

June 3, 2008

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 3961 – National Grid Interim Gas Cost Recovery
Supplemental Testimony of Gary L. Beland**

Dear Ms. Massaro:

Enclosed please find an original and nine (9) copies of the supplemental testimony of Gary L. Beland in National Grid's¹ Interim Gas Cost Recovery filing.

This supplemental testimony contains, among other things, schedules of Gary L. Beland, including Attachment GLB-5, which contains specific gas cost details under contracts with Distrigas. As permitted by the Commission's Rules of Practice and Procedure Rule 1.2(g) and R.I.G.L. § 38-2-2(4)(B), the Company is seeking confidential treatment of Attachment GLB-5.

This filing also contains a Motion for Protective Treatment in accordance with Commission Rule 1.2(g) 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 and is commercially sensitive, and proprietary. Accordingly, National Grid requests that the Commission protect pages 8, 10, and 18 of Attachment GLB-5.

In compliance with Rule 1.2(g), National Grid is providing one (1) complete unredacted copy of the confidential documents in a sealed envelope marked "**Contains Privileged and Confidential Materials – Do Not Release.**" The Company has provided the Commission with the confidential version of Attachment GLB-5 for its review and has included redacted versions of Attachment GLB-5 in the filing and in copies 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.)

¹ The Narragansett Electric Company, d/b/a National Grid ("National Grid" or the "Company").

Certificate of Service

I certify that a copy of the cover letter and materials accompanying this certificate were mailed or hand-delivered to the individuals listed below.

 /S/

Date: June 3, 2008

Carol Gilmore
National Grid

**Docket No. 3961 – National Grid – Interim Gas Cost Recovery Filing
("GCR") - Service List as of 5/28/08**

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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
RHODE ISLAND PUBLIC UTILITIES COMMISSION

NATIONAL GRID
INTERIM ANNUAL GAS COST RECOVERY

Docket 3961

NATIONAL GRID'S REQUEST
FOR PROTECTIVE TREATMENT OF CONFIDENTIAL INFORMATION

National Grid¹ hereby requests that the Rhode Island Public Utilities Commission (“Commission”) provide confidential treatment and grant protection from public disclosure of certain confidential, competitively sensitive, and proprietary information submitted in this proceeding, as permitted by Commission Rule 1.2(g) and R.I.G.L. § 38-2-2(4)(i)(B). National Grid also hereby requests that, pending entry of that finding, the Commission preliminarily grant National Grid’s request for confidential treatment pursuant to Rule 1.2 (g)(2).

I. BACKGROUND

On May 23, 2008, National Grid filed with the Commission its interim gas cost recovery filing, and on June 3, 2008, it filed Supplemental Testimony of Gary Beland. This supplemental testimony contains, among other things, schedules of Gary L. Beland, including Attachment GLB-5, which contains specific gas cost details under contracts with Dstrigas.

¹ The Narragansett Electric Company d/b/a National Grid (“National Grid or “the Company”).

The Company has filed redacted copies of pages 8, 10, and 18 of Attachment GLB-5, deleting the above-referenced confidential information. For the reasons stated below, the Company requests that these confidential and proprietary terms be protected from public disclosure.

II. LEGAL STANDARD

The Commission's Rule 1.2(g) provides that access to public records shall be granted in accordance with the Access to Public Records Act ("APRA"), R.I.G.L. §38-2-1, *et seq.* Under APRA, all documents and materials submitted in connection with the transaction of official business by an agency is deemed to be a "public record," unless the information contained in such documents and materials falls within one of the exceptions specifically identified in R.I.G.L. §38-2-2(4). Therefore, to the extent that information provided to the Commission falls within one of the designated exceptions to the public records law, the Commission has the authority under the terms of APRA to deem such information to be confidential and to protect that information from public disclosure.

In that regard, R.I.G.L. §38-2-2(4)(i)(B) provides that the following types of records shall not be deemed public:

Trade secrets and commercial or financial information obtained from a person, firm, or corporation which is of a privileged or confidential nature.

The Rhode Island Supreme Court has held that this confidential information exemption applies where disclosure of information would be likely either (1) to impair the Government's ability to obtain necessary information in the future; or (2) to cause substantial harm to the competitive position of the person from whom the information

was obtained. Providence Journal Company v. Convention Center Authority, 774 A.2d 40 (R.I.2001).

The first prong of the test is satisfied when information is voluntarily provided to the governmental agency and that information is of a kind that would customarily not be released to the public by the person from whom it was obtained. Providence Journal, 774 A.2d at 47.

In addition, the Court has held that the agencies making determinations as to the disclosure of information under APRA may apply the balancing test established in Providence Journal v. Kane, 577 A.2d 661 (R.I.1990). Under that balancing test, the Commission may protect information from public disclosure if the benefit of such protection outweighs the public interest inherent in disclosure of information pending before regulatory agencies.

III. BASIS FOR CONFIDENTIALITY

With respect to the Distrigas contract, the Company seeks protection from public disclosure for information describing the pricing terms in an existing contract between itself and Distrigas. The information for which the Company seeks confidential treatment is confidential, commercially sensitive, and proprietary. Distrigas is an active participant in the gas marketplace, and it requires confidential treatment of the price terms set forth in its contracts in order to protect its competitive position, bargaining latitude, and negotiating leverage in that marketplace.

Consistent with the Commission's rules and precedent, the subject of the

Company' request for confidentiality under the Distrigas contract are price terms that have been negotiated between the parties and are subject to a confidentiality provision in the contract. Public disclosure of price terms would be commercially harmful to Distrigas because their other customers and potential customers could use this information to seek similar terms. Also, if the pricing is disclosed, competitors of Distrigas would have important, competitively sensitive information regarding its willingness to accept certain pricing or related contract terms, which would give those competitors an unfair competitive advantage.

Consequently, disclosure of these contract terms may dissuade Distrigas from offering these services in Rhode Island. Moreover, a lack of confidentiality may discourage it from making concessions or agreeing to specific provisions more favorable to the Company, because public knowledge of such information would decrease Distrigas's bargaining leverage in other negotiations. Finally, disclosure of the pricing would potentially impede the Company's ability to obtain a similar or better pricing in the marketplace in the future to the detriment of customers.

V. CONCLUSION

The pricing terms of the Distrigas contract are confidential, commercially sensitive, and proprietary. Accordingly, the Company requests that the Commission protect the price terms and related calculations set forth in Exhibits GLB-5.

WHEREFORE, the Company respectfully requests that the Commission grant its Motion for Protective Treatment as stated herein.

Respectfully submitted,

NATIONAL GRID

By its attorney,



Thomas R. Teehan, Esq. (RI Bar #4698)
National Grid
280 Melrose Street
Providence, RI 02907
(401) 784-7667

Dated: June 3, 2008

SUPPLEMENTAL TESTIMONY

OF

GARY L. BELAND

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

2 A. My name is Gary L. Beland. My business address is 280 Melrose Street, Providence,
3 Rhode Island 02907.

4 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN THIS DOCKET?**

5 A. Yes, I previously submitted pre-filed testimony in this docket on May 23, 2008.

6 **Q. WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL TESTIMONY?**

7 A. The purpose of this supplemental testimony is to provide the calculation of the weighted
8 average of the Company's upstream pipeline transportation capacity charges and the
9 calculation of the marketer surcharge/credit charges associated with capacity releases.

10 **Q. WHAT AMOUNT OF PIPELINE CAPACITY WILL BE ASSIGNED TO**
11 **MARKETERS?**

12 A. The amount of capacity assigned to marketers is a direct function of the amount of
13 capacity in the Company's resource portfolio. The supply portfolio allows for a
14 pipeline assignment equal to 122.1% of each customer's normal average winter day's
15 usage. Use of the updated pipeline assignment factor will commence on November 1,
16 2008.

1 **Q. WHAT TRANSPORTATION PATHS WILL BE AVAILABLE FOR**
2 **ASSIGNMENT TO MARKETERS?**

3 A. Schedule GLB-5, page 1 shows the paths and corresponding quantities available for
4 assignment to marketers. In total, the Company has made available 25,258 Dth per day
5 of capacity on six different pipeline paths, which is unchanged from last year. The
6 capacity provides marketers with the flexibility to select paths that best fit their
7 individual resource portfolios and requirements. In the event an individual path is over-
8 subscribed, the Company will assign capacity on a pro rata basis.

9 **Q. PLEASE EXPLAIN THE SURCHARGE/CREDIT CALCULATION FOR EACH**
10 **ASSIGNED PIPELINE PATH.**

11 A. The first step in calculating the adjustment charge for each path is calculating the
12 system-average cost. The derivation of the weighted-average pipeline path cost of
13 \$1.285 per Dth is shown at Schedule GLB-5, page 10. This cost is equal to the sum of
14 the 100% load factor fixed-cost unit value and the system-average unit variable cost.
15 The fixed costs are similar to reservation charges, which reserve space on the pipeline
16 and ensure that there is a path available to transport gas to the Rhode Island area. The
17 100% load factor fixed-cost unit value is \$0.5873 per Dth. The variable costs include
18 the pipeline compressor fuel loss and the usage fees on the pipelines. The compressor
19 fuel loss is the amount of gas retained by the pipeline to provide fuel to operate its
20 compressors. The significant increase in gas costs over last year has caused a

1 significant increase in the average variable unit cost this year. The system-average
2 pipeline unit variable cost is \$0.6972 per Dth. Thus, the sum of the \$0.5873 (100%
3 load factor) unit fixed-cost and \$0.6972 system-average pipeline unit variable cost
4 results in the \$1.285 per Dth weighted average pipeline cost.

5 **Q. HOW ARE THE DELIVERED COSTS FOR EACH PATH DEVELOPED?**

6 A. The calculations to develop the delivered cost for each path are similar to those
7 described for the system average. For illustration, the calculation for the first path
8 (Tennessee Zone 1, shown on Schedule GLB-5, page 6) would be comprised of a single
9 contract originating in Zone 1 in the Texas/Louisiana area and terminating in Zone 6 at
10 the Company's Tennessee gate station in Cranston, RI. Total fixed costs of \$1,090,800
11 and total variable costs of \$25,051,100 are shown near the bottom, right of page 6 of
12 GLB-5. Commodity gas costs of \$23,055,450 priced at the April 29, 2008 NYMEX
13 prices used in this filing, are subtracted from the variable costs to arrive at the non-gas
14 variable costs, which include pipeline charges and the historic basis differential
15 associated with the path. The cost of the path equals the sum of the fixed unit cost of
16 \$0.498 per Dth at 100% load factor plus the non-gas variable unit cost of \$0.911 per
17 Dth, or \$1.409 per Dth. The unit cost of \$1.409 per Dth represents the direct costs
18 incurred by the marketer, which are paid to the transporter or other provider. Since
19 these costs are \$0.125 per Dth more than the system-average of \$1.285, marketers
20 electing this path would be credited \$0.125 per Dth per day each month on their bill
21 from the Company for each Dth of released capacity. A summary of the individual path

1 costs and associated credits or surcharges, for which approval is sought, is shown on
2 page 1 of Schedule GLB-5.

3 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

4 A. Yes, it does.

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

Path to City Gate	As of 5/1/08 Existing Releases	Total Available	Remaining Available	Cost /Dth	New Credit/ Surcharge	Old Credit / Surcharge
Company Weighted Average				\$1.285		
Tennessee Zone 1	3,403	6,000	2,597	\$1.409	(\$0.125)	(\$0.323)
Algonquin @ Lambertville, NJ	0	2,714	2,714	\$1.118	\$0.167	(\$0.212)
Texas Eastern - South Texas Algonquin @ Lambertville, NJ	4,044	4,044	0	\$1.612	(\$0.327)	(\$0.258)
Texas Eastern - West La Algonquin @ Lambertville, NJ	6,000	6,000	0	\$1.641	(\$0.357)	(\$0.568)
Texas Eastern - East La Algonquin @ Lambertville, NJ	4,505	5,500	995	\$1.566	(\$0.281)	(\$0.504)
Columbia (Maumee/Downington) at 5:1 ratio**	0	1,000	1,000	\$0.876	\$0.409	(\$0.014)
Totals	17,952	25,258	7,306			

** 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.

REDACTED VERSION

CALCULATION OF SYSTEM WEIGHTED AVERAGE DEMAND COSTS

2008 GCR PROJECTED PRICES

UNIT PRICES

	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
NETNE	\$/Dth	\$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
NOVA	\$/Dth	\$4.140	\$4.278	\$4.002	\$4.140	\$4.278	\$4.140	\$4.278	\$4.140	\$4.278	\$4.140	\$4.278
TRANSCANADA	\$/Dth	\$28.170	\$29.109	\$29.109	\$27.231	\$29.109	\$28.170	\$29.109	\$28.170	\$29.109	\$29.109	\$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
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
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
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
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
COLUMBIA FTS DEMAND	\$/Dth	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967	\$5.967
HUBLINE	\$/Dth	11.5580	11.5580	11.5580	11.5580	11.5580	11.5580	11.5580	11.5580	11.5580	11.5580	11.5580
HUBLINE	\$/Dth	\$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

REDACTED VERSION

CALCULATION OF SYSTEM WEIGHTED AVERAGE DEMAND COSTS

2008 GCR PROJECTED PRICES

	UNIT PRICES											
	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	\$ 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	\$ 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	\$ 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	\$ 156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477	\$156,477
CITY GATE DELIVERED MDQ = 5,500 DTH	\$ 301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530	\$301,530
TENNESSEE DRACUT	\$ 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
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
IROQUOIS	\$ 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	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455	\$4,455
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	\$ 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	\$ 283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164	\$283,164
HUBLINE	\$ 46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232	\$46,232
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	\$ 63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370	\$63,370
	\$ 2,593,879	\$ 2,594,027	\$ 2,592,860	\$ 2,593,009	\$ 2,593,157	\$ 2,593,009	\$ 2,593,157	\$ 2,593,009	\$ 2,593,157	\$ 2,593,157	\$ 2,593,009	\$ 2,593,157
												\$31,118,585

SUPPLIER FIXED COST DOLLARS

DISTRIGAS FCS

\$	
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TOTAL PIPELINE FIXED DEMAND CHARGES

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

0.5873
17.8633
0.6972
\$ 1.285

NATIONAL GRID
2009 ESTIMATED GCR
NORMAL WEATHER SCENARIO

New Energy Associates, LLC Page 1
SENDOUT Version 9.0.2 REP013 28-May-2008
Report 13 12:43:09

Natural Gas Supply VS. Requirements

Units: MDT

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	2009	Total
	2008	2008	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	
Forecast Demand														
RI Sales GCR	2622717	4241840	5044293	4438288	3632328	2108674	1232306	831637	745208	776452	801792	1460795	27936330	
NON EX TR DE	313107	469231	497378	474703	426684	275870	166121	134770	109906	111264	127782	170974	3277790	
Total Demand	2935824	4711071	5541671	4912991	4059012	2384544	1398427	966407	855114	887716	929574	1631769	31214120	
Storage Injections														
TENN_8995	0	0	0	0	0	0	22246	34440	26460	26250	26250	26250	188146	
TENN_501	0	0	0	0	0	0	60534	77500	75000	124000	86706	60534	538755	
GSS 600045	0	0	0	0	0	0	180000	186000	180000	186000	186000	170374	1212243	
GSS 300171	0	0	0	0	0	0	30418	32519	31470	18881	18881	18881	16993	
GSS 300169	0	0	0	0	0	0	42050	31000	30000	20610	20610	20610	183429	
GSS 300168	0	0	0	0	0	0	16025	31000	30000	15405	15405	15405	137105	
GSS 300170	0	0	0	0	0	0	60000	62000	60000	62000	49034	49034	386199	
TETCO_400221	0	0	0	0	0	0	120000	124000	120000	118804	118804	118804	827334	
TETCO_400515	0	0	0	0	0	0	8730	5664	5664	5664	5664	5664	42148	
TETCO 400185	0	0	0	0	0	0	10918	5199	5199	5199	5199	5199	41592	
COL FS 38010	0	0	0	0	0	0	24000	24800	24000	20396	20396	18356	152343	
LNG EXETER	13000	0	0	0	0	0	5478	83700	58224	38726	5150	0	212878	
LNG PROV	15000	0	0	0	0	0	4500	0	44974	74680	79990	68753	287897	
LNG VALLEY	2700	1672	0	0	0	0	26400	0	22776	0	3870	1010	64618	
Total Injections	30,700	1,672	0	0	0	0	611,299	697,822	668,793	686,909	636,649	592,151	4,442,731	
Non-LNG Injections	0	0	0	0	0	0	574,921	614,122	587,793	603,209	552,949	511,151	3,877,338	
Total LNG Injection	30,700	1,672	0	0	0	0	36,378	83,700	81,000	83,700	83,700	83,543	565,393	
Total Req less LNG inj.	2,935,824	4,711,071	5,541,671	4,912,991	4,059,012	2,959,465	2,012,549	1,554,200	1,458,323	1,440,665	1,440,725	2,064,963	35,091,458	

REDACTED VERSION

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total
Sources of Supply													
TENN_ZONE_0	254145	277648	282960	254664	262503	278627	111940	101460	150250	112956	86784	80731	2254667
TENN_ZONE_1	0	513655	528185	508876	412328	0	0	0	0	0	0	0	1963044
TENN_CONX	348000	359600	359600	324800	359600	348000	359600	348000	359600	359600	348000	359600	4234000
TENN_DRACUT	29700	40211	90486	64423	30690	0	0	0	0	0	0	0	255510
TETCO_STX	394074	376200	384555	354244	340823	395940	409138	395940	409138	409138	395940	409138	4674269
TETCO_ELA	0	66139	112758	85162	51999	0	0	0	0	0	0	0	316058
TETCO_WLA	0	217180	294445	247614	200523	0	0	0	0	0	0	0	959762
TETCO_ETX	296580	305233	305103	276808	295975	296580	306466	296580	306466	306466	296580	306466	3595304
TETCO - NF	0	5461	12348	9702	5292	0	0	0	0	0	0	0	32803
HUBLINE	0	16000	19397	7193	0	204546	0	0	0	0	0	0	247136
M3_DELIVERED	0	39173	89632	62660	0	0	0	0	0	0	0	0	191466
MAUMEE_SUPP	887670	917259	917259	828492	916339	887670	592993	205316	108997	113184	179356	640898	7195433
BROADRUN_COL	296190	306063	306063	276444	296190	296190	149022	126205	40482	55931	53365	184583	2386728
Col Tran-Tet	0	26682	73410	63344	0	0	0	0	0	0	0	0	163436
TRAN WHART	9300	9610	9610	8680	9610	0	0	0	0	0	0	0	46810
TETCO B&W	12432	12846	18648	16576	12846	0	0	0	0	0	0	0	73349
DOM TET FTS	0	14648	41818	32958	0	0	0	0	0	0	0	0	89424
TETCO DOM	15900	16430	16430	14840	16430	0	0	0	0	0	0	0	80030
ANE	30000	31000	31000	28000	31000	30000	31000	30000	31000	31000	30000	31000	365000
NIAGARA	5504	29000	30000	27000	27000	30000	31000	30000	31000	31000	30000	31000	332504
DIST FCS VAP	182784	228480	235036	211387	220673	71641	0	0	0	0	0	0	1150000
Total Pipeline Supply Deliveries	2762279	3808518	4158743	3703867	3489821	2839194	1991159	1533501	1436933	1419275	1420025	2043416	30606733
CITY GATE DELIVERED MDQ = 6,000 DTH													
Storage Withdrawals													
TENN_8995	8400	22365	81900	55335	0	20146	0	0	0	0	0	0	188146
TENN_501	23703	131936	131936	119168	131936	0	0	0	0	0	0	0	538679
GSS 600045	120742	267654	292237	263956	267654	0	0	0	0	0	0	0	1212243
GSS 300171	0	32727	77520	58424	0	0	0	0	0	0	0	0	168671
GSS 300169	0	42735	61050	54945	24904	0	0	0	0	0	0	0	183634
GSS 300168	0	34535	42873	37341	23008	0	0	0	0	0	0	0	137757
GSS 300170	0	91376	157680	121556	15764	0	0	0	0	0	0	0	386376
TETCO_400221	0	196546	308889	285129	36770	0	0	0	0	0	0	0	827334
TETCO_400515	0	11328	14726	13594	2492	0	0	0	0	0	0	0	42140
TETCO 400185	0	10398	13517	12478	5141	0	0	0	0	0	0	0	41535
COL FS 38010	0	17591	67434	46913	20396	0	0	0	0	0	0	0	152334
LNG EXETER	3000	17600	37400	99000	22000	5478	3100	3000	3100	3100	3000	3100	202878
LNG PROV	15000	20400	87600	37200	15600	20100	15500	15000	15500	15500	15000	15500	287897
LNG VALLEY	2700	2790	5590	3526	3526	29926	2790	2700	2790	2790	2700	2790	64618
Total Withdrawals	173,545	899,981	1,380,352	1,208,565	569,191	75,650	21,390	20,700	21,390	21,390	20,700	21,390	4,434,242
Total Supply	2,935,824	4,708,499	5,539,095	4,912,432	4,059,012	2,914,844	2,012,549	1,554,201	1,458,323	1,440,665	1,440,725	2,064,806	35,040,975

REDACTED VERSION

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total
04/29/2008 NYMEX	\$11.375	\$11.715	\$11.930	\$11.885	\$11.600	\$9.740	\$9.540	\$9.605	\$9.690	\$9.740	\$9.760	\$9.830	
TENNESSEE ZN 0													
Basis	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)
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	\$0.1627
fuel	8.71%	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	\$12.2794	\$12.6518	\$12.8873	\$12.8380	\$12.5258	\$10.3445	\$10.1285	\$10.1987	\$10.2905	\$10.3445	\$10.3661	\$10.4417	
TENNESSEE CONNEXION													
Basis	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)	(\$0.314)
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	\$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%	7.42%
Total Delivered	\$12.1167	\$12.4891	\$12.7246	\$12.6753	\$12.3631	\$10.1818	\$9.9658	\$10.0360	\$10.1278	\$10.1818	\$10.2034	\$10.2790	
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)	(\$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	\$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%	6.67%
Total Delivered	\$12.4219	\$12.7908	\$13.0240	\$12.9752	\$12.6660	\$10.5189	\$10.3046	\$10.3743	\$10.4653	\$10.5189	\$10.5403	\$10.6153	
TENNESSEE DRACUT													
Basis	\$1.725	\$1.725	\$1.725	\$1.725	\$1.725	\$0.631	\$0.631	\$0.631	\$0.631	\$0.631	\$0.631	\$0.631	\$0.631
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	\$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%	0.85%
Total Delivered	\$13.2837	\$13.6268	\$13.8437	\$13.7983	\$13.5108	\$10.5264	\$10.3247	\$10.3902	\$10.4759	\$10.5264	\$10.5465	\$10.6171	
TETCO STX													
CITY GATE DELIVERED MDQ = 5,500	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)	(\$0.410)
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	\$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	\$0.0131
Fuel to M3	7.94%	8.74%	8.74%	8.74%	8.74%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%	7.94%
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%	0.61%
Total Delivered	\$12.0366	\$12.6064	\$12.8452	\$12.7952	\$12.4787	\$10.2496	\$10.0311	\$10.1021	\$10.1950	\$10.2496	\$10.2715	\$10.3480	
TETCO WLA													
Basis	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)	(\$0.104)
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	\$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	\$0.0131
Fuel to M3	7.34%	7.93%	7.93%	7.93%	7.93%	7.34%	7.34%	7.34%	7.34%	7.34%	7.34%	7.34%	7.34%
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%	0.61%
Total Delivered	\$12.2906	\$12.8321	\$13.0688	\$13.0192	\$12.7056	\$10.5152	\$10.2981	\$10.3686	\$10.4609	\$10.5152	\$10.5370	\$10.6130	
TETCO ELA													
Basis	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)
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	\$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	\$0.0131
Fuel to M3	7.08%	7.57%	7.57%	7.57%	7.57%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%
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%	0.61%
Total Delivered	\$12.3132	\$12.8399	\$13.0756	\$13.0263	\$12.7138	\$10.5428	\$10.3262	\$10.3966	\$10.4887	\$10.5428	\$10.5645	\$10.6403	

REDACTED VERSION

TETCO ETX

Basis	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)	(\$0.423)
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	7.08%	7.57%	7.57%	7.57%	7.57%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%
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	\$11.9107	\$12.4324	\$12.6682	\$12.6188	\$12.3063	\$10.1404	\$9.9238	\$9.9942	\$10.0862	\$10.1404	\$10.1620	\$10.2378

TETCO TO NF

Basis	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)
Usage to M2	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015
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	3.72%	4.03%	4.03%	4.03%	4.03%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
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	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%
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	\$12.0624	\$12.4546	\$12.6787	\$12.6318	\$12.3348	\$10.3642	\$10.1565	\$10.2240	\$10.3123	\$10.3642	\$10.3850	\$10.4577
Delivered to Transco	\$12.2422	\$12.6400	\$12.8672	\$12.8196	\$12.5185	\$10.5199	\$10.3092	\$10.3777	\$10.4672	\$10.5199	\$10.5409	\$10.6147
Delivered to Algonquin	\$12.3431	\$12.7441	\$12.9732	\$12.9252	\$12.6216	\$10.6071	\$10.3948	\$10.4638	\$10.5540	\$10.6071	\$10.6284	\$10.7027
Total Delivered	\$12.4320	\$12.9277	\$13.1598	\$13.1112	\$12.8036	\$10.6853	\$10.4717	\$10.5411	\$10.6319	\$10.6853	\$10.7067	\$10.7815

M3 DELIVERED

Basis	\$1.155	\$1.155	\$1.155	\$1.155	\$1.155	\$0.564	\$0.564	\$0.564	\$0.564	\$0.564	\$0.564	\$0.564
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%
Gas Year 2008 - 2009	\$12.6197	\$13.0550	\$13.2728	\$13.2272	\$12.9384	\$10.3802	\$10.1790	\$10.2444	\$10.3299	\$10.3802	\$10.4003	\$10.4707

CITY GATE DELIVERED MDQ = 1,000 DTH

MAUMEE SUPPLY

Basis	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26
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	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%
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	\$11.9779	\$12.4155	\$12.6378	\$12.5913	\$12.2966	\$10.2995	\$10.0942	\$10.1609	\$10.2481	\$10.2995	\$10.3200	\$10.3919

BROADRUN COLUMBIA

Basis	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26	\$0.26
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	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%
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	\$11.9779	\$12.4155	\$12.6378	\$12.5913	\$12.2966	\$10.2995	\$10.0942	\$10.1609	\$10.2481	\$10.2995	\$10.3200	\$10.3919

COLUMBIA TO AGT

Basis	\$1.155	\$1.155	\$1.155	\$1.155	\$1.155	\$0.564	\$0.564	\$0.564	\$0.564	\$0.564	\$0.564	\$0.564
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	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%	1.99%
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	\$12.8920	\$13.3362	\$13.5585	\$13.5120	\$13.2173	\$10.6071	\$10.4018	\$10.4685	\$10.5558	\$10.6071	\$10.6276	\$10.6995

REDACTED VERSION

DOMINION TO B & W

Basis	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)
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	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015	\$0.3015
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	3.72%	4.03%	4.03%	4.03%	4.03%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%	3.72%
Fuel on Dominion	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%	3.05%
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	0.61%	1.32%	1.32%	1.32%	1.32%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%	0.61%
Delivered to Dominion	\$12.0624	\$12.4546	\$12.6787	\$12.6318	\$12.3348	\$10.3642	\$10.1565	\$10.2240	\$10.3123	\$10.3642	\$10.3850	\$10.4577
Delivered to Tetco	\$12.4685	\$12.8731	\$13.1041	\$13.0558	\$12.7495	\$10.7169	\$10.5026	\$10.5722	\$10.6633	\$10.7169	\$10.7383	\$10.8133
Delivered to Algonquin	\$12.6333	\$13.0432	\$13.2773	\$13.2283	\$12.9180	\$10.8588	\$10.6418	\$10.7123	\$10.8045	\$10.8588	\$10.8805	\$10.9565
Total Delivered	\$12.9404	\$13.4473	\$13.6845	\$13.6348	\$13.3204	\$11.1551	\$10.9367	\$11.0076	\$11.1005	\$11.1551	\$11.1769	\$11.2533

TRANSCO AT WHARTON

Basis	\$1.2277	\$1.2277	\$1.2277	\$1.2277	\$1.2277	\$0.5653	\$0.5653	\$0.5653	\$0.5653	\$0.5653	\$0.5653	\$0.5653
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 on Transco	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%	0.79%
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	\$12.7976	\$13.2369	\$13.4565	\$13.4106	\$13.1194	\$10.4677	\$10.2649	\$10.3308	\$10.4170	\$10.4677	\$10.4880	\$10.5590

AECO TO TENNESSEE - ANE II

Basis	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)	(\$1.106)
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 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	\$11.2399	\$11.6084	\$11.8415	\$11.7927	\$11.4838	\$9.4676	\$9.2508	\$9.3213	\$9.4134	\$9.4676	\$9.4893	\$9.5652

NIAGARA TO TENNESSEE

Basis	\$0.533	\$0.533	\$0.533	\$0.533	\$0.533	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230	\$0.230
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	2.09%	2.09%	2.09%	2.09%	2.09%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%
Total Delivered	\$12.2472	\$12.5944	\$12.8140	\$12.7681	\$12.4770	\$10.2443	\$10.0405	\$10.1068	\$10.1934	\$10.2443	\$10.2647	\$10.3360

Tetco to B&W

Basis	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)	(\$0.052)
usage	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399	\$0.399
fuel to ZN 3	7.08%	7.57%	7.57%	7.57%	7.57%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%	7.08%
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	\$12.6637	\$13.1905	\$13.4262	\$13.3769	\$13.0644	\$10.8933	\$10.6768	\$10.7471	\$10.8392	\$10.8933	\$10.9150	\$10.9908

Dominion to Tetco FTS

Basis	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36	\$0.36
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	2.68%	2.62%	2.62%	2.62%	2.62%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%	2.68%
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	\$12.1507	\$12.5843	\$12.8080	\$12.7612	\$12.4646	\$10.4603	\$10.2536	\$10.3208	\$10.4086	\$10.4603	\$10.4810	\$10.5534

DISTRIGAS FCS

Total Delivered	\$11.375	\$11.715	\$11.930	\$11.885	\$11.600	\$9.740	\$9.540	\$9.605	\$9.690	\$9.740	\$9.760	\$9.830
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Hubline

Basis	\$1.7250	\$1.7250	\$1.7250	\$1.7250	\$1.7250	\$0.6314	\$0.6314	\$0.6314	\$0.6314	\$0.6314	\$0.6314	\$0.6314
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	\$13.1935	\$13.6329	\$13.8508	\$13.8052	\$13.5163	\$10.4481	\$10.2469	\$10.3123	\$10.3978	\$10.4481	\$10.4682	\$10.5387

Total delivered to the City Gas Gas Supply Costs

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Tennessee Zn 0												
Delivered Mmbtu	254,145	277,648	282,960	254,664	262,503	278,627	111,940	101,460	150,250	112,956	86,784	80,731
NYMEX \$/Mmbtu Del	\$12.2794	\$12.6518	\$12.8873	\$12.8380	\$12.5258	\$10.3445	\$10.1285	\$10.1987	\$10.2905	\$10.3445	\$10.3661	\$10.4417
Total Delivered Cost	\$3,120,736	\$3,512,745	\$3,646,592	\$3,269,379	\$3,288,065	\$2,882,251	\$1,133,779	\$1,034,756	\$1,546,143	\$1,168,471	\$899,610	\$842,968
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	12.1167	12.4891	12.7246	12.6753	12.3631	10.1818	9.9658	10.0360	10.1278	10.1818	10.2034	10.2790
Total Delivered Cost	\$4,216,595	\$4,491,077	\$4,575,768	\$4,116,941	\$4,445,778	\$3,543,259	\$3,583,684	\$3,492,514	\$3,641,947	\$3,661,368	\$3,550,777	\$3,696,326
TENN ZONE 1												
Delivered Mmbtu	0	513,655	528,185	508,876	412,328	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$12.422	\$12.791	\$13.024	\$12.975	\$12.666	\$10.519	\$10.305	\$10.374	\$10.465	\$10.519	\$10.540	\$10.615
Total Delivered Cost	\$0	\$6,570,052	\$6,879,096	\$6,602,773	\$5,222,559	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TENN DRACUT												
Delivered Mmbtu at Historical	29,700	40,211	90,486	64,423	30,690	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$13.284	\$13.627	\$13.844	\$13.798	\$13.511	\$10.526	\$10.325	\$10.390	\$10.476	\$10.526	\$10.547	\$10.617
Total Delivered Cost	\$394,527	\$547,947	\$1,252,663	\$888,929	\$414,645	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO STX												
Delivered Mmbtu	394,074	376,200	384,555	354,244	340,823	395,940	409,138	395,940	409,138	409,138	395,940	409,138
NYMEX \$/Mmbtu Del	\$12.0366	\$12.6064	\$12.8452	\$12.7952	\$12.4787	\$10.2496	\$10.0311	\$10.1021	\$10.1950	\$10.2496	\$10.2715	\$10.3480
Delivered Cost	\$4,743,292	\$4,742,534	\$4,939,670	\$4,532,619	\$4,253,034	\$4,058,241	\$4,104,085	\$3,999,822	\$4,171,158	\$4,193,515	\$4,066,895	\$4,233,759
TETCO WLA												
Delivered Mmbtu	0	217,180	294,445	247,614	200,523	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$12.2906	\$12.8321	\$13.0688	\$13.0192	\$12.7056	\$10.5152	\$10.2981	\$10.3686	\$10.4609	\$10.5152	\$10.5370	\$10.6130
Delivered Cost	\$0	\$2,786,882	\$3,848,035	\$3,223,747	\$2,547,756	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TETCO ELA												
Delivered Mmbtu	0	66,139	112,758	85,162	51,999	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	\$12.3132	\$12.8399	\$13.0756	\$13.0263	\$12.7138	\$10.5428	\$10.3262	\$10.3966	\$10.4887	\$10.5428	\$10.5645	\$10.6403
Delivered Cost	\$0	\$849,219	\$1,474,383	\$1,109,346	\$661,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0

REDACTED VERSION

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	305,233	305,103	276,808	295,975	296,580	306,466	296,580	306,466	306,466	296,580	306,466
NYMEX \$/Mmbtu Del	\$11.9107	\$12.4324	\$12.6682	\$12.6188	\$12.3063	\$10.1404	\$9.9238	\$9.9942	\$10.0862	\$10.1404	\$10.1620	\$10.2378
Delivered Cost	\$3,532,489	\$3,794,789	\$3,865,091	\$3,492,989	\$3,642,372	\$3,007,430	\$3,041,310	\$2,964,077	\$3,091,086	\$3,107,678	\$3,013,853	\$3,137,544
TETCO - NF												
Delivered Mmbtu	0	5,461	12,348	9,702	5,292	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$12.4320	\$12.9277	\$13.1598	\$13.1112	\$12.8036	\$10.6853	\$10.4717	\$10.5411	\$10.6319	\$10.6853	\$10.7067	\$10.7815
Delivered Cost	\$0	\$70,598	\$162,497	\$127,205	\$67,757	\$0	\$0	\$0	\$0	\$0	\$0	\$0
M3 DELIVERED												
Delivered Mmbtu	0	39,173	89,632	62,660	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$12.6197	\$13.0550	\$13.2728	\$13.2272	\$12.9384	\$10.3802	\$10.1790	\$10.2444	\$10.3299	\$10.3802	\$10.4003	\$10.4707
Delivered Cost	\$0	\$511,402	\$1,189,670	\$828,818	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transco at Wharton												
Delivered Mmbtu	9,300	9,610	9,610	8,680	9,610	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$12.798	\$13.237	\$13.457	\$13.411	\$13.119	\$10.468	\$10.265	\$10.331	\$10.417	\$10.468	\$10.488	\$10.559
Delivered Cost	\$119,018	\$127,207	\$129,317	\$116,404	\$126,078	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MAUMEE_SUPP												
Delivered Mmbtu	887,670	917,259	917,259	828,492	916,339	887,670	592,993	205,316	108,997	113,184	179,356	640,898
NYMEX \$/Mmbtu Del	\$11.978	\$12.416	\$12.638	\$12.591	\$12.297	\$10.299	\$10.094	\$10.161	\$10.248	\$10.299	\$10.320	\$10.392
Delivered Cost	\$10,632,418	\$11,388,249	\$11,592,154	\$10,431,785	\$11,267,871	\$9,142,537	\$5,985,770	\$2,086,194	\$1,117,018	\$1,165,736	\$1,850,955	\$6,660,127
BROADRUN_COL												
Delivered Mmbtu	296,190	306,063	306,063	276,444	296,190	296,190	149,022	126,205	40,482	55,931	53,365	184,583
Daily pricing wacog	\$11.978	\$12.416	\$12.638	\$12.591	\$12.297	\$10.299	\$10.094	\$10.161	\$10.248	\$10.299	\$10.320	\$10.392
Delivered Cost	\$3,547,733	\$3,799,932	\$3,867,969	\$3,480,787	\$3,642,136	\$3,050,602	\$1,504,253	\$1,282,355	\$414,866	\$576,060	\$550,727	\$1,918,162
COLUMBIA_TETCO												
Delivered Mmbtu	0	26,682	73,410	63,344	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	\$12.892	\$13.336	\$13.559	\$13.512	\$13.217	\$10.607	\$10.402	\$10.468	\$10.556	\$10.607	\$10.628	\$10.699
Delivered Cost	\$0	\$355,838	\$995,332	\$855,905	\$0	\$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	\$11.240	\$11.608	\$11.842	\$11.793	\$11.484	\$9.468	\$9.251	\$9.321	\$9.413	\$9.468	\$9.489	\$9.565
Delivered Cost	\$337,197	\$359,862	\$367,087	\$330,196	\$355,998	\$284,029	\$286,776	\$279,638	\$291,816	\$293,496	\$284,679	\$296,520

