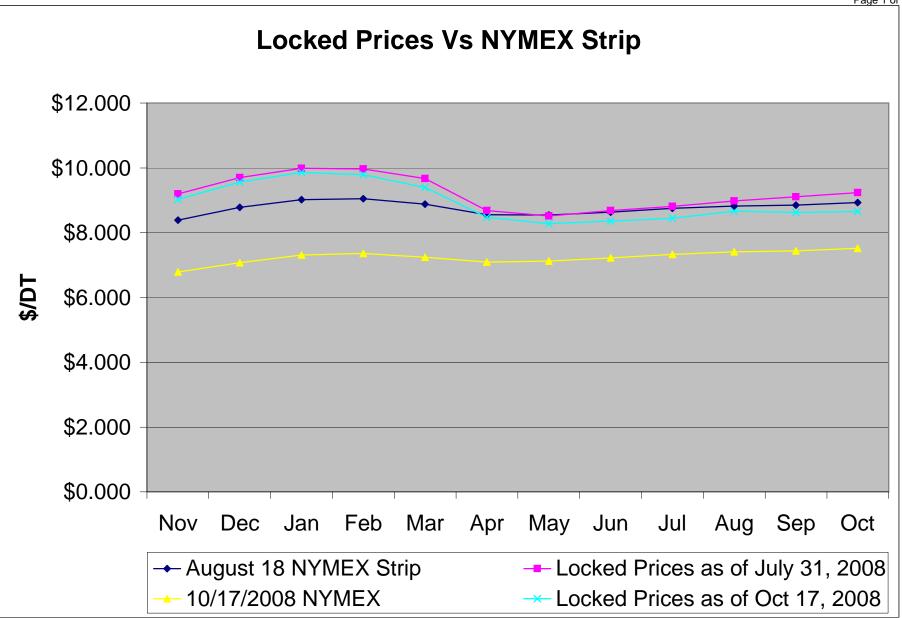
WACOG INJECTIONS Injection cost Total injection cost	Nov \$9.056 \$0.020 \$9.076	Dec \$9.588 \$0.020 \$9.608	<b>Jan</b> \$9.940 \$0.020 \$9.960	Feb \$9.837 \$0.020 \$9.857	<b>Mar</b> \$9.353 \$0.020 \$9.373	Apr \$8.284 \$0.020 \$8.304	May \$8.007 \$0.020 \$8.028	Jun \$8.064 \$0.020 \$8.084	Jul \$8.105 \$0.020 \$8.125	Aug \$8.212 \$0.020 \$8.232	<b>Sep</b> \$8.234 \$0.020 \$8.254	Oct \$8.265 \$0.020 \$8.285
COMBINED STORAGE Beginning Inv Vol Vol Withdrawn Vol Injected	<b>Nov</b> 4,494,525 8,586 0	<b>Dec</b> 4,485,939 731,062 0	<b>Jan</b> 3,754,876 1,266,308 0	<b>Feb</b> 2,488,568 1,188,342 0	<b>Mar</b> 1,300,227 566,045 0	<b>Apr</b> 734,182 0 525,779	<b>May</b> 1,259,961 0 553,154	<b>Jun</b> 1,813,115 0 545,425	<b>Jul</b> 2,358,540 0 554,841	<b>Aug</b> 2,913,381 0 492,474	<b>Sep</b> 3,405,855 0 478,409	<b>Oct</b> 3,884,264 0 433,194
Begining Inv \$ (virtual) \$ Withdrawn \$ Injected	\$42,742,933 \$75,817 \$0	\$42,667,116 \$6,953,355 \$0	\$35,713,761 \$12,044,237 \$0	\$23,669,524 \$11,302,675 \$0	\$12,366,849 \$5,383,822 \$0	\$6,983,027 \$0 \$4,366,294	\$11,349,321 \$0 \$4,440,452	\$15,789,773 \$0 \$4,409,159	\$20,198,932 \$0 \$4,508,229	\$24,707,160 \$0 \$4,053,922	\$28,761,082 \$0 \$3,949,020	\$32,710,102 \$0 \$3,589,034
Ending Vol Ending \$	4,485,939 \$42,667,116	3,754,876 \$35,713,761	2,488,568 \$23,669,524	1,300,227 \$12,366,849	734,182 \$6,983,027	1,259,961 \$11,349,321	1,813,115 \$15,789,773	2,358,540 \$20,198,932	2,913,381 \$24,707,160	3,405,855 \$28,761,082	3,884,264 \$32,710,102	4,317,458 \$36,299,137
Avg \$/Mmbtu	\$9.511	\$9.511	\$9.511	\$9.511	\$9.511	\$9.008	\$8.709	\$8.564	\$8.481	\$8.445	\$8.421	\$8.408
Withdrawal cost Transportation cost Costs allocated to fuel	\$2,440 \$4,477 \$1,772	\$17,297 \$33,601 \$322,123	\$25,500 \$48,344 \$565,389	\$22,386 \$40,001 \$532,011	\$8,906 \$19,405 \$248,480	\$127 \$1,062 \$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage value Less fuel	\$74,045	\$6,631,232	\$11,478,847	\$10,770,664	\$5,135,342	\$0	0	0	0	0	0	0
Delivered Volumes	8,400	697,195	1,206,864	1,132,407	539,920	0						

Updated Attachment GLB-2 Docket No. 3892 Page 17 of 18

10/17/2008 NYMEX	Nov \$6.786	Dec \$7.076	Jan \$7.306	Feb \$7.361	Mar \$7.236	Apr \$7.091	May \$7.121	Jun \$7.216	Jul \$7.326	Aug \$7.409	Sep \$7.439	Oct \$7.519
Trucking Delivered Cost - FCS contract	\$1.18 \$7.961	\$1.18 \$8.251	\$1.18 \$8.481	\$1.18 \$8.536	\$1.18 \$8.411	\$0.97 \$8.061	\$0.97 \$8.091	\$0.97 \$8.186	\$0.97 \$8.296	\$0.97 \$8.379	\$0.97 \$8.409	\$0.97 \$8.489
Basis FLS contract TGP Zone 6 Delivered Cost - FCS contract		\$1.72 \$9.97	\$1.72 \$10.20	\$1.72 \$10.26								
Basis New England Spot LNG Delivered Cost - FCS contract	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.50 \$10.56	\$2.50 \$10.59	\$2.50 \$10.69	\$2.50 \$10.80	\$2.50 \$10.88	\$2.50 \$10.91	\$2.50 \$10.99
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Combined LNG Inv Beginning Inv Vol Vol Injected - FCS Vol Injected - FLS	896,000 30,700	906,000 1,672 30,000	900,313 0 40,000	825,240 0 30,000	696,566 0 0	669,748 44,719 0	693,767 53,700 0	726,077 51,000 0	756,377 53,700 0	808,687 53,700 0	860,997 49,419 0	899,716 21,390 0
Vol Injected - Spot LNG Vol Withdrawn	20,700	30,000 0 37,359	40,000 0 115,073	0 158,674	0 26,818	0 20,700	0 21,390	0 20,700	20,000 21,390	20,000 21,390	10,000 20,700	6,281 21,390
Begining Inv \$ 11/1 = \$9.49 \$ Injected \$ Withdrawn	\$8,485,120 \$244,411 \$196,029	\$8,533,502 \$312,904 \$351,880	\$8,494,526 \$408,010 \$1,085,723	\$7,816,813 \$307,658 \$1,502,987	\$6,621,484 \$0 \$254,929	\$6,366,554 \$360,480 \$196,772	\$6,530,262 \$434,487 \$201,339	\$6,763,410 \$417,486 \$192,821	\$6,988,075 \$661,415 \$197,620	\$7,451,871 \$667,532 \$197,104	\$7,922,299 \$524,654 \$190,467	\$8,256,487 \$250,602 \$196,291
Ending Vol Ending \$	906,000 \$8,533,502	900,313 \$8,494,526	825,240 \$7,816,813	696,566 \$6,621,484	669,748 \$6,366,554	693,767 \$6,530,262	726,077 \$6,763,410	756,377 \$6,988,075	808,687 \$7,451,871	860,997 \$7,922,299	899,716 \$8,256,487	905,997 \$8,310,797
Avg \$/Dth	9.419	9.435	9.472	9.506	9.506	9.413	9.315	9.239	9.215	9.201	9.177	9.173
<b>Newport</b> Newport LNG Vol Vapor Avg \$/Dth Total cost	0 \$9.9613 \$0.00	680 \$10.2513 \$6,971	2,575 \$10.4813 \$26,989	1,400 \$10.5363 \$14,751	0 \$10.4113 \$0	0 \$10.0610 \$0.00	0 \$10.0910 \$0.00	0 \$10.1860 \$0.00	0 \$10.2960 \$0.00	0 \$10.3790 \$0.00	0 \$10.4090 \$0.00	0 \$10.4890 \$0.00
Total All LNG Costs	\$196,029	\$358,851	\$1,112,712	\$1,517,738	\$254,929	\$196,772	\$201,339	\$192,821	\$197,620	\$197,104	\$190,467	\$196,291

Storage Withdrawal variable costs	
2009 GCR Storage surcharge estimate	

2009 GCR Storage surcharge estimate	•												
0 0	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
Storage Withdrawals Dth						-	-			-			
TENN 8995	8,400	29,745	81,900	47,955	0	12,446	0	0	0	0	0	0	180,446
TENN 501	23,703	131,936	131,936	119,168	131,936	0	0	0	0	0	0	0	538,679
GSS 600045	120,742	267,654	292,237	263,956	267,654	0	0	0	0	0	0	0	1,212,243
GSS 300171	0	28,267	75,415	64,989	0	0	0	0	0	0	0	0	0
GSS 300169	0	38,879	63,085	54,945	26,725	0	0	0	0	0	0	0	183,634
GSS 300168	0	38,181	42,873	37,341	19,362	0	0	0	0	0	0	0	137,757
GSS 300170	0	91,823	152,641	131,400	10,512	0	0	0	0	0	0	0	386,376
TETCO_400221	0	193,774	308,889	285,129	39,541	0	0	0	0	0	0	0	827,333
TETCO_400515	0	11,328	14,726	13,594	2,492	0	0	0	0	0	0	0	42,140
TETCO 400185	0	10,398	13,517	12,478	5,141	0	0	0	0	0	0	0	41,534
COL FS 38010	0	21,267	71,096	39,575	20,396	0	0	0	0	0	0	0	152,334
TOTAL	152,845	863,252	,	1,070,530	523,759	12,446	0	0	0	0	0	0	,
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
STORAGE WITHDRAWAL PRICES		200	04			· .p.			· · ·		200		
Tennessee Withdrawal	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	
Dominion Withdrawal	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	\$0.0175	
Tetco SS-1 Withdrawal	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	\$0.0338	
Tetco FSS-1 Withdrawal	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	\$0.0254	
Columbia Withdrawal	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	
	••••	• • • • •	••••	• • • • • •		••••	••••		• • • • • •	••••	• • • • •	• • • • •	
GAS YEAR 2008 - 2009		-										<b>A</b> 1	
Withdrawal Costs	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Tennessee Withdrawal	\$327	\$1,649	\$2,181	\$1,705	\$1,346	\$127	\$0	\$0	\$0	\$0	\$0	\$0	\$7,335
Dominion Withdrawal	\$2,113	\$8,134	\$10,959	\$9,671	\$5,674	\$0 ©0	\$0	\$0 ©0	\$0	\$0	\$0	\$0	\$36,552
Tetco SS-1 Withdrawal	\$0 ©	\$6,901	\$10,897	\$10,059	\$1,510	\$0 ©0	\$0	\$0 ©0	\$0 ©0	\$0 ©0	\$0	\$0	\$29,368
Tetco FSS-1 Withdrawal	\$0	\$288	\$374	\$345	\$63	\$0	\$0	\$0 ©0	\$0	\$0	\$0	\$0	\$1,070
Columbia Withdrawal	\$0	\$325	\$1,088	\$605	\$312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,331
Totals	\$2,440	\$17,297	\$25,500	\$22,386	\$8,906	\$127	\$0	\$0	\$0	\$0	\$0	\$0	\$76,656
Storage Tramsportation Prices	<b>6</b> 0 <b>6</b>	<b>AA</b>	<b>AA - - - - -</b>	<b>AA C T T T</b>	A	A	A	A	<b>AA</b>	<b>AA C - - - -</b>	<b>A</b> A A	A	
Tennessee Transportation	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	
Dominion Trans on Tetco/AGT	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	\$0.0144	
Dominion Trans on Tennessee	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	\$0.0853	
Tetco SS-1 Trans	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Tetco FSS-1 Trans	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	\$0.0473	
Columbia Trans	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	\$0.0324	
Storage Transportation Costs													
Tennessee Transportation	\$2,738	\$13,791	\$18,240	\$14,256	\$11,254	\$1,062	\$0	\$0	\$0	\$0	\$0	\$0	\$61,341
Dominion Trans on Tetco/AGT	\$1,739	\$4,821	\$6,203	\$5,528	\$4,239	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,529
Dominion Trans on Tennseess	\$0	\$11,089	\$16,677	\$14,394	\$2,548	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,709
Tetco SS-1 Trans	\$0	\$2,675	\$4,224	\$3,899	\$585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,382
Tetco FSS-1 Trans	\$0	\$536	\$697	\$643	\$118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,993
Columbia Trans	\$0	\$689	\$2,304	\$1,282	\$661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,936
Total	\$4,477	\$33,601	\$48,344	\$40,001	\$19,405	\$1,062	\$0	\$0	\$0	\$0	\$0	\$0	\$146,890
Total Variable	\$6,918	\$50,899	\$73,843	\$62,387	\$28,311	\$1,189	\$0	\$0	\$0	\$0	\$0	\$0	\$223,546



Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 1 of 18

### National Grid Summary of Transportation Capacity Release Pipeline Path Availability and Pricing Nov 2008 - October 2009

Path to City Gate	As of 11/1/08 Existing Releases	Total Available	Remaining Available	Cost /Dth	New Credit/ Surcharge	Old Credit / Surcharge
Company Weighted Average				\$0.944		
Tennessee Zone 1	4,654	6,000	1,346	\$1.149	(\$0.205)	(\$0.323)
Algonquin @ Lambertville, NJ	0	2,714	2,714	\$1.142	(\$0.198)	(\$0.212)
Texas Eastern - South Texas Algonquin @ Lambertville, NJ	4,044	4,044	0	\$0.988	(\$0.044)	(\$0.258)
Texas Eastern - West La Algonquin @ Lambertville, NJ	5,945	6,000	55	\$1.307	(\$0.363)	(\$0.568)
Texas Eastern - East La Algonquin @ Lambertville, NJ	4,569	5,500	931	\$1.258	(\$0.313)	(\$0.504)
Columbia (Maumee/Downington) at 5:1 ratio**	0	1,000	1,000	\$0.909	\$0.035	(\$0.014)
Totals	19,212	25,258	6,046			

\*\* Note: Marketers selecting this path are assigned 5/6 of the amount selected at the Maumee, Ohio receipt point into Columbia and 1/5 at the Downington, Pa. Receipt into Columbia.

#### Gas Year 2008 - 2009 TEXAS EASTERN SOUTH TEXAS SUPPLY PATH COST MATRIX CITY GATE DELIVERED MDQ = 4,044 DTH

CITY GATE DELIVERED MDQ = 4,044 DTH				U	NIT PRICING									
Octobe 31, 2008 Update		NOV	DEC	JAN	FEB	MAD		MAY	II INI			050	007	TOTAL
FIXED		NOV	DEC	JAN	FED	MAR	APR	MA I	JUN	JUL	AUG	SEP	OCT	TOTAL
TETCO STX SUPPLY ZONE DEMAND	\$/Dth	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	\$6.74	
TECCO WLA SUPPLY ZONE DEMAND	\$/Dth	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	
TETCO ELA SUPPLY ZONE DEMAND	\$/Dth	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	
TETCO STX M1 TO M3 DEMAND	\$/Dth	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	
ALGONQUIN AFT-E DEMAND	\$/Dth	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	
VARIABLE														
TETCO USAGE STX TO M3	\$/Dth	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	
ALGONQUIN USAGE	\$/Dth	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	
10/17/2008 NYMEX	\$/Dth	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519	
SUPPLY AREA BASIS (3 yr average) NET COST AFTER BASIS	\$/Dth \$/Dth	(\$0.662) \$6.12	(\$0.662) \$6.41	(\$0.662) \$6.64	(\$0.662) \$6.70	(\$0.662) \$6.57	(\$0.662) \$6.43	(\$0.662) \$6.46	(\$0.662) \$6.55	(\$0.662) \$6.66	(\$0.662) \$6.75	(\$0.662) \$6.78	(\$0.662) \$6.86	
NET COST AFTER BASIS	\$/Dth	<b>Φ0.12</b>	<b>Ф0.4</b> I	<b>0.0</b> 4	\$0.70	\$0.57	<b>Ф</b> 0.43	<b>ф0.40</b>	\$0.00	\$0.00	φ0.75	<b>\$0.78</b>	\$0.00	
				В	ILLING UNITS	5								
FIXED														
TETCO STX SUPPLY ZONE DEMAND	\$/Dth	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	
TECCO WLA SUPPLY ZONE DEMAND	\$/Dth	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	4,096	
TETCO ELA SUPPLY ZONE DEMAND TETCO STX M1 TO M3 DEMAND	\$/Dth \$/Dth	4,096 4,096												
ALGONQUIN AFT-E DEMAND	\$/Dth	4,044	4,030	4,090	4,030	4,090	4,090	4,030	4,090	4,030	4,090	4,030	4,090	48,528
VARIABLE	φιστη	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	40,020
TETCO USAGE STX TO M3	Dth	132,200	139,208	139,208	125,736	139,208	132,200	136,606	132,200	136,606	136,606	132,200	136,606	1,618,583
ALGONQUIN USAGE	Dth	122,126	127,041	127,041	114,747	127,041	122,126	126,197	122,126	126,197	126,197	122,126	126,197	1,489,161
PURCHASE VOLUMES	Dth	132,200	139,208	139,208	125,736	139,208	132,200	136,606	132,200	136,606	136,606	132,200	136,606	1,618,583
DELIVERED VOLUMES	Dth	121,320	125,364	125,364	113,232	125,364	121,320	125,364	121,320	125,364	125,364	121,320	125,364	1,476,060
TETCO STX M1 TO M3 FUEL	%	7.62%	8.74%	8.74%	8.74%	8.74%	7.62%	7.62%	7.62%	7.62%	7.62%	7.62%	7.62%	
ALGONQUIN AFT-E FUEL	%	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
	¢	¢07.504	¢07 504	¢07 504	¢07 504	¢07.504	¢07.604	¢07.604	¢07.604	¢07 504	¢07.604	¢07 504	¢07 E04	¢224.000
TETCO STX SUPPLY ZONE DEMAND TECCO WLA SUPPLY ZONE DEMAND	\$ \$	\$27,591 \$11,461	\$331,088 \$137,527											
TETCO ELA SUPPLY ZONE DEMAND	э \$	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$9,675	\$116,097
TETCO STX M1 TO M3	\$	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$45,097	\$541,164
ALGONQUIN AFT-E	\$	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$24,171	\$290,057
VARIABLE														
TETCO USAGE STX TO M3	\$	\$5,143	\$5,415	\$5,415	\$4,891	\$5,415	\$5,143	\$5,314	\$5,143	\$5,314	\$5,314	\$5,143	\$5,314	\$62,963
ALGONQUIN USAGE	\$	\$1,600	\$1,664	\$1,664	\$1,503	\$1,664	\$1,600	\$1,653	\$1,600	\$1,653	\$1,653	\$1,600	\$1,653	\$19,508
PURCHASE COST	\$	\$809,591	\$892,878	\$924,896	\$842,305	\$915,151	\$849,912	\$882,340	\$866,436	\$910,344	\$921,683	\$895,917	\$936,709	\$10,648,163
TOTAL FIXED	\$	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$117,994	\$1,415,932
TOTAL VARIABLE	\$	\$816,333	\$899,958	\$931,975	\$848,700	\$922,231	\$856,654	\$889,307	\$873,179	\$917,312	\$928,650	\$902,659	\$943,677	\$10,730,634
			<b></b>		···· ···			•••• = · -	••== · · ·		<b></b>	·····		• · • • • • • • • • • •
DELIVERED COST AT NYMEX	\$	\$823,278	\$887,076	\$915,909	\$833,501	\$907,134	\$860,280	\$892,717	\$875,445	\$918,417	\$928,822	\$902,499	\$942,612	\$10,687,689
NET NON-GAS VARIABLE COST	\$ ¢/D±h	-\$6,944	\$12,882	\$16,066	\$15,199	\$15,097	-\$3,626	-\$3,410	-\$2,266	-\$1,105	-\$172	\$160	\$1,065	\$42,944
AVERAGE NON-GAS VARIABLE COST	\$/Dth	-\$0.057	\$0.103	\$0.128	\$0.134	\$0.120	-\$0.030	-\$0.027	-\$0.019	-\$0.009	-\$0.001	\$0.001	\$0.008	\$0.029
AVERAGE FIXED COST	\$/Dth													29.18
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth													0.959
TOTAL PATH COST	\$/Dth													0.988

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 3 of 18

#### Gas Year 2008 - 2009 TEXAS EASTERN WEST LOUISIANA SUPPLY PATH TO ALGONQUIN CITY GATE CITY GATE DELIVERED MDQ = 6,000 DTH

TEXAS EASTERN WEST LOUISIANA SUPP CITY GATE DELIVERED MDQ = 6,000 DTH	LY PATH TO A	LGONQUIN CIT	Y GATE	U	NIT PRICING									
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
FIXED														
TETCO WLA SUPPLY ZONE DEMAND	\$/Dth	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	\$2.80	
TETCO ELA SUPPLY ZONE DEMAND	\$/Dth	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	
TETCO WLA M1 TO M3 DEMAND	\$/Dth	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	
ALGONQUIN AFT-E DEMAND VARIABLE	\$/Dth	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	
TETCO USAGE WLA TO M3	\$/Dth	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	
ALGONQUIN USAGE	\$/Dth	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	
10/17/2008 NYMEX	\$/Dth	\$6.79	\$7.08	\$7.31	\$7.36	\$7.24	\$7.09	\$7.12	\$7.22	\$7.33	\$7.41	\$7.44	\$7.52	
SUPPLY AREA BASIS (3 yr average)	\$/Dth	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	
NET COST AFTER BASIS	\$/Dth	\$6.67	\$6.96	\$7.19	\$7.25	\$7.12	\$6.98	\$7.01	\$7.10	\$7.21	\$7.29	\$7.32	\$7.40	
FIXED				В	ILLING UNITS	6								
TETCO WLA SUPPLY ZONE DEMAND	Dth	3,053	3,053	3,053	2 052	3,053	2 052	3,053	3,053	3,053	3,053	3,053	3,053	
TETCO ELA SUPPLY ZONE DEMAND	Dth	3,053	3,053	3,053	3,053 3,053	3,053	3,053 3,053	3,053	3,053	3,053	3,053	3,053	3,053	
TETCO WLA M1 TO M3 DEMAND	Dth	3,053	3,053	3,053	3,053	3,053	3,053	3,053	3,053	3,053	3,053	3,053	3,053	
ALGONQUIN AFT-E DEMAND	Dth	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
VARIABLE	Bui	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	00,000
TETCO USAGE WLA TO M3	Dth	97,417	102,361	102,361	92,455	102,361	97,417	100,664	97,417	100,664	100,664	97,417	100,664	1,191,865
ALGONQUIN USAGE	Dth	90,598	94,244	94,244	85,124	94,244	90,598	93,618	90,598	93,618	93,618	90,598	93,618	1,104,719
PURCHASE VOLUMES	Dth	97,417	102,361	102,361	92,455	102,361	97,417	100,664	97,417	100,664	100,664	97,417	100,664	1,191,865
DELIVERED VOLUMES	Dth	90,000	93,000	93,000	84,000	93,000	90,000	93,000	90,000	93,000	93,000	90,000	93,000	1,095,000
				F	UEL USE %									
TETCO WLA M1 TO M3 FUEL	%	7.00%	7.93%	7.93%	7.93%	7.93%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	
ALGONQUIN AFT-E FUEL	%	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
FIXED														
TETCO WLA SUPPLY ZONE	\$	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$8,542	\$102,508
TETCO ELA SUPPLY ZONE DEMAND	\$	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$7,211	\$86,534
TETCO WLA M1 TO M3	\$	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$33,614	\$403,362
ALGONQUIN AFT-E VARIABLE	\$	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$215,176
TETCO USAGE WLA TO M3	\$	\$3,790	\$3,982	\$3,982	\$3,597	\$3,982	\$3,790	\$3,916	\$3,790	\$3,916	\$3,916	\$3,790	\$3,916	\$46,364
ALGONQUIN USAGE	\$	\$1,187	\$1,235	\$1,235	\$1,115	\$1,235	\$1,187	\$1,226	\$1,187	\$1,226	\$1,226	\$1,187	\$1,226	\$14,472
PURCHASE COST	\$	\$649,772	\$712,434	\$735,978	\$669,839	\$728,812	\$679,485	\$705,154	\$691,662	\$725,790	\$734,145	\$713,386	\$745,218	\$8,491,676
TOTAL FIXED	\$	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$67,298	\$807,580
TOTAL VARIABLE	\$	\$654,749	\$717,651	\$741,194	\$674,551	\$734,029	\$684,461	\$710,296	\$696,638	\$730,932	\$739,288	\$718,362	\$750,361	\$8,552,511
DELIVERED VOLUMES AT NYMEX	\$	\$610,740	\$658,068	\$679,458	\$618,324	\$672,948	\$638,190	\$662,253	\$649,440	\$681,318	\$689,037	\$669,510	\$699,267	\$7,928,553
NET NON-GAS VARIABLE COST	\$	\$44,009	\$59,583	\$61,736	\$56,227	\$61,081	\$46,271	\$48,043	\$47,198	\$49,614	\$50,251	\$48,852	\$51,094	\$623,958
AVERAGE NON-GAS VARIABLE COST	\$/Dth	\$0.49	\$0.64	\$0.66	\$0.67	\$0.66	\$0.51	\$0.52	\$0.52	\$0.53	\$0.54	\$0.54	\$0.55	\$0.57
AVERAGE FIXED COST	\$/Dth													\$22.433
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth													\$0.738
TOTAL PATH COST	\$/Dth													\$1.307
														-

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 4 of 18

### Gas Year 2008 - 2009 TEXAS EASTERN EAST LOUISIANA SUPPLY PATH TO ALGONQUIN CITY GATE CITY GATE DELIVERED MDQ = 5,500 DTH

TEXAS EASTERN EAST LOUISIANA SUPPL CITY GATE DELIVERED MDQ = 5,500 DTH	Υ ΡΑΤΗ ΤΟ Α	LGONQUIN CIT	Y GATE	1	UNIT PRICING	3								
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
FIXED														
TETCO ELA SUPPLY ZONE DEMAND	\$/Dth	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	\$2.36	
TETCO ELA M1 TO M3 DEMAND	\$/Dth	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	\$11.01	
ALGONQUIN AFT-E DEMAND	\$/Dth	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	
VARIABLE														
TETCO USAGE ELA TO M3	\$/Dth	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	\$0.039	
ALGONQUIN USAGE	\$/Dth	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	
10/17/2008 NYMEX	\$/Dth	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519	
SUPPLY AREA BASIS (3 yr average)	\$/Dth	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	
NET COST AFTER BASIS	\$/Dth	\$6.735	\$7.025	\$7.255	\$7.310	\$7.185	\$7.040	\$7.070	\$7.165	\$7.275	\$7.358	\$7.388	\$7.468	
				l	BILLING UNIT	s								
FIXED														
TETCO ELA SUPPLY ZONE DEMAND	Dth	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	
TETCO ELA M1 TO M3 DEMAND	Dth	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	5,512	
ALGONQUIN AFT-E DEMAND	Dth	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	65,304
VARIABLE	D.I	170.000			407 004		170.000		170 000	400.000	400.000	170.000		
TETCO USAGE ELA TO M3	Dth	176,222	184,960	184,960	167,061	184,960	176,222	182,096	176,222	182,096	182,096	176,222	182,096	2,155,214
ALGONQUIN USAGE	Dth Dth	164,345	170,959	170,959	154,414	170,959	164,345	169,823	164,345	169,823	169,823	164,345	169,823	2,003,960
PURCHASE VOLUMES DELIVERED VOLUMES	Dth	176,222 163,260	184,960 168,702	184,960	167,061 152,376	184,960 168,702	176,222	182,096	176,222 163,260	182,096	182,096 168,702	176,222 163,260	182,096	2,155,214
DELIVERED VOLUMES	Din	163,260	100,702	168,702	152,376	166,702	163,260	168,702	163,260	168,702	108,702	163,260	168,702	1,986,330
				I	FUEL USE %									
TETCO ELA M1 TO M3 FUEL	%	6.74%	7.57%	7.57%	7.57%	7.57%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	
ALGONQUIN AFT-E FUEL	%	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
FIXED														
TETCO ELA SUPPLY ZONE	\$	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$13,019	\$156,232
TETCO ELA M1 TO M3	\$	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$60,687	\$728,246
ALGONQUIN AFT-E	\$	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$32,527	\$390,329
VARIABLE														
TETCO USAGE ELA TO M3	\$	\$6,855	\$7,195	\$7,195	\$6,499	\$7,195	\$6,855	\$7,084	\$6,855	\$7,084	\$7,084	\$6,855	\$7,084	\$83,838
ALGONQUIN USAGE	\$	\$2,153	\$2,240	\$2,240	\$2,023	\$2,240	\$2,153	\$2,225	\$2,153	\$2,225	\$2,225	\$2,153	\$2,225	\$26,252
PURCHASE COST	\$	\$1,186,855	\$1,299,345	\$1,341,886	\$1,221,214	\$1,328,939	\$1,240,603	\$1,287,419	\$1,262,631	\$1,324,749	\$1,339,863	\$1,301,928	\$1,359,894	\$15,495,327
TOTAL FIXED	\$	\$106,234	\$106,234	\$106,234	\$106,234	\$106.234	\$106.234	\$106.234	\$106.234	\$106,234	\$106.234	\$106.234	\$106,234	\$1.274.806
TOTAL VARIABLE	ŝ	\$1,195,863	\$1,308,779	\$1,351,320	\$1,229,736	\$1,338,373	\$1,249,611	\$1,296,728	\$1,271,639	\$1,334,057	\$1,349,171	\$1,310,936	\$1,369,202	\$15,605,417
	÷	÷.,,,	,			,,	,=,	,=,. 20	,,			,,		,,
DELIVERED VOLUMES AT NYMEX	\$	\$1,107,882	\$1,193,735	\$1,232,537	\$1,121,640	\$1,220,728	\$1,157,677	\$1,201,327	\$1,178,084	\$1,235,911	\$1,249,913	\$1,214,491	\$1,268,470	\$14,382,395
NET NON-GAS VARIABLE COST	\$	\$87,981	\$115,044	\$118,783	\$108,096	\$117,645	\$91,934	\$95,401	\$93,555	\$98,147	\$99,258	\$96,445	\$100,732	\$1,223,022
AVERAGE NON-GAS VARIABLE COST	\$/Dth	\$0.539	\$0.682	\$0.704	\$0.709	\$0.697	\$0.563	\$0.565	\$0.573	\$0.582	\$0.588	\$0.591	\$0.597	\$0.616
AVERAGE FIXED COST	\$/Dth													\$19.521
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth													\$0.642
TOTAL PATH COST	\$/Dth													\$1.258

UNIT PRICING

### Gas Year 2008 - 2009 MAUMEE/DOWNINGTON COLUMBIA PATH TO CITY GATE CITY GATE DELIVERED MDQ = 1,000 DTH

CITY GATE DELIVERED MDQ = 1,000 DTH				Ľ	INIT PRICING									
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
FIXED														
COLUMBIA FTS DEMAND	\$/Dth	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	
ALGONQUIN DEMAND	\$/Dth	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	
VARIABLE														
COLUMBIA USAGE	\$/Dth	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	\$0.016	
ALGONQUIN USAGE	\$/Dth	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	\$0.013	
10/17/2008 NYMEX	\$/Dth	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519	
SUPPLY BASIS MAUMEE	\$/Dth	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	\$0.327	
SUPPLY BASIS DOWNINGTON	\$/Dth	\$1.203	\$1.203	\$1.203	\$1.203	\$1.203	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	
NET COST AFTER BASIS MAUMEE	\$/Dth	\$7.113	\$7.403	\$7.633	\$7.688	\$7.563	\$7.418	\$7.448	\$7.543	\$7.653	\$7.736	\$7.766	\$7.846	
NET COST AFTER BASIS MADINEE					\$7.000 \$8.564						\$8.032			
NET COST AFTER BASIS DOWNINGTON	\$/Dth	\$7.989	\$8.279	\$8.509	\$8.964	\$8.439	\$7.714	\$7.744	\$7.839	\$7.949	\$8.U3Z	\$8.062	\$8.142	
FIXED				E	BILLING UNITS	S								
COLUMBIA FTS DEMAND	Dth	3,039	3,039	3,039	3,039	3,039	3,039	3,039	3,039	3,039	3,039	3,039	3,039	
		,						,	,	,				
ALGONQUIN DEMAND	Dth	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
COLUMBIA USAGE	Dth	90,598	94,244	94,244	85,124	94,244	90,598	93,618	90,598	93,618	93,618	90,598	93,618	
ALGONQUIN USAGE	Dth	90,000	93,000	93,000	84,000	93,000	90,000	93,000	90,000	93,000	93,000	90,000	93,000	
PURCHASE VOLUMES MAUMEE	Dth	75,498	,	78,537	70,936			78,015	75,498	78,015	78,015	75,498	78,015	
PURCHASE VOLUMES MADMEE	Dth	15,100	78,537	,	,	78,537	75,498			15,603	,			
			15,707	15,707	14,187	15,707	15,100	15,603	15,100	,	15,603	15,100	15,603	040 500
DELIVERED VOLUMES MAUMEE	Dth	75,000	77,500	77,500	70,000	77,500	75,000	77,500	75,000	77,500	77,500	75,000	77,500	912,500
DELIVERED VOLUMES DOWNINGTON	Dth	15,000	15,500	15,500	14,000	15,500	15,000	15,500	15,000	15,500	15,500	15,000	15,500	182,500
				F	UEL USE %									
COLUMBIA FUEL	%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	
ALGONQUIN AFT-E FUEL	%	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
FIXED														
COLUMBIA FTS DEMAND	\$	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$18,140	\$217.677
ALGONQUIN DEMAND	\$	\$17.931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$17,931	\$215,176
VARIABLE	Ŷ	<b>\$11,001</b>	<b>\$11,001</b>	<i><b>Q</b></i> 11,001	<i>Q</i> ,001	<i>Q</i> ,001	<b>\$11,001</b>	<b>\$</b> 11,001	<i>Q</i> ,001	<b>\$11,001</b>	<b>\$</b> 11,001	<i>Q</i> ,001	<b>\$11,001</b>	<i>\</i> 210,110
COLUMBIA USAGE	\$	\$1,486	\$1,546	\$1,546	\$1,396	\$1,546	\$1,486	\$1,535	\$1.486	\$1.535	\$1,535	\$1,486	\$1.535	\$18.117
ALGONQUIN USAGE	\$	\$1,179	\$1,218	\$1,218	\$1,100	\$1,218	\$1,179	\$1,218	\$1,179	\$1,218	\$1,218	\$1,179	\$1,218	\$14,345
PURCHASE COST MAUMEE	\$	\$537,019	\$581,407	\$599,471	\$545,359	\$593,973	\$560,046	\$581,055	\$569,484	\$597,048	\$603,523	\$586,320	\$612,105	\$6,966,809
PURCHASE COST DOWNINGTON	\$	\$120,631	\$130,041	\$133,654	\$121,500	\$132,554	\$116,479	\$120,829	\$118,366	\$124,028	\$125,323	\$121,733	\$127,039	\$1,492,179
I BROHAGE COOT DOWNINGTON	Ψ	ψ120,001	ψ130,0 <del>4</del> 1	ψ100,00 <del>1</del>	ψ121,500	ψ102,004	ψ110,475	ψ120,023	ψ110,500	ψ124,020	ψ120,020	ψ121,755	ψ127,000	φ1, <del>4</del> 32,175
TOTAL FIXED	\$	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$36,071	\$432,853
TOTAL VARIABLE	\$	\$660,315	\$714,212	\$735,888	\$669,355	\$729,291	\$679,190	\$704,638	\$690,515	\$723,830	\$731,600	\$710,718	\$741,898	\$8,491,450
DELIVERED VOLUMES AT NYMEX	\$	\$610,740	\$658,068	\$679,458	\$618,324	\$672,948	\$638,190	\$662,253	\$649,440	\$681,318	\$689,037	\$669,510	\$699,267	\$7,928,553
NET NON-GAS VARIABLE COST	\$	\$49,575	\$56,144	\$56,430	\$51,031	\$56,343	\$41,000	\$42,385	\$41,075	\$42,512	\$42,563	\$41,208	\$42,631	\$562,897
AVERAGE NON-GAS VARIABLE COST	\$/Dth	\$0.551	\$0.604	\$0.607	\$0.608	\$0.606	\$0.456	\$0.456	\$0.456	\$0.457	\$0.458	\$0.458	\$0.458	\$0.514
AVERAGE FIXED COST	\$/Dth													\$12.024
	•													
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth													\$0.395
TOTAL PATH COST	\$/Dth													\$0.909

#### Gas Year 2008 - 2009 TENNESSEE ZONE 1 TO CITY GATE CITY GATE DELIVERED MDQ = 6 000 DTH

CITY GATE DELIVERED MDQ = 6,000 DTH														
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
FIXED														
TENNESSEE ZONE 1 TO 6 DEMAND VARIABLE	\$/Dth	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	
TENNESSE ZONE 1 TO 6 USAGE	\$/Dth	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	\$0.152	
10/17/2008 NYMEX	\$/Dth	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519	
SUPPLY AREA BASIS (3 yr average)	\$/Dth	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	
NET COST AFTER BASIS	\$/Dth	\$6.721	\$7.011	\$7.241	\$7.296	\$7.171	\$7.026	\$7.056	\$7.151	\$7.261	\$7.344	\$7.374	\$7.454	
FIXED														
TENNESSEE ZONE 1 TO 6 DEMAND VARIABLE	Dth	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	72,000
TENNESSE ZONE 1 TO 6 USAGE	Dth	195,270	201,779	201,779	182,252	201,779	192,864	199,293	192,864	199,293	199,293	192,864	199,293	2,358,623
PURCHASE VOLUMES	Dth	195,270	201,779	201,779	182,252	201,779	192,864	199,293	192,864	199,293	199,293	192,864	199,293	2,358,623
DELIVERED VOLUMES	Dth	180,000	186,000	186,000	168,000	186,000	180,000	186,000	180,000	186,000	186,000	180,000	186,000	2,190,000
TENNESSEE ZONE 1 TO 6 FUEL	%	7.82%	7.82%	7.82%	7.82%	7.82%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	
					TRANSPORT	ATION COST								
FIXED														
TENNESSEE ZONE 1 TO 6 DEMAND					¢00 000	¢00 000	\$90,900	\$90,900	000 000	\$90.900	\$90,900	\$90,900	\$90.900	\$1,090,800
VARIABLE	\$	\$90,900	\$90,900	\$90,900	\$90,900	\$90,900	ψ30,300	φ90,900	\$90,900	\$90,900	490,900	\$90,900	• • • • • • •	
	\$	\$90,900 \$29,720	\$90,900 \$30,711	\$90,900 \$30,711	\$90,900	\$90,900	\$29,354	\$30,332	\$29,354	\$30,332	\$30,332	\$29,354	\$30,332	\$358,982
VARIABLE	•	,	• ,											\$358,982 \$16,923,660
VARIABLE TENNESSE ZONE 1 TO 6 USAGE	\$ \$	\$29,720 \$1,312,411	\$30,711 \$1,414,673	\$30,711 \$1,461,083	\$27,739 \$1,329,711	\$30,711 \$1,446,958	\$29,354 \$1,355,063	\$30,332 \$1,406,210	\$29,354 \$1,379,171	\$30,332 \$1,447,065	\$30,332 \$1,463,607	\$29,354 \$1,422,179	\$1,485,529	\$16,923,660
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST	\$	\$29,720	\$30,711	\$30,711	\$27,739	\$30,711	\$29,354	\$30,332	\$29,354	\$30,332	\$30,332	\$29,354	\$1,485,529 \$90,900	
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST TOTAL FIXED TOTAL VARIABLE DELIVERED VOLUMES AT NYMEX	\$ \$ \$ \$	\$29,720 \$1,312,411 \$90,900 \$1,342,131 \$1,221,480	\$30,711 \$1,414,673 \$90,900 \$1,445,384 \$1,316,136	\$30,711 \$1,461,083 \$90,900 \$1,491,793 \$1,358,916	\$27,739 \$1,329,711 \$90,900 \$1,357,450 \$1,236,648	\$30,711 \$1,446,958 \$90,900 \$1,477,669 \$1,345,896	\$29,354 \$1,355,063 \$90,900 \$1,384,417 \$1,276,380	\$30,332 \$1,406,210 \$90,900	\$29,354 \$1,379,171 \$90,900 \$1,408,525 \$1,298,880	\$30,332 \$1,447,065 \$90,900 \$1,477,398 \$1,362,636	\$30,332 \$1,463,607 \$90,900 \$1,493,939 \$1,378,074	\$29,354 \$1,422,179 \$90,900 \$1,451,533 \$1,339,020	\$1,485,529 \$90,900 \$1,515,861 \$1,398,534	\$16,923,660 \$1,090,800 \$17,282,642 \$15,857,106
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST TOTAL FIXED TOTAL VARIABLE DELIVERED VOLUMES AT NYMEX NET NON-GAS VARIABLE COST	\$ \$ \$ \$ \$	\$29,720 \$1,312,411 \$90,900 \$1,342,131 \$1,221,480 \$120,651	\$30,711 \$1,414,673 \$90,900 \$1,445,384 \$1,316,136 \$129,248	\$30,711 \$1,461,083 \$90,900 \$1,491,793 \$1,358,916 \$132,877	\$27,739 \$1,329,711 \$90,900 \$1,357,450 \$1,236,648 \$120,802	\$30,711 \$1,446,958 \$90,900 \$1,477,669 \$1,345,896 \$131,773	\$29,354 \$1,355,063 \$90,900 \$1,384,417 \$1,276,380 \$108,037	\$30,332 \$1,406,210 \$90,900 \$1,436,543 \$1,324,506 \$112,037	\$29,354 \$1,379,171 \$90,900 \$1,408,525 \$1,298,880 \$109,645	\$30,332 \$1,447,065 \$90,900 \$1,477,398 \$1,362,636 \$114,762	\$30,332 \$1,463,607 \$90,900 \$1,493,939 \$1,378,074 \$115,865	\$29,354 \$1,422,179 \$90,900 \$1,451,533 \$1,339,020 \$112,513	\$1,485,529 \$90,900 \$1,515,861 \$1,398,534 \$117,327	\$16,923,660 \$1,090,800 \$17,282,642 \$15,857,106 \$1,425,536
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST TOTAL FIXED TOTAL VARIABLE DELIVERED VOLUMES AT NYMEX	\$ \$ \$ \$	\$29,720 \$1,312,411 \$90,900 \$1,342,131 \$1,221,480	\$30,711 \$1,414,673 \$90,900 \$1,445,384 \$1,316,136	\$30,711 \$1,461,083 \$90,900 \$1,491,793 \$1,358,916	\$27,739 \$1,329,711 \$90,900 \$1,357,450 \$1,236,648	\$30,711 \$1,446,958 \$90,900 \$1,477,669 \$1,345,896	\$29,354 \$1,355,063 \$90,900 \$1,384,417 \$1,276,380	\$30,332 \$1,406,210 \$90,900 \$1,436,543 \$1,324,506	\$29,354 \$1,379,171 \$90,900 \$1,408,525 \$1,298,880	\$30,332 \$1,447,065 \$90,900 \$1,477,398 \$1,362,636	\$30,332 \$1,463,607 \$90,900 \$1,493,939 \$1,378,074	\$29,354 \$1,422,179 \$90,900 \$1,451,533 \$1,339,020	\$1,485,529 \$90,900 \$1,515,861 \$1,398,534	\$16,923,660 \$1,090,800 \$17,282,642 \$15,857,106
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST TOTAL FIXED TOTAL VARIABLE DELIVERED VOLUMES AT NYMEX NET NON-GAS VARIABLE COST AVERAGE NON-GAS VARIABLE COST AVERAGE FIXED COST	\$ \$ \$ \$/Dth	\$29,720 \$1,312,411 \$90,900 \$1,342,131 \$1,221,480 \$120,651	\$30,711 \$1,414,673 \$90,900 \$1,445,384 \$1,316,136 \$129,248	\$30,711 \$1,461,083 \$90,900 \$1,491,793 \$1,358,916 \$132,877	\$27,739 \$1,329,711 \$90,900 \$1,357,450 \$1,236,648 \$120,802	\$30,711 \$1,446,958 \$90,900 \$1,477,669 \$1,345,896 \$131,773	\$29,354 \$1,355,063 \$90,900 \$1,384,417 \$1,276,380 \$108,037	\$30,332 \$1,406,210 \$90,900 \$1,436,543 \$1,324,506 \$112,037	\$29,354 \$1,379,171 \$90,900 \$1,408,525 \$1,298,880 \$109,645	\$30,332 \$1,447,065 \$90,900 \$1,477,398 \$1,362,636 \$114,762	\$30,332 \$1,463,607 \$90,900 \$1,493,939 \$1,378,074 \$115,865	\$29,354 \$1,422,179 \$90,900 \$1,451,533 \$1,339,020 \$112,513	\$1,485,529 \$90,900 \$1,515,861 \$1,398,534 \$117,327	\$16,923,660 \$17,282,642 \$15,857,106 \$1,425,536 <b>\$0.651</b> \$15,150
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST TOTAL FIXED TOTAL VARIABLE DELIVERED VOLUMES AT NYMEX NET NON-GAS VARIABLE COST AVERAGE NON-GAS VARIABLE COST	\$ \$ \$ \$ \$/Dth	\$29,720 \$1,312,411 \$90,900 \$1,342,131 \$1,221,480 \$120,651	\$30,711 \$1,414,673 \$90,900 \$1,445,384 \$1,316,136 \$129,248	\$30,711 \$1,461,083 \$90,900 \$1,491,793 \$1,358,916 \$132,877	\$27,739 \$1,329,711 \$90,900 \$1,357,450 \$1,236,648 \$120,802	\$30,711 \$1,446,958 \$90,900 \$1,477,669 \$1,345,896 \$131,773	\$29,354 \$1,355,063 \$90,900 \$1,384,417 \$1,276,380 \$108,037	\$30,332 \$1,406,210 \$90,900 \$1,436,543 \$1,324,506 \$112,037	\$29,354 \$1,379,171 \$90,900 \$1,408,525 \$1,298,880 \$109,645	\$30,332 \$1,447,065 \$90,900 \$1,477,398 \$1,362,636 \$114,762	\$30,332 \$1,463,607 \$90,900 \$1,493,939 \$1,378,074 \$115,865	\$29,354 \$1,422,179 \$90,900 \$1,451,533 \$1,339,020 \$112,513	\$1,485,529 \$90,900 \$1,515,861 \$1,398,534 \$117,327	\$16,923,660 \$1,090,800 \$17,282,642 \$15,857,106 \$1,425,536 <b>\$0.651</b>
VARIABLE TENNESSE ZONE 1 TO 6 USAGE PURCHASE COST TOTAL FIXED TOTAL VARIABLE DELIVERED VOLUMES AT NYMEX NET NON-GAS VARIABLE COST AVERAGE NON-GAS VARIABLE COST AVERAGE FIXED COST	\$ \$ \$ \$/Dth	\$29,720 \$1,312,411 \$90,900 \$1,342,131 \$1,221,480 \$120,651	\$30,711 \$1,414,673 \$90,900 \$1,445,384 \$1,316,136 \$129,248	\$30,711 \$1,461,083 \$90,900 \$1,491,793 \$1,358,916 \$132,877	\$27,739 \$1,329,711 \$90,900 \$1,357,450 \$1,236,648 \$120,802	\$30,711 \$1,446,958 \$90,900 \$1,477,669 \$1,345,896 \$131,773	\$29,354 \$1,355,063 \$90,900 \$1,384,417 \$1,276,380 \$108,037	\$30,332 \$1,406,210 \$90,900 \$1,436,543 \$1,324,506 \$112,037	\$29,354 \$1,379,171 \$90,900 \$1,408,525 \$1,298,880 \$109,645	\$30,332 \$1,447,065 \$90,900 \$1,477,398 \$1,362,636 \$114,762	\$30,332 \$1,463,607 \$90,900 \$1,493,939 \$1,378,074 \$115,865	\$29,354 \$1,422,179 \$90,900 \$1,451,533 \$1,339,020 \$112,513	\$1,485,529 \$90,900 \$1,515,861 \$1,398,534 \$117,327	\$16,923,660 \$17,282,642 \$15,857,106 \$1,425,536 <b>\$0.651</b> \$15,150

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 7 of 18

#### Gas Year 2008 - 2009 ALGONQUIN LAMBERTVILLE TO CITY GATE CITY GATE DELIVERED MDQ = 2.714 DTH NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT TOTAL FIXED ALGONQUIN AFT-E DEMAND \$/Dth \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 \$5.98 VARIABLE ALGONQUIN AFT-E USAGE \$/Dth \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 \$0.013 10/17/2008 NYMEX \$/Dth \$6.786 \$7.076 \$7.306 \$7.361 \$7.236 \$7.091 \$7.121 \$7.216 \$7.326 \$7.409 \$7.439 \$7.519 SUPPLY AREA BASIS (3 yr average) \$/Dth \$1.203 \$1.203 \$1.203 \$1.203 \$1.203 \$0.623 \$0.623 \$0.623 \$0.623 \$0.623 \$0.623 \$0.623 NET COST AFTER BASIS \$/Dth \$7.989 \$8.279 \$8.509 \$8.564 \$8.439 \$7.714 \$7.744 \$7.839 \$7.949 \$8.032 \$8.062 \$8.142 BILLING UNITS FIXED ALGONQUIN AFT-E DEMAND Dth 2,714 2,714 2,714 2,714 2,714 2,714 2,714 2,714 2,714 2,714 2,714 2,714 32,568 VARIABLE ALGONQUIN AFT-E USAGE 81.936 85.216 85.216 76.970 85.216 81.936 84.667 81,936 84.667 84.667 81.936 84.667 999.033 Dth PURCHASE VOLUMES Dth 81,936 85,216 85,216 76,970 85,216 81,936 84,667 81,936 84,667 84,667 81,936 84,667 999,033 DELIVERED VOLUMES Dth 81,420 84,134 84,134 75,992 81,420 84,134 84,134 81,420 990,610 84,134 84,134 81,420 84,134 ALGONQUIN AFT-E FUEL % 0.66% 1.32% 1.32% 1.32% 1.32% 0.66% 0.66% 0.66% 0.66% 0.66% 0.66% 0.66% TRANSPORTATION COST FIXED ALGONQUIN AFT-E DEMAND \$ \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$194,662 VARIABLE ALGONQUIN AFT-E USAGE \$ \$1,073 \$1,116 \$1,116 \$1,008 \$1,116 \$1,073 \$1,109 \$1,073 \$1,109 \$1,109 \$1,073 \$1,109 \$13,087 PURCHASE COST \$ \$654,588 \$705,505 \$725,105 \$659,167 \$719,140 \$632,056 \$655,664 \$642,298 \$673,021 \$680,049 \$660,570 \$689,362 \$8,096,525 TOTAL FIXED \$ \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$16,222 \$194,662 TOTAL VARIABLE \$655.662 \$706.622 \$726.221 \$660.175 \$720.256 \$633.129 \$656.774 \$643.371 \$674.130 \$681.158 \$661.643 \$690.471 \$8.109.612 \$ DELIVERED VOLUMES AT NYMEX \$ \$552.516 \$595.332 \$559.377 \$608,794 \$577.349 \$599.118 \$587.527 \$616.366 \$623.349 \$605.683 \$632.604 \$7.172.698 \$614,683 NET NON-GAS VARIABLE COST \$103,146 \$111,289 \$111,538 \$100,798 \$111.463 \$55.780 \$57,655 \$55.845 \$57,765 \$57.809 \$55.960 \$57.868 \$936.915 \$ AVERAGE NON-GAS VARIABLE COST \$/Dth \$1.267 \$1.323 \$1.326 \$1.326 \$1.325 \$0.685 \$0.685 \$0.686 \$0.687 \$0.687 \$0.687 \$0.688 \$0.946 AVERAGE FIXED COST \$/Dth \$5.977 AVERAGE COST AT 100% LOAD FACTOR \$/Dth \$0.197 \$1.142 TOTAL PATH COST \$/Dth

#### CALCULATION OF SYSTEM WEIGHTED AVERAGE DEMAND COSTS

2008 GCR PROJECTED PRICES

Octobe 31, 2008 Update					UNIT PRICES								
	Г	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
		2008		2009									
PIPELINE FIXED COST UNIT PRICES													
ALGONQUIN AFT-E/AFT-1 DEMAND	\$/Dth	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977	\$5.977
ALGONQUIN AFT-3 DEMAND	\$/Dth	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585	\$6.585
ALGONQUIN AFT-ES/1S DEMAND	\$/Dth	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391	\$2.391
TEXAS EASTERN STX CDS DEMAND Z3	\$/Dth	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736	\$6.736
TEXAS EASTERN WLA CDS DEMAND Z3	\$/Dth	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798	\$2.798
TEXAS EASTERN ELA CDS DEMAND Z3	\$/Dth	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362	\$2.362
TEXAS EASTERN ETX CDS DEMAND Z3	\$/Dth	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151	\$2.151
TETCO FTS DEMAND	\$/Dth	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350	\$5.350
TETCO M1 TO M3 DEMAND Z3	\$/Dth	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010	\$11.010
TETCO SCT STX DEMAND	\$/Dth	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723
TETCO SCT WLA DEMAND	\$/Dth	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130
TETCO SCT ELA DEMAND	\$/Dth	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950
TETCO SCT ETX DEMAND	\$/Dth	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876
TETCO SCT DEMAND 1-3	\$/Dth	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401	\$4.401
TETCO SCT STX DEMAND Z2	\$/Dth	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723	\$2.723
TETCO SCT WLA DEMAND Z2	\$/Dth	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130	\$1.130
TETCO SCT ELA DEMAND Z2	\$/Dth	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950	\$0.950
TETCO SCT ETX DEMAND Z2	\$/Dth	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876	\$0.876
TETCO SCT DEMAND 1-2	\$/Dth	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349	\$3.349
TENNESSEE FT-A DEMAND ZONE 0 TO 6	\$/Dth	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590	\$16.590
TENNESSEE FT-A DEMAND ZONE 1 TO 6	\$/Dth	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150	\$15.150
TENNESSEE DRACUT	\$/Dth	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160	\$3.160
TENNESSEE FT-A DEMAND ZONE 5 TO 6	\$/Dth	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930	\$4.930
TENNESSEE CONNEXION	\$/Dth	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737	\$22.737
NETNE	\$/Dth	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610	\$10.610
IROQUOIS	\$/Dth	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959	\$6.959
NOVA	\$/Dth	\$4.140	\$4.278	\$4.002	\$4.140	\$4.278	\$4.140	\$4.278	\$4.140	\$4.278	\$4.278	\$4.140	\$4.278
TRANSCANADA	\$/Dth	\$29.109	\$29.109	\$29.109	\$27.231	\$29.109	\$28.170	\$29.109	\$28.170	\$29.109	\$29.109	\$28.170	\$29.109
DOMINION FTNN DEMAND	\$/Dth	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369	\$4.369
TRANSCO DEMAND ZONE 2 TO 6	\$/Dth	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174	\$16.174
TRANSCO DEMAND ZONE 3 TO 6.	\$/Dth	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200	\$16.200
TRANSCO DEMAND ZONE 6	\$/Dth	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910	\$3.910
NATIONAL FUEL DEMAND	\$/Dth	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557	\$3.557
COLUMBIA FTS DEMAND	\$/Dth	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969	\$5.969
HUBLINE	\$/Dth	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583	11.5583
HUBLINE	\$/Dth	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958	\$6.9958

SUPPLIER FIXED COST UNIT PRICES DISTRIGAS FCS

\$/Dth

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 9 of 18

#### CALCULATION OF SYSTEM WEIGHTED AVERAGE DEMAND COSTS

Octobe 31, 2008 Update

2008 GCR PROJECTED PRICES

UNIT PRICES

	Г	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
PIPELINE FIXED COST BILLING UNITS	-												
ALGONQUIN AFT-E/AFT-1 DEMAND	DTH	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663	88,663
ALGONQUIN AFT-3 DEMAND	DTH	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063	11,063
ALGONQUIN AFT-ES/1S DEMAND	DTH	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757	3,757
TEXAS EASTERN STX CDS DEMAND Z3	DTH	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844	13,844
TEXAS EASTERN WLA CDS DEMAND Z3	DTH	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716	15,716
TEXAS EASTERN ELA CDS DEMAND Z3	DTH	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758	23,758
TEXAS EASTERN ETX CDS DEMAND Z3	DTH	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995
TETCO FTS DEMAND	DTH	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435
TETCO M1 TO M3 DEMAND Z3	DTH	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934
CITY GATE DELIVERED MDQ = 6,000 DTH	DTH	571	571	571	571	571	571	571	571	571	571	571	571
TETCO SCT WLA DEMAND	DTH	648	648	648	648	648	648	648	648	648	648	648	648
TETCO SCT ELA DEMAND	DTH	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183	1,183
TETCO SCT ETX DEMAND	DTH	329	329	329	329	329	329	329	329	329	329	329	329
TETCO SCT DEMAND 1-3	DTH	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099
TETCO SCT STX DEMAND Z2	DTH	401	401	401	401	401	401	401	401	401	401	401	401
TETCO SCT WLA DEMAND Z2	DTH	831	831	831	831	831	831	831	831	831	831	831	831
TETCO SCT ELA DEMAND Z2	DTH	455	455	455	455	455	455	455	455	455	455	455	455
TETCO SCT ETX DEMAND Z2	DTH	231	231	231	231	231	231	231	231	231	231	231	231
TETCO SCT DEMAND 1-2	DTH	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474
TENNESSEE FT-A DEMAND ZONE 0 TO 6	DTH	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432
TENNESSEE FT-A DEMAND ZONE 1 TO 6	DTH	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903
TENNESSEE DRACUT	DTH	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
TENNESSEE FT-A DEMAND ZONE 5 TO 6	DTH	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067
TENNESSEE CONNEXION	DTH	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600	11,600
NETNE	DTH	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
IROQUOIS	DTH	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012	1,012
NOVA	DTH	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076
TRANSCANADA	DTH	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022	1,022
DOMINION FTNN DEMAND	DTH	537	537	537	537	537	537	537	537	537	537	537	537
TRANSCO DEMAND ZONE 2 TO 6	DTH	138	138	138	138	138	138	138	138	138	138	138	138
TRANSCO DEMAND ZONE 3 TO 6.	DTH	3	3	3	3	3	3	3	3	3	3	3	3
TRANSCO DEMAND ZONE 6	DTH	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240
NATIONAL FUEL DEMAND	DTH	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177
COLUMBIA FTS DEMAND	DTH	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455
HUBLINE	DTH	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
HUBLINE	DTH	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000

SUPPLIER FIXED COST BILLING UNITS DISTRIGAS FCS

DTH

Updated Attachment GLB-5 October 31, 2008 Page 10 of 18

#### CALCULATION OF SYSTEM WEIGHTED AVERAGE DEMAND COSTS

2008 GCR PROJECTED PRICES

Octobe 31, 2008 Update					UNIT PRICES								
	Г	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
PIPELINE FIXED COST DOLLARS													
ALGONQUIN AFT-E/AFT-1 DEMAND	\$	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948	\$529,948
ALGONQUIN AFT-3 DEMAND	\$	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854	\$72,854
ALGONQUIN AFT-ES/1S DEMAND	\$	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983	\$8,983
TEXAS EASTERN STX CDS DEMAND Z3	\$	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253	\$93,253
TEXAS EASTERN WLA CDS DEMAND Z3	\$	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973	\$43,973
TEXAS EASTERN ELA CDS DEMAND Z3	\$	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116	\$56,116
TEXAS EASTERN ETX CDS DEMAND Z3	Ś	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197	\$17,197
TETCO FTS DEMAND	Ś	\$7,677	\$7.677	\$7,677	\$7,677	\$7,677	\$7.677	\$7.677	\$7,677	\$7,677	\$7,677	\$7,677	\$7,677
TETCO M1 TO M3 DEMAND Z3	\$	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733	\$505,733
TETCO SCT STX DEMAND	ŝ	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555	\$1,555
TETCO SCT WLA DEMAND	ŝ	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732	\$732
TETCO SCT ELA DEMAND	ŝ	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124	\$1,124
TETCO SCT ETX DEMAND	\$	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288	\$288
TETCO SCT DEMAND 1-3	ŝ	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238	\$9,238
TETCO SCT STX DEMAND Z2	ŝ	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092	\$1,092
TETCO SCT WLA DEMAND Z2	ŝ	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939	\$939
TETCO SCT ELA DEMAND Z2	ŝ	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432	\$432
ETCO SCT ETX DEMAND Z2	ŝ	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202	\$202
ETCO SCT DEMAND 1-2	ŝ	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936	\$4.936	\$4,936	\$4,936	\$4,936	\$4,936	\$4,936
ENNESSEE FT-A DEMAND ZONE 0 TO 6	ŝ	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477
TENNESSEE FT-A DEMAND ZONE 1 TO 6	ŝ	\$301.530	\$301.530	\$301.530	\$301,530	\$301,530	\$301.530	\$301,530	\$301.530	\$301,530	\$301,530	\$301.530	\$301.530
ENNESSEE DRACUT	ŝ	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400	\$47,400
TENNESSEE FT-A DEMAND ZONE 5 TO 6	¢	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260	\$5,260
TENNESSEE CONNEXION	¢ ¢	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743	\$263,743
NETNE	¢ ¢	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610	\$10,610
ROQUOIS	¢ ¢	\$7.042	\$7.042	\$7.042	\$7.042	\$7.042	\$7.042	\$7.042	\$7.042	\$7,042	\$7,042	\$7.042	\$7.042
NOVA	¢	\$4,455	\$4,603	\$4,306	\$4,455	\$4,603	\$4,455	\$4,603	\$4,455	\$4,603	\$4,603	\$4,455	\$4,603
TRANSCANADA	¢ ¢	\$29,749	\$29,749	\$29.749	\$27,830	\$29,749	\$28,790	\$29,749	\$28,790	\$29,749	\$29,749	\$28,790	\$29,749
DOMINION FTNN DEMAND	¢ ¢	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346	\$2,346
TRANSCO DEMAND ZONE 2 TO 6	¢	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232	\$2,232
FRANSCO DEMAND ZONE 2 TO 6	ф Ф	\$49	\$2,232 \$49	\$2,232 \$49	\$2,232 \$49	\$49	\$2,232 \$49	φ2,232 \$49	\$49	φ2,232 \$49	\$49	\$49	\$2,232 \$49
RANSCO DEMAND ZONE 5 TO 6.	¢	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848	\$4.848	\$4,848	\$4,848	\$4,848	\$4,848	\$4,848
IATIONAL FUEL DEMAND	¢	\$4,040	\$4,040	\$4,040	\$4,186	\$4,848 \$4,186	\$4,040	\$4,040 \$4,186	\$4,040	\$4,040	\$4,040 \$4,186	\$4,040	\$4,186
COLUMBIA FTS DEMAND	ф Ф	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$283,259	\$4,186 \$283,259
JOLUMBIA FIS DEMAND	¢	\$283,259 \$46,233	\$283,259 \$46.233										
TUBLINE	¢	\$46,233 \$27,983											
HUBLINE WESTERLY LATERAL	¢	* /				* /		* /	* 1				
VESIERLI LAIERAL	\$ ¢	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426	\$61,426
	\$	\$2,615,104	\$2,615,252	\$2,614,955	\$2,613,185	\$2,615,252	\$2,614,144	\$2,615,252	\$2,614,144	\$2,615,252	\$2,615,252	\$2,614,144	\$2,615,252

#### SUPPLIER FIXED COST DOLLARS DISTRIGAS FCS

DISTRIGAS FCS	\$												
TOTAL PIPELINE FIXED DEMAND CHARGES	\$2,917,104	\$2,917,252	\$2,916,955	\$2,915,185	\$2,917,252	\$2,916,144	\$2,917,252	\$2,916,144	\$2,917,252	\$2,917,252	\$2,916,144	\$2,917,252	\$35,001,190
TOTAL DEMAND UNITS DTH 100% LOAD FACTOR UNIT VALUE \$/DTH Average rate per unit per month AVERAGE SYSTEM VARIABLE UNIT VALUE \$/DTH TOTAL AVERAGE SYSTEM UNIT VALUE \$/DTH	5,062,752	5,534,368	5,534,368	5,177,312	5,534,368	4,912,752	4,928,652	4,314,203	4,458,010	4,458,010	4,314,203	4,928,652	59,157,650 0.5917 17.9963 0.3524 0.944

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 11 of 18

NATIONAL GRID 2009 ESTIMATED GCR NORMAL WEATHER SCEN,	ARIO	SEND	gy Associates, LL OUT Version 9 Report 13		25-Aug-2008								
	Natural Gas Supply VS. F	Requirements		Units: MDT									
	NOV	DEC	IAN F	EB M	AR A	PR N	IAY JUN	I JUL	AUG	S SE	P O	СТ	
	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	Total
Forecast Demand													
RI Sales GCR	2,622,717	4,241,840	5,044,293	4,438,288	3,632,328	2,108,674	1,232,306	831,637	745,208	776,452	801,792	1,460,795	27,936,330
NON EX TR DE	313,107	469,231	497,378	474,703	426,684	275,870	166,121	134,770	109,906	111,264	127,782	170,974	3,277,790
Total Demand	2,935,824	4,711,071	5,541,671	4,912,991	4,059,012	2,384,544	1,398,427	966,407	855,114	887,716	929,574	1,631,769	31,214,120
Storage Injections													
TENN_8995	0	0	0	0	0	14,700	21,840	26,460	26,250	26,250	26,250	26,250	168,000
TENN_501	0	0	0	0	0	50,454	63,738	54,097	124,000	109,264	60,534	54,481	516,568
GSS 600045	0	0	0	0	0	150,000	137,632	137,632	137,632	137,632	137,632	123,869	962,029
GSS 300171	0	0	0	0	0	31,470	32,519	30,418	18,881	18,881	18,881	16,993	168,043
GSS 300169	0	0	0	0	0	43,771	31,000	28,279	20,610	20,610	20,610	18,549	183,429
GSS 300168	0	0	0	0	0	21,025	31,000	25,000	15,405	15,405	15,405	13,865	137,105
GSS 300170	0	0	0	0	0	60,000	62,000	60,000	62,000	49,034	49,034	44,131	386,199
TETCO_400221	0	0	0	0	0	120,000	124,000	120,000	118,804	118,804	118,804	106,923	827,335
TETCO_400515	0	0	0	0	0	8,730	5,664	5,664	5,664	5,664	5,664	5,098	42,148
TETCO 400185	0	0	0	0	0	10,918	5,199	5,199	5,199	5,199	5,199	4,679	41,592
COL FS 38010	0	0	0	0	0	24,000	24,800	24,000	20,396	20,396	20,396	18,356	152,344
LNG EXETER	13,000	0	16,462	0	0	58,610	5,400	0	35,100	65,790	10,500	3,100	207,962
LNG PROV	15,000	7,593	29,400	6,587	0	16,206	78,300	81,000	45,900	0	30,791	15,500	326,277
LNG VALLEY	2,700	15,570	5,438	9,028	0	6,184	0	0	2,700	17,910	2,700	2,790	65,020
Total Injections	30,700	23,163	51,300	15,615	0	616,068	623,092	597,749	638,541	610,839	522,400	454,584	4,184,051
Non-LNG Injections	0	0	0	0	0	535,068	539,392	516,749	554,841	527,139	478,409	433,194	3,584,792
Total LNG Injection	30,700	23,163	51,300	15,615	0	81,000	83,700	81,000	83,700	83,700	43,991	21,390	599,259
Total Req less LNG inj.	2,935,824	4,711,071	5,541,671	4,912,991	4,059,012	2,919,612	1,937,819	1,483,156	1,409,955	1,414,855	1,407,983	2,064,963	34,798,912

#### Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 12 of 18

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total
Sources of Supply													
TENN ZONE 0	282,960	292,392	292,392	264,096	292,392	282,960	292,392	282,960	292,392	292,392	282,960	292,392	3,442,680
TENN ZONE 1	0	441,768	445,104	409,964	315,884	,0	0	0	0	0	0	0	1,612,720
TENN CONX	348,000	359,600	359,600	324,800	359,600	348,000	359,600	348,000	359,600	359,600	348,000	359,600	4,234,000
TENN_DRACUT	29,700	53,188	138,354	125,891	30,690	450,000	357,877	0	0	10,424	0	465,000	1,661,124
TETCO STX	274,620	283,774	283,774	256,312	283,774	274,620	283,774	274,620	283,774	283,774	274,620	283,774	3,341,210
TETCO ELA	36,521	71,559	74,458	63,480	42,012	0	0	0	0	0	0	200,111	288.030
TETCO WLA	204,888	279,014	284,466	255,388	234,220	0	0	0 0	0	Ő	0	Ő	1.257.976
TETCO ETX	296,580	306,466	306,466	276,808	306,466	296,580	306,466	296,580	306,466	306,466	296,580	306,466	3,608,390
TETCO - NF	200,000	16,692	22,932	20,286	12,348	200,000	000,400	200,000	000,400	000,400	200,000	000,400	72,258
HUBLINE	0 0	47,085	103,540	73,148	4,931	240,000	248,000	201,297	94,938	89,413	134,728	248,000	1,485,080
M3 DELIVERED	0	117,409	125,513	103,225	42,973	240,000	240,000	201,207	04,000	00,410	0	240,000	389,120
MAUMEE SUPP	885,069	902.619	907,355	806,912	868,104	682,970	15,200	14,400	16,000	16,396	12,396	8,356	5,135,777
BROADRUN COL	289,616	296,040	305,908	276,304	286,172	234.125	9.600	9.600	4.396	4,000	8.000	10,000	1,733,761
Col Tran-Tet	203,010	52,351	111,542	84,426	7,360	234,123	3,000	3,000 0	4,550	4,000	0,000	0	255,679
TRAN WHART	0	930	2,170	2,170	7,300	0	0	0	0	0	0	0	5,270
TETCO B&W	12,432	35,076	37,296	31,080	12,846	0	0	0	0	0	0	0	128,730
DOM TET FTS	12,432	31,843	63,550	52,312	9,730	0	0	0	0	0	0	0	157,435
TETCO DOM	0	1,590	3,710	3.710	9,730	0	0	0	0	0	0	0	9,010
ANE	30.000	31,000	31,000	28.000	31,000	30.000	31.000	30,000	31,000	31,000	30.000	31.000	365.000
NIAGARA	24,000	31,000	31,000	- /	31,000	/	12,521	5,000	,	31,000	/	31,000	223,521
DIST FCS VAP	24,000 190,821	236,096	236,096	28,000 213,248	236,096	30,000 29,658	12,521	5,000	0	0	0	7,985	1,150,000
Total Pipeline Supply Deliveries	2,905,207	3,887,492	4,166,226	3,699,560	236,096 3,407,598	29,658	1,916,430	1,462,457	1,388,566	1,393,465	1,387,284	2,043,573	30,556,771
CITY GATE DELIVERED MDQ = 6.00		3,007,492	4,100,220	3,099,000	3,407,396	2,090,913	1,910,430	1,402,437	1,300,300	1,393,405	1,307,204	2,043,573	30,330,771
CIT I GATE DELIVERED MDQ = 0,00													
Storage Withdrawals													
TENN_8995	8,400	29,494	56,116	56,031	17,960	0	0	0	0	0	0	0	168,001
TENN_501	1,517	131,936	131,936	119,168	131,936	0	0	0	0	0	0	0	516,493
GSS 600045	0	193,803	282,810	263,956	221,463	0	0	0	0	0	0	0	962,032
GSS 300171	0	38,851	64,972	49,096	15,751	0	0	0	0	0	0	0	168,670
GSS 300169	0	38,665	61,050	54,945	28,974	0	0	0	0	0	0	0	183,634
GSS 300168	0	26,277	41,490	38,724	31,266	0	0	0	0	0	0	0	137,757
GSS 300170	0	82,923	136,656	102,483	64,313	0	0	0	0	0	0	0	386,375
TETCO_400221	0	150,175	308,889	285,129	83,140	0	0	0	0	0	0	0	827,333
TETCO_400515	0	9,627	14,726	13,594	4,192	0	0	0	0	0	0	0	42,139
TETCO 400185	0	7,129	13,517	12,478	8,411	0	0	0	0	0	0	0	41,535
COL FS 38010	0	29,809	55,757	44,151	22,617	0	0	0	0	0	0	0	152,334
LNG EXETER	3,000	14,662	56,800	99,000	3,100	3,000	3,100	3,000	3,100	3,100	3,000	3,100	197,962
LNG PROV	15,000	27,993	117,000	43,787	15,500	15,000	15,500	15,000	15,500	15,500	15,000	15,500	326,280
LNG VALLEY	2,700	16,688	11,028	12,554	2,790	2,700	2,790	2,700	2,790	2,790	2,700	2,790	65,020
Total Withdrawals	30,617	798,032	1,352,747	1,195,096	651,413	20,700	21,390	20,700	21,390	21,390	20,700	21,390	4,175,565
Total Supply	2,935,824	4,685,524	5,518,973	4,894,656	4,059,011	2,919,613	1,937,820	1,483,157	1,409,956	1,414,855	1,407,984	2,064,963	34,732,336

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 13 of 18

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	Total
10/17/2008 NYMEX	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519	
TENNESSEE ZN 0													
Basis	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	
usage	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	\$0.1627	
fuel	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	
Total Delivered	\$6.9707	\$7.2883	\$7.5403	\$7.6005	\$7.4636	\$7.2053	\$7.2377	\$7.3403	\$7.4591	\$7.5487	\$7.5811	\$7.6676	
TENNESSEE CONNEXION	(********	(*******	(*******	(*******	( <b>a</b> )	( <b>1</b>	( <b>*</b> )	( <b>a</b> )	(********	( <b>A</b> =)	(*******	( <b>a</b> )	
Basis	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	(\$0.571)	
usage	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
fuel	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	
Total Delivered	\$6.8080	\$7.1256	\$7.3776	\$7.4378	\$7.3009	\$7.0426	\$7.0750	\$7.1776	\$7.2964	\$7.3860	\$7.4184	\$7.5049	
TENNESSEE ZN 1													
Basis	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	(\$0.065)	
usage to Zn 6	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	\$0.1522	
fuel to Zn 6	7.82%	7.82%	7.82%	7.82%	7.82%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	
Total Delivered	\$7.4434	\$7.7580	\$8.0075	\$8.0671	\$7.9315	\$7.6803	\$7.7125	\$7.8143	\$7.9321	\$8.0211	\$8.0532	\$8.1389	
TENNESSEE DRACUT													
Basis	\$1.500	\$1.500	\$1.500	\$1.500	\$1.500	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	
usage	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	\$0.0661	
fuel	0.89%	0.89%	0.89%	0.89%	0.89%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	
Total Delivered	\$8.4265	\$8.7191	\$8.9512	\$9.0067	\$8.8805	\$7.4549	\$7.4852	\$7.5810	\$7.6919	\$7.7756	\$7.8059	\$7.8866	
TETCO STX	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	(60,000)	(********	(*******	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	
CITY GATE DELIVERED MDQ = 5,500	(\$0.662) \$0.0389												
Usage to M3 Usage on AGT	\$0.0389 \$0.0131	\$0.0389	\$0.0389 \$0.0131	\$0.0389 \$0.0131	\$0.0389	\$0.0389 \$0.0131	\$0.0389	\$0.0389 \$0.0131	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
Fuel to M3	7.62%	8.74%	8.74%	8.74%	8.74%	7.62%	7.62%	7.62%	7.62%	7.62%	7.62%	7.62%	
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
Total Delivered	\$6.7254	\$7.1748	\$7.4302	\$7.4913	\$7.3525	\$7.0578	\$7.0905	\$7.1940	\$7.3139	\$7.4043	\$7.4370	\$7.5242	
TETCO WLA	(***	(	(*******	(*******		(***	(*******		(*** · · · *)	(********	(	(*******	
Basis	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	(\$0.116)	
Usage to M3	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
Usage on AGT Fuel to M3	\$0.0131 7.00%	\$0.0131 7.93%	\$0.0131 7.93%	\$0.0131 7.93%	\$0.0131 7.93%	\$0.0131 7.00%							
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
Total Delivered	\$7.2720	\$7.7131	\$7.9663	\$8.0268	\$7.8892	\$7.6021	\$7.6346	\$7.7374	\$7.8565	\$7.9463	\$7.9788	\$8.0654	
Total Delivered	ψ1.2120	φ <i>ι.ι</i> 131	\$7.9005	\$0.0200	φ1.0092	\$7.0021	\$7.03 <del>4</del> 0	<i>\$1.131</i> 4	φ1.8303	\$7.5405	φ1.9100	<b>40.0004</b>	
TETCO ELA													
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	
Usage to M3	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	
Fuel to M3	6.74%	7.57%	7.57%	7.57%	7.57%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32% \$7.9300	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	
Total Delivered	\$7.3220	\$7.7545	\$8.0067	\$8.0670	\$1.9300	\$7.6512	\$7.6836	\$7.7861	\$7.9049	\$7.9944	\$8.0268	\$8.1132	

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 14 of 18

TETCO ETX	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	(60.000)	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)	(\$0.000)
Basis	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)	(\$0.629)
Usage to M3	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389	\$0.0389
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Fuel to M3	6.74%	7.57%	7.57%	7.57%	7.57%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%	6.74%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$6.6981	\$7.1208	\$7.3730	\$7.4333	\$7.2962	\$7.0273	\$7.0597	\$7.1622	\$7.2810	\$7.3706	\$7.4029	\$7.4893
TETCO TO NF	(*******		(*******	(*******		( <b>a</b>	( <b>a</b>	( <b>*</b>	(*******	(*******	(*** · · · · )	
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)
Usage to M2	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962
Usage on NF	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085	\$0.0085
Usage on Transco	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Fuel to M2	3.55%	4.03%	4.03%	4.03%	4.03%	3.55%	3.55%	3.55%	3.55%	3.55%	3.55%	3.55%
Fuel on NF	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%
Fuel on Transco	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Delivered to NF	\$7.2791	\$7.6162	\$7.8559	\$7.9132	\$7.7829	\$7.5953	\$7.6264	\$7.7249	\$7.8390	\$7.9250	\$7.9561	\$8.0391
Delivered to Transco	\$7.3909	\$7.7328	\$7.9759	\$8.0340	\$7.9019	\$7.7117	\$7.7432	\$7.8431	\$7.9588	\$8.0460	\$8.0776	\$8.1617
Delivered to Algonguin	\$7.4480	\$7.7924	\$8.0372	\$8.0958	\$7.9627	\$7.7711	\$7.8029	\$7.9035	\$8.0200	\$8.1079	\$8.1397	\$8.2244
Total Delivered	\$7.5106	\$7.9098	\$8.1579	\$8.2172	\$8.0823	\$7.8358	\$7.8678	\$7.9691	\$8.0864	\$8.1749	\$8.2069	\$8.2921
	φ/.0100	φ1.0000	φ0.1070	ψ0.2172	ψ0.0020	φ1.0000	φ1.0010	φr.5661	φ0.0004	ψ0.1140	ψ0.2000	ψ0.2021
M3 DELIVERED												
Basis	\$1.203	\$1.203	\$1.203	\$1.203	\$1.203	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Gas Year 2008 - 2009	\$8.0552	\$8.4028	\$8.6359	\$8.6917	\$8.5650	\$7.7784	\$7.8085	\$7.9042	\$8.0149	\$8.0985	\$8.1287	\$8.2092
CITY GATE DELIVERED MDQ = 1,000 DT	ΓH											
MAUMEE SUPPLY												
Basis	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33
Usage on Columbia	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Fuel on Columbia	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$7.3475	\$7.6969	\$7.9351	\$7.9921	\$7.8626	\$7.6613	\$7.6921	\$7.7899	\$7.9030	\$7.9884	\$8.0193	\$8.1016
BROADRUN COLUMBIA												
Basis	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33	\$0.33
Usage on Columbia	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Fuel on Columbia	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$7.3475	\$7.6969	\$7.9351	\$7.9921	\$7.8626	\$7.6613	\$7.6921	\$7.7899	\$7.9030	\$7.9884	\$8.0193	\$8.1016
COLUMBIA TO AGT												
Basis	\$1.203	\$1.203	\$1.203	\$1.203	\$1.203	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623	\$0.623
Usage on Columbia	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164	\$0.0164
Usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Fuel on Columbia	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%	2.15%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$8.2487	\$8.6042	\$8.8424	\$8.8993	\$8.7699	\$7.9658	\$7.9967	\$8.0944	\$8.2076	\$8.2930	\$8.3238	\$8.4061

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 15 of 18

DOMINION TO B & W												
Basis	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)
Usage on Dominion	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266	\$0.0266
Usage to M2	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962	\$0.2962
Usage on Tetco	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019
Usage on AGT	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296	\$0.2296
Fuel to M2	3.55%	4.03%	4.03%	4.03%	4.03%	3.55%	3.55%	3.55%	3.55%	3.55%	3.55%	3.55%
Fuel on Dominion	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%	2.85%
Fuel on Tetco	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Delivered to Dominion	\$7.2791	\$7.6162	\$7.8559	\$7.9132	\$7.7829	\$7.5953	\$7.6264	\$7.7249	\$7.8390	\$7.9250	\$7.9561	\$8.0391
Delivered to Tetco	\$7.5192	\$7.8662	\$8.1129	\$8.1719	\$8.0378	\$7.8447	\$7.8768	\$7.9781	\$8.0955	\$8.1841	\$8.2161	\$8.3015
Delivered to Algonguin	\$7.6194	\$7.9709	\$8.2208	\$8,2806	\$8,1448	\$7.9492	\$7.9816	\$8.0843	\$8.2032	\$8.2930	\$8.3254	\$8.4119
Total Delivered	\$7.8996	\$8.3071	\$8.5604	\$8.6210	\$8.4833	\$8.2316	\$8.2642	\$8.3676	\$8.4873	\$8.5777	\$8.6103	\$8.6974
Total Delivered	ψ <i>1</i> .0550	ψ0.507 Τ	ψ0.500 <del>4</del>	ψ0.0210	ψ0.+000	ψ0.2310	ψ0.20 <del>4</del> 2	ψ0.3070	φ0. <del>4</del> 075	ψ0.0777	ψ0.0105	ψ0.0 <i>31</i> <del>4</del>
TRANSCO AT WHARTON												
Basis	\$1.2370	\$1.2370	\$1.2370	\$1.2370	\$1.2370	\$0.6250	\$0.6250	\$0.6250	\$0.6250	\$0.6250	\$0.6250	\$0.6250
Usage on Transco	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035	\$0.0035
Usage on AGT	\$0.0033	\$0.0131	\$0.0033	\$0.0131	\$0.0033	\$0.0131	\$0.0131	\$0.0033	\$0.0033	\$0.0033	\$0.0131	\$0.0131
Fuel on Transco	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%	0.72%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$8.1515	\$8.5019	\$8.7367	\$8.7928	\$8.6653	\$7.8402	\$7.8706	\$7.9670	\$8.0785	\$8.1627	\$8.1931	\$8.2742
Total Delivered	\$6.1515	\$6.5019	\$0.7307	φ0.7920	\$0.0000	φ7.040Z	\$7.0700	\$7.9070	\$0.0705	φο.102 <i>1</i>	ф0.1931	φ0.2742
AECO TO TENNESSEE - ANE II												
Basis	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)	(\$1.386)
Transcanada usage	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071	\$0.071
Transcanada pressure chg	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023	\$0.023
Fuel on TCPL	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%	5.030%
Iroquois usage	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005	\$0.005
Tennessee usage	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078	\$0.078
Fuel on Iroquois	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Fuel Wright to Gate	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%
Total Delivered	\$5.9590	\$6.2733	\$6.5225	\$6.5821	\$6.4467	\$6.2895	\$6.3220	\$6.4250	\$6.5442	\$6.6342	\$6.6667	\$6.7534
NIAGARA TO TENNESSEE												
Basis	\$0.361	\$0.361	\$0.361	\$0.361	\$0.361	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235	\$0.235
Tenn usage	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085	\$0.085
Tenn Fuel	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%
Total Delivered	\$7.3678	\$7.6632	\$7.8976	\$7.9537	\$7.8263	\$7.5501	\$7.5807	\$7.6775	\$7.7896	\$7.8742	\$7.9047	\$7.9863
Tetco to B&W	(\$0.0E4)	(\$0.0E1)	(\$0.0E1)	(\$0.051)	(\$0.0E1)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.0E1)	(\$0.0E1)	(\$0.051)	(\$0.051)
Basis	(\$0.051) \$0.397	(\$0.051) \$0.397	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051)	(\$0.051) \$0.397	(\$0.051)	(\$0.051) \$0.397	(\$0.051)
usage			\$0.397	\$0.397	\$0.397	\$0.397	\$0.397	\$0.397		\$0.397		\$0.397
fuel to ZN 3 Fuel on AGT	6.74% 0.66%	7.57% 1.32%	7.57% 1.32%	7.57% 1.32%	7.57% 1.32%	6.74% 0.66%	6.74% 0.66%	6.74% 0.66%	6.74% 0.66%	6.74% 0.66%	6.74% 0.66%	6.74% 0.66%
Total Delivered	\$7.6699	\$8.1027	\$8.3549	\$8.4152	\$8.2782	\$7.9992	\$8.0315	\$8.1341	\$8.2528	\$8.3424	\$8.3748	\$8.4611
	\$1.0099	<b>\$</b> 8.10∠7	<b>\$0.3349</b>	30.415Z	\$0.210Z	\$1.999Z	\$8.U315	<b>ФО. 134 I</b>	<b>⊅</b> 0.∠⊃∠ð	<b>⊅</b> 8.34∠4	<b>\$0.3740</b>	<b>30.4011</b>

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 16 of 18

Dominion to Tetco FTS												
Basis	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41	\$0.41
usage on Tetco	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019	\$0.0019
usage on AGT	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
Tetco Fuel	2.49%	2.62%	2.62%	2.62%	2.62%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%	2.49%
Fuel on AGT	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$7.4428	\$7.8042	\$8.0436	\$8.1008	\$7.9707	\$7.7576	\$7.7886	\$7.8867	\$8.0002	\$8.0859	\$8.1169	\$8.1995
	*=*	•••••										
DISTRIGAS FCS												
Total Delivered	\$6.786	\$7.076	\$7.306	\$7.361	\$7.236	\$7.091	\$7.121	\$7.216	\$7.326	\$7.409	\$7.439	\$7.519
Total Delivered	ψ0.700	φ1.070	ψ1.500	ψ1.501	ψ1.250	ψ1.031	ψ1.121	ψ1.210	ψ1.520	ψ1.405	ψı. <del>4</del> 55	ψ1.515
Hubline												
Basis	\$1.5000	\$1.5000	\$1.5000	\$1.5000	\$1.5000	\$0.2350	\$0.2350	\$0.2350	\$0.2350	\$0.2350	\$0.2350	\$0.2350
	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131	\$0.0131
usage	• • • •											
fuel	0.66%	1.32%	1.32%	1.32%	1.32%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
Total Delivered	\$8.3542	\$8.7038	\$8.9369	\$8.9926	\$8.8660	\$7.3878	\$7.4180	\$7.5136	\$7.6243	\$7.7079	\$7.7381	\$7.8186
Total delivered to the City Gas Gas	,											
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Tennessee Zn 0												
Delivered Mmbtu	282,960	292,392	292,392	264,096	292,392	282,960	292,392	282,960	292,392	292,392	282,960	292,392
NYMEX \$/Mmbtu Del	\$6.9707	\$7.2883	\$7.5403	\$7.6005	\$7.4636	\$7.2053	\$7.2377	\$7.3403	\$7.4591	\$7.5487	\$7.5811	\$7.6676
Total Delivered Cost	\$1,972,422	\$2,131,053	\$2,204,720	\$2,007,271	\$2,182,300	\$2,038,800	\$2,116,235	\$2,077,005	\$2,180,979	\$2,207,193	\$2,145,162	\$2,241,933
TENNESSEE CONNEXION												
Delivered Mmbtu	348,000	359,600	359,600	324,800	359,600	348,000	359,600	348,000	359,600	359,600	348,000	359,600
NYMEX \$/Mmbtu Del	6.8080	7.1256	7.3776	7.4378	7.3009	7.0426	7.0750	7.1776	7.2964	7.3860	7.4184	7.5049
Total Delivered Cost	\$2,369,175	\$2,562,381	\$2,652,981	\$2,415,809	\$2,625,407	\$2,450,810	\$2,544,156	\$2,497,797	\$2,623,783	\$2,656,022	\$2,581,620	\$2,698,748
				• • • • • • • •	• • • • •	• • • • • • •	• /- /			•	• • • • • •	• //
TENN ZONE 1												
Delivered Mmbtu	0	441,768	445,104	409,964	315,884	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$7,443	\$7,758	\$8,007	\$8,067	\$7.932	\$7.680	\$7.712	\$7.814	\$7.932	\$8.021	\$8.053	\$8,139
Total Delivered Cost	\$0	\$3,427,223	\$3,564,163	\$3,307,241	\$2,505,448	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	φυ	ψ0,421,220	φ0,004,100	ψ0,007,241	φ2,000,140	φυ	ψŪ	ψŪ	ψŪ	φυ	ψŪ	ψŪ
TENN DRACUT												
Delivered Mmbtu at Historical	29,700	53,188	138,354	125,891	30,690	450,000	357,877	0	0	10,424	0	465,000
NYMEX \$/Mmbtu Del	\$8.427	\$8.719	\$8.951	\$9.007	\$8.881	\$7.455	\$7.485	\$7.581	\$7.692	\$7.776	\$7.806	\$7.887
Total Delivered Cost								\$7.581	\$7.092		\$7.800 \$0	\$3,667,257
Total Delivered Cost	\$250,267	\$463,752	\$1,238,431	\$1,133,859	\$272,544	\$3,354,707	\$2,678,767	20	<b>2</b> 0	\$81,053	<b>\$</b> 0	\$3,007,257
TETCO STY												
TETCO STX	074 000	000 77 1	000 77 1	050.040	000 77 1	074.000	000 77 :	074.000	000 77 1	000 77 -	074.000	000 774
Delivered Mmbtu	274,620	283,774	283,774	256,312	283,774	274,620	283,774	274,620	283,774	283,774	274,620	283,774
NYMEX \$/Mmbtu Del	\$6.7254	\$7.1748	\$7.4302	\$7.4913	\$7.3525	\$7.0578	\$7.0905	\$7.1940	\$7.3139	\$7.4043	\$7.4370	\$7.5242
Delivered Cost	\$1,846,941	\$2,036,023	\$2,108,499	\$1,920,104	\$2,086,441	\$1,938,211	\$2,012,095	\$1,975,617	\$2,075,485	\$2,101,151	\$2,042,349	\$2,135,165
TETCO WLA												
Delivered Mmbtu	204,888	279,014	284,466	255,388	234,220	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$7.2720	\$7.7131	\$7.9663	\$8.0268	\$7.8892	\$7.6021	\$7.6346	\$7.7374	\$7.8565	\$7.9463	\$7.9788	\$8.0654
Delivered Cost	\$1,489,936	\$2,152,064	\$2,266,129	\$2,049,947	\$1,847,811	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO ELA												
Delivered Mmbtu	36,521	71,559	74,458	63,480	42,012	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$7.3220	\$7.7545	\$8.0067	\$8.0670	\$7.9300	\$7.6512	\$7.6836	\$7.7861	\$7.9049	\$7.9944	\$8.0268	\$8.1132
Delivered Cost	\$267,406	\$554,907	\$596,163	\$512,093	\$333,153	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<i>+</i> = <i>1</i> , <b>100</b>	+ ·,- ·	<i></i>	<b>+-</b> . <b>-</b> ,	÷===,.00	φ¢	÷	20	<i>4</i> 0	20	20	÷-

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 17 of 18

Total delivered to the City Gas Gas Supply Costs												
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
TETCO ETX Delivered Mmbtu	296,580	306,466	306,466	276,808	306,466	296,580	306,466	296,580	306,466	306,466	296,580	306,466
NYMEX \$/Mmbtu Del	\$6.6981	\$7.1208	\$7.3730	\$7.4333	\$7.2962	\$7.0273	\$7.0597	\$7.1622	\$7.2810	\$7.3706	\$7.4029	\$7.4893
Delivered Cost	\$1,986,521	\$2,182,292	\$2,259,572	\$2,057,596	\$2,236,052	\$2,084,159	\$2,163,555	\$2,124,175	\$2,231,369	\$2,258,825	\$2,195,564	\$2,295,213
TETCO - NF												
Delivered Mmbtu	0	16,692	22,932	20,286	12,348	0	0	0	0	0	0	0
Delivered \$/Mmbtu Delivered Cost	\$7.5106 \$0	\$7.9098 \$132,030	\$8.1579 \$187,076	\$8.2172 \$166,694	\$8.0823 \$99,801	\$7.8358 \$0	\$7.8678 \$0	7.9691\$ \$0	\$8.0864 \$0	\$8.1749 \$0	\$8.2069 \$0	\$8.2921 \$0
		•••=	•••••	•••••••	+,							
M3 DELIVERED Delivered Mmbtu	0	117.409	125,513	103,225	42,973	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$8.0552	\$8.4028	\$8.6359	\$8.6917	\$8.5650	\$7.7784	\$7.8085	\$7.9042	\$8.0149	\$8.0985	\$8.1287	\$8.2092
Delivered Cost	\$0	\$986,570	\$1,083,920	\$897,196	\$368,063	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transco at Wharton												
Delivered Mmbtu	0	930	2,170	2,170	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$8.151	\$8.502	\$8.737	\$8.793	\$8.665	\$7.840	\$7.871	\$7.967	\$8.078	\$8.163	\$8.193	\$8.274
Delivered Cost	\$0	\$7,907	\$18,959	\$19,080	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAUMEE_SUPP												
Delivered Mmbtu	885,069	902,619	907,355	806,912	868,104	682,970	15,200	14,400	16,000	16,396	12,396	8,356
NYMEX \$/Mmbtu Del Delivered Cost	\$7.347 \$6,503,039	\$7.697 \$6,947,366	7.935\$ 7,199,957\$	\$7.992 \$6,448,895	\$7.863 \$6,825,560	\$7.661 \$5,232,424	\$7.692 \$116,921	\$7.790 \$112,174	\$7.903 \$126,449	\$7.988 \$130,978	\$8.019 \$99,407	\$8.102 \$67,697
Delivered Cost	\$0,505,059	ψ0,9 <del>4</del> 7,300	φ1,199,901	ψ0, <del>44</del> 0,090	φ0,02 <b>0,</b> 000	φJ,232,424	\$110,921	φ112,174	\$120,445	φ130,970	\$99,407	\$07,0 <del>3</del> 7
BROADRUN_COL Delivered Mmbtu	289.616	296.040	305,908	276,304	286.172	234.125	9.600	9,600	4.396	4.000	8.000	10.000
Daily pricing wacog	\$7.347	\$7.697	\$7.935	\$7.992	\$7,863	\$7.661	\$7.692	\$7.790	\$7.903	\$7.988	\$8.019	\$8.102
Delivered Cost	\$2,127,952	\$2,278,589	\$2,427,412	\$2,208,240	\$2,250,058	\$1,793,697	\$73,845	\$74,783	\$34,742	\$31,954	\$64,154	\$81,016
COLUMBIA TETCO												
Delivered Mmbtu	0	52,351	111,542	84,426	7,360	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$8.249	\$8.604	\$8.842	\$8.899	\$8.770	\$7.966	\$7.997	\$8.094	\$8.208	\$8.293	\$8.324	\$8.406
Delivered Cost	\$0	\$450,436	\$986,295	\$751,335	\$64,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TENNESSEE AT WADDINGTON												
Delivered Mmbtu	30,000	31,000	31,000	28,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000
Delivered \$/Mmbtu Delivered Cost	\$5.959 \$178,769	\$6.273 \$194,471	\$6.523 \$202,198	\$6.582 \$184,300	\$6.447 \$199,847	\$6.290 \$188,686	\$6.322 \$195,983	\$6.425 \$192,750	\$6.544 \$202,870	\$6.634 \$205,659	\$6.667 \$200,000	\$6.753 \$209,355
	ψ170,709	ψι 34,471	ψ202,190	ψ104,300	ψ135,047	ψ100,000	ψ133,303	$\psi$ 132,730	ψ202,070	ψ200,009	Ψ200,000	ψ200,000

Updated Attachment GLB-5 Docket No. 3982 October 31, 2008 Page 18 of 18

30.556.771

\$7.537

3.584.792

\$26,459,170

\$203,843,591

\$194,339,096

26,971,979

\$0.352

#### Total delivered to the City Gas Gas Supply Costs NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NIAGARA TO TENNESSEE NOV DEC FEB MAR APR MAY AUG SEP OCT JAN JUN JUL Delivered Mmbtu Niagara 31,000 28,000 31,000 24,000 31,000 30,000 12,521 5,000 0 0 0 31,000 Delivered \$/Mmbtu Niagara \$7.368 \$7.663 \$7.898 \$7.954 \$7.826 \$7.550 \$7.581 \$7.678 \$7.790 \$7.874 \$7.905 \$7.986 Total Delivered cosl \$176,826 \$237,561 \$244,826 \$222,702 \$242,615 \$226,504 \$94,918 \$38,388 \$0 \$0 \$0 \$247,574 TETCO TO B&W Delivered Mmbtu 12,432 35,076 37,296 31,080 12,846 0 0 0 0 0 0 0 NYMEX \$/Mmbtu Del \$8.032 \$7.670 \$8.103 \$8.355 \$8.415 \$8.278 \$7.999 \$8.134 \$8.253 \$8.342 \$8.375 \$8.461 Total Delivered cosl \$95.353 \$284.212 \$311.605 \$261.545 \$106.341 \$0 \$0 \$0 \$0 \$0 \$0 \$0 Tetco to Dominion Delivered Mmbtu 0 1.590 3.710 3.710 0 0 0 0 0 0 0 0 NYMEX \$/Mmbtu Del \$7.443 \$7.804 \$8.044 \$8.101 \$7.971 \$7.758 \$7.789 \$7.887 \$8.000 \$8.086 \$8.117 \$8.199 Total Delivered cosl \$29,842 \$30,054 \$0 \$0 \$0 \$12,409 \$0 \$0 \$0 \$0 \$0 \$0 **Dominion to Tetco FTS** 0 31843 63550 52312 9730 0 Delivered Mmbtu 0 0 0 0 0 0 NYMEX \$/Mmbtu Del 7.8042 8.0436 8.1008 7.9707 7.7886 7.8867 8.0002 8.0859 8.1169 8.1995 7.4428 7.7576 Total Delivered cosl \$0 \$248,510 \$511,169 \$423,770 \$77,555 \$0 \$0 \$0 \$0 \$0 \$0 \$0 DISTRIGAS FCS Delivered Mmbtu Delivered \$/Mmbtu Delivered Cost HUBLINE Delivered Mmbtu at Historical 0 47,085 103,540 73,148 4,931 240,000 248,000 201,297 94,938 89,413 134,728 248,000 Delivered \$/Mmbtu \$8.354 \$8.704 \$8.937 \$8.993 \$8.866 \$7.388 \$7.418 \$7.514 \$7.624 \$7.708 \$7.738 \$7.819 Delivered Historical \$0 \$409,819 \$925,326 \$657,793 \$43,718 \$1,773,065 \$1,839,657 \$1,512,466 \$723,839 \$689,185 \$1,042,537 \$1,939,017 NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP ост **Total Pipeline Costs** \$20.559.518 \$29.370.191 \$32,744,160 \$29.245.242 \$26.075.651 \$21.291.369 \$13.836.132 \$10.605.154 \$10.199.516 \$10.362.020 \$10.370.794 \$15.643.014 \$230.302.760 **Total Pipeline Volumes** 2.905.207 3.887.492 4.166.226 3.699.560 3.407.598 2.898.913 1,916,430 1.462.457 1,388,566 1.393.465 1.387.284 2,043,573 WACOG \$7.859 \$7.220 \$7.252 \$7.077 \$7.555 \$7.905 \$7.652 \$7.345 \$7.345 \$7.436 \$7.476 \$7.655 Injections 0 0 0 0 0 535,068 539,392 516,749 554,841 527,139 478,409 433.194 Value at WACOG \$3,894,272 \$0 \$0 \$0 \$0 \$0 \$3,929,863 \$3,747,257 \$4,075,506 \$3,919,887 \$3,576,399 \$3,315,986

NYMEX cost of Supplies Non-gas cost of delivered supplies \$20,559,518

2,905,207

\$19,714,735

\$29,370,191

\$27,507,893

3,887,492

\$32,744,160

4,166,226

\$30,438,447

\$29,245,242

\$27,232,461

3,699,560

\$26,075,651

3,407,598

\$24,657,379 \$16,762,025

\$17,361,506

2,363,845

\$9,941,860

1,377,038

\$9,805,888

\$6,857,897

\$6,824,229

945,708

\$6,124,010

\$6,107,869

833,725

\$6,442,133

\$6,418,609

866,326

\$6,794,395

\$6,761,121

908,875

\$12,327,028

\$12,108,440

1,610,379

**Pipeline Costs less Injections** 

**Pipeline Volumes less injections**