

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION

NEW ENGLAND GAS COMPANY  
DOCKET NO. 3436

DIRECT TESTIMONY

OF

GARY L. BELAND

September 2, 2003

***I. INTRODUCTION***

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

2 A. My name is Gary L. Beland, and my business address is 100 Weybosset Street,  
3 Providence, Rhode Island 02903.

4 **Q. WHAT ARE YOUR POSITION AND RESPONSIBILITIES?**

5 A. I am Director of Gas Supply for New England Gas Company (“NEG” or the  
6 “Company”). My responsibilities include all aspects of gas-supply management including  
7 purchasing, contracting, planning, system monitoring and control and federal regulatory  
8 monitoring and intervention.

9 **Q. WHAT IS YOUR BACKGROUND AND EXPERIENCE?**

10 A. I began my career in the gas industry in June of 1977 as an analyst in the Rates and  
11 Regulatory Affairs Department of Michigan Consolidated Gas (MichCon) after receiving  
12 my MBA from the State University of New York of Albany. At MichCon, I worked on  
13 a variety of projects and studies including pipeline rate filings, state rate cases, demand  
14 modeling, gas-supply cost simulations, conservation planning and strategic analyses.

15 In 1983, I was hired by Niagara Mohawk as a Corporate Planner. In that position, I was  
16 responsible for strategic analysis and a variety of projects in integrated resource

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1 planning, pipeline regulatory monitoring and intervention, both end-use based and  
2 econometric electric and gas demand forecasting, fuel-cost forecasting and modeling and  
3 gas market unbundling. In 1987, I joined the newly formed gas business unit as Manager  
4 of Gas Supply Planning. While I was at Niagara Mohawk, I was involved in the  
5 Forecasting and Planning Sub-committee of the New York Power Pool and the Planning  
6 Committee of the New York Gas Group, serving as chairman at the time I left to join the  
7 Providence Gas Company ("ProvGas") in 1994.

8 I joined ProvGas in 1994 as the Manager of Gas Supply. In 1997, I became Assistant  
9 Vice President. After the merger with Southern Union Company, I was named Director  
10 of Gas Supply for the Company. My responsibilities include all aspects of gas supply  
11 management including purchasing, contracting, planning, system monitoring and control  
12 and federal regulatory monitoring and intervention.

13 I have testified in several dockets before the Federal Energy Regulatory Commission. I  
14 have testified on market forecasts, both gas and electric and a gas-cost incentive  
15 mechanism before the New York Public Service Commission. I have also testified  
16 before this Commission on a number of gas-related issues.

1 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

2 A. My testimony provides support for the estimated gas costs, forecasting methodology,  
3 assignments of pipeline capacity to marketers and other issues relating to the Company's  
4 proposed GCR factors.

5 **Q. ARE THERE ANY ATTACHMENTS TO YOUR TESTIMONY?**

6 A. Yes. I am sponsoring the following Attachments:

7	GLB-1	Summary of Projected Gas Cost
8	GLB-2	Gas Cost Details
9	GLB-3	Assignment of Pipeline Capacity
10	GLB-4	FT-2 Operational Parameters
11	GLB-5	Default Transportation Service
12	GLB-6	Comparison of Locked Prices and NYMEX Strip
13	GLB-7	Locked Price Gas Supplies

## ***II. PROJECTED GAS COSTS***

14 **Q. WHAT GAS PRICES ARE USED IN THE GCR FILING?**

15 A. The GCR factors are based on the NYMEX strip as of the close of trading on August  
16 18, 2003 for any purchases of supply that are not already locked in under the gas  
17 purchasing plan. The GCR factors also reflect storage and inventory costs as of July  
18 31<sup>st</sup>, 2003 and the projected fill and pricing for the gas to be injected into storage. The  
19 hedge purchases included in the GCR calculations are shown in Attachment GLB-2 for  
20 each individual pipeline.

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1 **Q. OVERALL, WHAT ARE THE PRICES AND QUANTITIES OF GAS**  
2 **PURCHASED UNDER THE PLAN?**

3 A. Attachment GLB-6 shows a comparison of NYMEX strip and the average unit cost of  
4 gas purchased under the plan. Attachment GLB-7 shows the quantities purchased under  
5 the plan for each future month, average unit price and the percentage of projected  
6 purchases at locked in prices.

7 **Q. HOW DOES THE PURCHASE PLAN WORK?**

8 A. The central focus of the plan is to lock in future gas prices over an 18 month horizon to  
9 stabilize prices and protect customers from the affects of large price swings. The plan  
10 relies on a dollar cost-averaging approach to scale in future positions, but also provides  
11 for discretionary purchases to be made when pricing appears favorable. The purchasing  
12 plan was recently amended to increase the amount of dollar cost-averaging purchases  
13 from 40% to 50% and to add an incentive mechanism to reward or penalize the company  
14 for discretionary purchases based on its performance against a dollar cost-averaging  
15 benchmark.

16 **Q. HOW ARE GAS COSTS CALCULATED?**

17 A. Projected gas costs are calculated using the SENDOUT model to perform dispatch  
18 optimization on the entire Rhode Island portfolio of gas supply, pipeline transportation,  
19 underground storage and peaking supplies. The calculation begins with a forecast of

1 firm gas sales which, through the model, is broken down into daily estimated use. The  
2 model then projects gas costs by utilizing the lowest cost supply available to meet each  
3 day's requirements. Generally, the pricing of various pipeline services is based directly  
4 on the pipeline tariffs. When the Company purchases supply at locations other than  
5 Henry Hub, the pricing point for NYMEX contracts, it uses the historical differential to  
6 the Henry Hub price to determine the expected difference, or "basis." Applying the basis  
7 to the NYMEX pricing creates a reasonable estimate of the expected invoice cost of the  
8 supply.

9 **Q. HOW DID THE COMPANY CATEGORIZE THE PROJECTED GAS COST**  
10 **COMPONENTS?**

11 A. Gas costs are broken down into four components: (1) Supply Fixed Costs; (2) Storage  
12 Fixed Costs; (3) Supply Variable Costs; and (4) Storage Variable Costs. The Supply  
13 Fixed Costs include all fixed costs related to the purchase of firm gas, including pipeline  
14 and supplier fixed reservation costs and demand charges.

15 The Storage Fixed Cost includes all fixed costs related to the operation and maintenance  
16 of storage including fixed storage demand charges, fixed costs associated with delivery  
17 of storage gas to the Company's distribution system, and local production and storage  
18 costs.

1 The Supply Variable Cost component includes all variable costs of firm gas, including  
2 the commodity costs and expenses incurred to transport gas. Commodity costs included  
3 in the Supply Variable Cost component reflect the sum of purchases made under the Gas  
4 Purchasing Program and projections of gas costs based on the NYMEX prices of well-  
5 head futures contracts as of the close of regular trading on August 18, 2003. All  
6 purchases made as part of the Gas Purchasing Program were fixed price agreements and  
7 there were no call options, collars and/or other financial-related transactions.

8 The Storage Variable Cost component includes all variable costs related to the  
9 operation, maintenance and delivery of storage gas, including storage injection and  
10 withdrawal costs, delivery of storage gas to the Company's distribution system, and the  
11 cost of LNG and LPG supplies. A summary of gas costs included in the GCR and  
12 disaggregated into these cost components by month for the period November 2003  
13 through October 2004 is shown on Attachment GLB-1.

14 **Q. PLEASE DESCRIBE ATTACHMENT GLB-2 PAGES 1 THROUGH 10.**

15 A. Attachment GLB-2 Pages 1 through 10 shows the supporting detail for gas costs  
16 included in the filing for the period November 2003 through October 2004. The various  
17 schedules show the optimized, forecasted sendout by supply source and the pricing detail  
18 by supply source and cost component.

### ***III. MARKETER CAPACITY ASSIGNMENT***

1 **Q. HOW IS PIPELINE CAPACITY ASSIGNED TO MARKETERS?**

2 A. At the time a sales service customer switches to transportation service, the portion of the  
3 Company's contracted for interstate pipeline resources used to meet the customer's  
4 requirements are assigned to the marketer. Pursuant to Item 1.08.0 of the Company's  
5 Transportation Terms and Conditions, entitled "Capacity Release," a pro rata share of  
6 upstream pipeline capacity is assigned to marketers serving customers who convert to  
7 firm transportation service after October 1, 1997. The pro rata share equals the ratio of  
8 the customer's average normalized winter day usage to that for the system as a whole.  
9 This share is multiplied by the amount of pipeline capacity in the Company's portfolio to  
10 determine the amount of capacity to be assigned.

11 The Company's tariff utilizes a path-specific assignment approach that allows marketers  
12 to select the path or paths upon which they prefer to acquire capacity. In order to reflect  
13 the differing values of various paths, Item 1.08.0 provides:

14 The Company shall assess a surcharge/credit to marketers based on the  
15 difference between the charges of the upstream pipeline transportation  
16 capacity and the weighted average of the Company's upstream pipeline  
17 transportation capacity charges as calculated by the Company. To the  
18 extent that the charges of such released pipeline capacity are greater than  
19 the weighted average charges, the marketer shall receive credit for such  
20 difference in charges based on the total quantity of capacity released by the  
21 Company to the Marketer.

22 The weighted average charge and the surcharge/credit charges applicable to individual  
23 pipeline paths selected by the marketer are updated at Attachment GLB-3 of this filing.



1 **Q. WHAT AMOUNT OF PIPELINE CAPACITY WILL BE ASSIGNED TO**  
2 **MARKETERS?**

3 A. The amount of capacity assigned to marketers is a direct function of the amount of  
4 capacity in the Company's resource portfolio. The supply portfolio allows for a pipeline  
5 assignment equal to 107% of each customer's normal average winter day's usage of the  
6 updated pipeline assignment factor and will commence on November 1, 2003.

7 **Q. WHICH PATHS WILL BE AVAILABLE FOR ASSIGNMENT TO**  
8 **MARKETERS?**

9 A. Attachment GLB-3, page 1 shows the paths and corresponding quantities available for  
10 assignment to marketers. In total, the Company has made available 23,200 Dth per day  
11 of capacity on six different pipeline paths. The capacity provides marketers with the  
12 flexibility to select paths that best fit their individual resource portfolios and  
13 requirements. In the event an individual path is over-subscribed, the Company will  
14 assign capacity on a pro rata basis.

15 **Q. PLEASE EXPLAIN THE SURCHARGE/CREDIT CALCULATION FOR EACH**  
16 **ASSIGNED PIPELINE PATH?**

17 A. The first step in calculating the adjustment charge for each path is calculating the system-  
18 average cost. The derivation of the weighted-average pipeline path cost of \$1.034 per  
19 dekatherm is shown on Page 9 of 18 of Attachment GLB-3. This cost is equal to the

1 sum of the 100% load factor fixed cost unit value and the system average unit variable  
2 cost. The fixed costs can be thought of as reservation charges that reserve space on the  
3 pipeline and insure that there is a path available to transport gas to the Rhode Island  
4 area. The 100% load factor unit value is \$0.524 per dekatherm. The system average  
5 pipeline unit variable cost is \$0.51 per dekatherm. Thus, the sum of the \$0.524 100%  
6 load factor unit fixed cost and \$0.51 system average pipeline unit variable cost results in  
7 the \$1.034 per dekatherm weighted average pipeline cost.

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

9 A. The calculations to develop the delivered cost for each path are similar to those  
10 described for the system average. For illustration, the calculation for the first path  
11 (Tennessee Zone 1, shown on Attachment GLB-3, at page 6) would be comprised of a  
12 single contract originating in Zone 1 and terminating in Zone 6. Total fixed costs of  
13 \$1,277,184 and total variable costs of \$17,407,006 are shown near the bottom, right of  
14 this page. Commodity gas costs of \$15,962,873 priced at NYMEX (New York  
15 Mercantile Exchange published price for natural gas) are subtracted from the variable  
16 costs to arrive at non-gas variable costs, which includes any basis differential associated  
17 with the path. The cost of the path equals the sum of the fixed unit cost of \$0.500 per  
18 dekatherm at 100% load factor plus the non-gas variable unit cost of \$0.427 per  
19 dekatherm, or \$0.927 per dekatherm. The unit cost of \$0.927 per dekatherm represents  
20 the direct costs incurred by the marketer, which are paid to the transporter or other

1 provider. Since these costs are \$0.107 per dekatherm less than the system-average,  
2 marketers electing this path would be charged \$0.107 per dekatherm per day per month  
3 on their bill from the Company. A summary of the individual path costs and associated  
4 credits or surcharges, for which approval is sought, is shown on Page 1 of Attachment  
5 GLB-3.

#### ***IV. MISCELLANEOUS ISSUES***

6 **Q. IS THE COMPANY PROPOSING ANY CHANGES TO THE OPERATIONAL**  
7 **PARAMETERS ASSOCIATED WITH STORAGE AND PEAKING**  
8 **RESOURCES ASSIGNED TO MARKETERS?**

9 A. No. The underlying underground storage and peaking contracts that govern the use of  
10 the Company's storage and peaking resources have not changed. Accordingly, the  
11 operational parameters that govern marketers use of resources assigned to them under  
12 the FT-2 service are the same as were in effect last year. Attachment GLB-4 details  
13 those parameters.

14 **Q. ARE THERE ANY CHANGES TO THE DEFAULT TRANSPORTATION**  
15 **SERVICE?**

16 A. No. The Company will continue to provide default service for grandfathered  
17 transportation customers based on the pricing sheet shown in Attachment GLB-5.

1 **Q. ARE THERE ANY CHANGES TO THE COMPANY'S PIPELINE CAPACITY**  
2 **OR LONG-TERM SUPPLY CONTRACTS?**

3 A. Yes. The Company has added contracts at two locations. Both contracts will be  
4 effective November 1, 2003 for service on Algonquin's Hubline project. The first  
5 contract is for 500 Dth/day with a primary firm delivery point at Algonquin's gate in  
6 Westerly, Rhode Island. This contract takes advantage of the Hubline project to obtain  
7 the maximum physical delivery possible from the existing pipeline lateral to that gate.  
8 The contract will reduce the use of LNG in that part of the system. The second contract  
9 is for 4,000 Dth/day to the Warren gate. This contract will enable the Company to meet  
10 the growing demand in this area of the system, eliminate a small older propane-air facility  
11 located close to a residential area, enable the Company to terminate a more expensive  
12 contract in the future and provide lower commodity cost supply than existing contracts.  
13 The expansion of Algonquin pipeline on this part of its system is the first in many years  
14 and the rates for this expansion are lower than previous similar expansions.

15 The increase of 4,500 Dth/day represents an increase of about 1.3% in total system  
16 capacity. The Hubline capacity originates in Beverly, Massachusetts at the inter-connect  
17 with the joint facilities of Maritimes and Northeast Pipeline and Portland Natural Gas  
18 Transmission System and will provide additional supply diversity by allowing access to  
19 new Eastern Canadian supplies.

20 **Q. DOES THE COMPANY HAVE ANY OTHER NEW CONTRACTS THIS YEAR?**

1 A. Yes. The Company has entered into a new five-year contract with Distrigas of  
2 Massachusetts for LNG liquid. The maximum daily quantity is 2,700 (3 truck loads) per  
3 day and the annual contract quantity is 657,000 Dth. The contract will be used to fill  
4 LNG storage year round. The contract includes a fixed cost payment of \$1.5 million per  
5 year. However, the overall unit cost is the same as the cost of spot LNG currently  
6 purchased by the Company. In addition, under this contract the Company obtained the  
7 right to lock in NYMEX pricing for future deliveries, a feature that will enhance the  
8 Company's ability to hedge gas supplies under the gas purchase plan. In addition, this  
9 contract secures critical LNG supplies at a time when supply is becoming more  
10 constrained.

11 During this past winter, the first cold winter in many years and the coldest winter in 18  
12 years, the Company experienced a significant increase in demand during severe cold  
13 periods, which exceeded the demand that would be predicted by modeling based on a  
14 simple heat load/base load degree day model. This experience indicates that the  
15 relatively modest difference between average use per degree day and marginal use per  
16 degree that has been observed in the past has grown considerably, increasing the need for  
17 peaking supply. The changes that are occurring in newly built structures and in  
18 consumer behavior are causing demand to increase at peak times even as better heating  
19 system and insulation cause use to decline in the spring, fall and summer. In the near  
20 future, the Company plans to file a long-term plan showing projected demand and  
21 anticipated changes in demand and pipeline and storage capacity contracts.

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

2 A. Yes, it does.

GCR GAS COSTS  
NOVEMBER 2003 - OCTOBER 2004

SUMMARY OF GAS COSTS FOR 2004 GCR FILING

Variable Costs	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov - Oct Total
1 Total Pipeline Supply Costs	\$14,632,573	\$20,413,368	\$22,146,074	\$21,000,189	\$19,722,875	\$11,616,099	\$6,359,878	\$4,852,984	\$4,071,207	\$4,090,176	\$4,522,575	\$8,757,237	\$142,185,226
2 Total Storage Product Costs	\$734,701	\$3,802,089	\$5,777,854	\$5,528,736	\$2,116,447	\$73,870	\$0	\$0	\$0	\$0	\$0	\$0	\$18,033,696
3 Total Storage Delivery Costs	\$28,638	\$252,432	\$393,807	\$372,738	\$130,415	\$3,837	\$0	\$0	\$0	\$0	\$0	\$0	\$1,181,867
4 Total LNG and Propane Costs	\$144,917	\$181,071	\$2,496,211	\$654,844	\$179,013	\$138,869	\$141,693	\$135,468	\$138,596	\$137,356	\$131,886	\$135,285	\$4,615,190
5 Total All Variable Gas Costs	\$15,540,829	\$24,648,951	\$30,813,945	\$27,556,506	\$22,148,750	\$11,832,675	\$6,501,571	\$4,988,452	\$4,209,804	\$4,227,532	\$4,654,461	\$8,892,502	\$186,015,990
6 Fixed Costs	\$2,340,715	\$2,340,942	\$2,340,942	\$2,340,488	\$2,340,942	\$2,342,814	\$2,343,041	\$2,342,814	\$2,343,041	\$2,343,041	\$2,342,814	\$2,343,041	\$28,104,637
7 TOTAL PIPELINE DEMANDS	\$206,790	\$207,915	\$207,915	\$205,665	\$207,915	\$206,790	\$207,915	\$206,790	\$207,915	\$207,915	\$206,790	\$207,915	\$2,488,228
8 TOTAL SUPPLIER DEMANDS	\$388,149	\$388,149	\$388,149	\$388,149	\$388,149	\$385,759	\$385,759	\$385,759	\$385,759	\$385,759	\$385,759	\$385,759	\$4,641,060
9 TOTAL STORAGE FACILITIES	\$538,855	\$542,995	\$542,995	\$534,715	\$542,995	\$498,757	\$502,897	\$498,757	\$502,897	\$502,897	\$498,757	\$502,897	\$6,210,417
10 TOTAL STORAGE DELIVERY	\$3,474,509	\$3,480,001	\$3,480,001	\$3,469,017	\$3,480,001	\$3,434,121	\$3,438,613	\$3,434,121	\$3,439,613	\$3,439,613	\$3,434,121	\$3,439,613	\$41,444,341
11 Total All Fixed Costs	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$190,013	\$2,280,154
12 Total Marketer Release Credits	\$57,800	\$92,000	\$27,800	\$45,100	\$55,000	\$60,000	\$105,000	\$105,000	\$98,600	\$105,000	\$57,500	\$52,000	\$860,800
13 Capacity Release Revenue													
14 Net Fixed Costs	\$3,226,696	\$3,197,988	\$3,262,188	\$3,233,904	\$3,234,988	\$3,184,108	\$3,144,600	\$3,139,108	\$3,151,000	\$3,144,800	\$3,186,608	\$3,197,800	\$38,303,387
15 Total All Gas Costs	\$18,767,525	\$27,846,939	\$34,076,133	\$30,790,411	\$25,383,738	\$15,016,783	\$9,646,171	\$8,127,560	\$7,360,804	\$7,372,132	\$7,841,069	\$12,090,102	\$204,319,367

NEW ENGLAND GAS COMPANY - RI COMPANIES  
2004 GCR UPDATE  
NORMAL WEATHER SCENARIO  
New Energy Associates, LLC  
SENDOUT@ Version 9.0.2 REP013 25-Aug-2003  
Report 13 13:09:01  
Page 1

	Natural Gas Supply vs. Requirements												TOTAL
	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	
Forecast Demand	2,815,290	4,260,880	5,153,514	4,641,494	3,825,933	2,268,891	1,270,540	856,838	810,725	810,725	889,160	1,687,360	29,291,350
FIRM NORMAL													
Storage Injections													
TENN 8995	0	0	0	0	0	0	0	0	0	0	21,992	9,049	31,041
TENN 501	0	0	0	0	0	0	14,114	117,157	124,000	124,000	53,140	20,427	452,838
GSSSTE 600003	0	0	0	0	0	135,690	140,213	135,690	140,213	140,213	115,894	115,894	923,807
GSSSTE 600042	0	0	0	0	0	0	5,527	190	3,990	2,504	1,174	1,760	15,145
GSS 600018	0	0	0	0	0	0	32,519	31,470	32,519	28,109	26,821	0	151,438
GSS 300123	0	0	0	0	0	0	5,818	844	5,064	4,642	5,673	0	22,041
GSS 300140	0	0	0	0	0	0	22,673	30,000	27,000	8,135	12,306	13,865	113,979
GSS 300141	0	0	0	0	0	0	124,123	114,690	124,000	26,812	39,169	20,131	362,793
GSS 300142	0	0	0	0	0	4,458	12,400	12,000	12,400	12,400	19,632	0	73,290
GSS 300143	0	0	0	0	0	0	21,700	21,000	17,300	6,000	7,000	15,875	88,875
SS-1 400221	0	0	0	0	0	32,943	189,317	183,210	189,317	189,317	171,282	17,409	972,795
FSS-1 400515	0	0	0	0	0	1,589	9,021	8,730	9,021	9,021	4,574	0	41,956
TETCO 400185	0	0	0	0	0	0	15,500	14,500	3,794	0	4,373	0	41,286
NF ESS 1488	0	0	0	0	0	0	0	0	0	0	22,116	18,356	166,925
COL FS 36010	0	0	0	0	0	0	44,009	30,400	38,400	13,644	0	0	72,300
LNG EXETER	26,500	26,000	0	0	19,800	0	0	0	0	0	0	0	587,542
LNG PROV	27,500	29,800	53,242	55,800	36,000	54,000	55,800	55,800	55,800	55,800	54,000	55,800	125,758
LNG VALLEY	48,439	0	0	0	0	13,029	10,600	0	0	0	39,700	13,990	0
VGC PROPANE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inj	102,439	55,800	53,242	55,800	55,800	241,709	703,334	753,881	696,686	623,716	598,846	302,556	4,243,809
Total Req	2,917,729	4,316,680	5,206,756	4,697,294	3,881,733	2,510,600	1,973,874	1,610,719	1,507,411	1,434,441	1,488,006	1,989,916	33,535,159

Supply variable cost



	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	TOTAL
Sources of Supply													
TENN ZONE 0	81,270	83,979	83,979	78,561	83,979	82,410	85,157	82,410	85,157	85,157	82,410	85,157	999,626
TENN ZONE 1	124,140	128,278	128,278	120,002	128,278	125,910	130,107	125,910	130,107	130,107	125,910	130,107	1,527,134
TENN DRACUT	148,500	306,900	306,900	287,100	270,781	270,781	342,415	147,447	84,459	84,459	187,635	464,720	3,011,086
TETCO STX	232,372	270,781	270,781	253,311	200,551	450,000	22,558	0	0	0	0	49,252	1,582,782
TETCO ELA	281,001	352,715	358,454	335,329	345,117	226,994	234,561	236,631	243,580	243,580	236,886	253,333	3,348,181
TETCO WLA	150,033	151,704	169,840	146,225	164,362	96,455	21,991	54,150	79,955	77,955	68,150	153,942	940,377
TETCO ETX	261,972	280,333	280,333	262,247	252,300	223,920	22,796	0	0	0	0	0	2,018,053
TETCO - INF	0	0	9,699	9,073	0	100,585	0	34,138	48,417	53,507	7,060	99,378	809,520
HUPLINE	73,286	10,721	115,648	129,012	48,529	0	89,219	0	0	0	0	0	0
M3 DELIVERED	0	0	0	0	0	0	0	0	0	0	0	0	0
MAUMEE SUPPLY	608,533	920,235	920,235	816,177	920,235	89,886	86,448	10,696	17,236	17,236	56,380	31,226	4,494,523
BROADRUN COLUMBIA	62,089	228,470	228,470	213,730	228,470	0	0	0	0	0	0	0	86,729
COLUMBIA AGT	0	0	0	86,729	0	0	0	0	0	0	0	0	0
TRANSCO DOMINION	0	0	1,255	1,645	1,487	0	0	0	0	0	0	0	2,900
TRANSCO WHARTON	18,139	21,301	6,919	7,935	0	0	0	0	0	0	0	0	57,781
TETCO B&W	0	16,681	16,681	15,889	0	0	0	0	0	0	0	0	49,251
TETCO TO DOMINION B&W	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXGAS DOMINION	0	23,436	23,436	21,168	23,436	0	0	0	0	0	0	0	91,476
ANE	30,000	31,000	31,000	29,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000	366,000
NIAGARA	29,349	16,837	28,370	30,327	30,327	32,010	9,182	0	0	0	0	29,261	205,663
TENN ZN0 VGC	193,950	200,415	185,020	193,950	200,415	193,950	90,754	85,679	69,424	66,334	74,009	187,657	1,748,022
TENN ZN1 VGC	355,938	345,537	392,258	344,910	398,970	341,426	65,186	7,086	0	0	0	69,882	2,321,193
DISTRIFCS	4,561	138,826	143,938	153,700	76,113	27,923	0	0	0	0	0	81,055	626,116
WESTERLY LNG	0	0	2,304	0	0	0	0	0	0	0	0	0	2,304
NEWPORT LNG	0	0	254	0	0	0	0	0	0	0	0	0	254
Total Take	2,655,133	3,528,149	3,723,404	3,525,133	3,404,350	2,234,415	1,249,150	836,138	789,335	789,335	868,460	1,665,970	25,268,972
Storage Withdrawals													
TENN 8995	6,960	5,568	5,800	5,336	6,728	0	0	0	0	0	0	0	30,392
TENN 501	124,607	66,739	61,810	93,924	96,294	0	0	0	0	0	0	0	443,374
GSSTE 600003	0	254,357	267,654	250,386	122,403	0	0	0	0	0	0	0	894,800
GSSTE 600042	0	2,056	5,191	5,191	1,253	978	0	0	0	0	0	0	14,669
GSS 600018	0	13,560	66,339	49,312	12,959	0	0	0	0	0	0	0	142,170
GSS 300123	0	4,660	7,100	6,757	2,563	0	0	0	0	0	0	0	21,080
GSS 300140	0	15,951	39,285	38,135	14,465	0	0	0	0	0	0	0	107,836
GSS 300141	0	37,638	146,560	139,309	19,731	0	0	0	0	0	0	0	343,238
GSS 300142	0	15,260	23,025	22,127	8,393	0	0	0	0	0	0	0	68,805
GSS 300143	0	18,780	28,660	27,231	10,329	0	0	0	0	0	0	0	85,000
SS-1 400221	0	230,273	314,018	297,009	77,602	0	0	0	0	0	0	0	918,902
FSS-1 400515	0	7,194	14,726	14,160	3,568	0	0	0	0	0	0	0	39,648
TETCO 400185	0	6,634	13,517	12,998	3,250	2,600	0	0	0	0	0	0	39,976
NF ESS 1488	7,890	8,153	8,153	7,627	8,153	0	0	0	0	0	0	0	160,962
COL FS 38010	0	19,818	68,223	55,381	7,362	10,198	0	0	0	0	0	0	128,430
LNG EXETER	3,000	3,100	71,900	22,000	7,030	15,000	3,100	3,000	3,100	3,100	3,000	3,100	460,778
LNG PROV	15,000	20,200	240,000	63,078	15,500	2,700	15,500	2,700	2,790	2,790	2,700	2,790	72,099
LNG VALLEY	2,700	2,790	36,949	6,400	4,000	2,700	2,790	2,700	2,790	2,790	2,700	2,790	11,200
VGC PROPANE	0	0	11,200	0	0	0	0	0	0	0	0	0	11,200
Total With	160,157	732,731	1,430,110	1,116,361	421,583	34,476	21,390	20,700	21,390	21,390	20,700	21,390	4,022,378
Total Supply Excluding Injection	2,815,290	4,260,880	5,153,514	4,641,494	3,825,933	2,268,891	1,270,540	856,838	810,725	810,725	889,160	1,687,360	29,291,350

Supply variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5.173	\$5.418	\$5.552	\$5.487	\$5.382	\$4.942	\$4.852	\$4.857	\$4.862	\$4.869	\$4.844	\$4.864
<b>TENNESSEE ZN 0</b>	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)
Basis	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669
usage	8.71%	8.71%	8.71%	8.71%	8.71%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%
fuel	5.9493	5.9493	6.0961	6.0249	5.9099	5.3523	5.2550	5.2604	5.2658	5.2734	5.2464	5.2680
Total Delivered												
<b>TENNESSEE ZN 1</b>	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)
Basis	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564
usage to Zn 6	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090
usage to Zn 4	7.82%	7.82%	7.82%	7.82%	7.82%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
fuel to Zn 6	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%
fuel to Zn 4	5.6742	5.9400	6.0854	6.0148	5.9009	5.3568	5.2603	5.2657	5.2711	5.2786	5.2518	5.2732
Total Delivered	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102
Injection Charge	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%
Injection Fuel	5.7145	5.9791	6.1237	6.0536	5.9402	5.4651	5.3679	5.3733	5.3787	5.3378	5.3111	5.3325
Total Injection Cost												
<b>TENNESSEE DRACU</b>	1.1700	1.1700	1.1700	1.1700	1.1700	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
Basis	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703
usage	0.89%	0.89%	0.89%	0.89%	0.89%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%
fuel	6.4709	6.7181	6.8533	6.7877	6.6818	5.3578	5.2671	5.2721	5.2772	5.2842	5.2590	5.2792
Total Delivered												
<b>TETCO STX</b>	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)
Basis	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838
Usage to M3	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676
Usage to M2	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	9.04%	10.86%	10.86%	10.86%	10.86%	9.04%	9.04%	9.04%	9.04%	9.04%	9.04%	9.04%
Fuel to M3	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel to M2	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6386	6.0701	6.2224	6.1485	6.0292	5.3830	5.2835	5.2890	5.2945	5.3023	5.2746	5.2967
Total Delivered	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207
Injection cost Dom	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%
Injection Fuel Dom	5.8128	6.2210	6.3770	6.3013	6.1791	5.5495	5.4469	5.4526	5.4583	5.4663	5.4378	5.4606
Total Injection cost	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741
Usage to M2/M3	8.46%	10.09%	10.09%	10.09%	10.09%	8.46%	8.46%	8.46%	8.46%	8.46%	8.46%	8.46%
Fuel to M2/M3	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365
Injection cost Tetco	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%
Injection Fuel Tetco	5.6312	6.0726	6.2244	6.1508	6.0318	5.4217	5.3218	5.3273	5.3329	5.3406	5.3129	5.3351
Total Injection cost												
<b>TETCO WLA</b>	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)
Basis	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785
Usage to M3	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	8.37%	9.96%	9.96%	9.96%	9.96%	8.37%	8.37%	8.37%	8.37%	8.37%	8.37%	8.37%
Fuel to M3	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6749	6.0883	6.2391	6.1659	6.0478	5.4212	5.3223	5.3278	5.3333	5.3410	5.3136	5.3355
Total Delivered												
<b>TETCO ELA</b>	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Basis	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762
Usage to M3	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel to M3	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6756	6.0809	6.2310	6.1582	6.0406	5.4227	5.3242	5.3297	5.3352	5.3428	5.3155	5.3373
Total Delivered												

Supply variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864
<b>TETCO ETX</b>	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)
Basis	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762
Usage on M3	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel to M3	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6160	6.0200	6.1700	6.0972	5.9796	5.3631	5.2646	5.2701	5.2756	5.2832	5.2559	5.2777
Total Delivered												
<b>TETCO TO NF</b>	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Basis	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062
Usage on M2	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090
Usage on NF	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202	0.0202
Usage on Transco	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408
Usage on AGT	7.41%	8.28%	8.28%	8.28%	8.28%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%
Fuel to M2	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Fuel on NF	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%
Fuel on Transco	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	6.3471	6.7301	6.8826	6.8066	6.8891	6.0884	5.9876	5.9952	5.9988	6.0067	5.9787	6.0011
Total Delivered	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139
Injection cost	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Injection Fuel	5.6453	5.9731	6.1225	6.0500	5.9330	5.3903	5.2909	5.2965	5.3020	5.3097	5.2821	5.3042
Total Injection cost												
<b>M3 DELIVERED</b>	1.038	1.038	1.038	1.038	1.038	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Basis	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	6.26	6.55	6.68	6.62	6.51	5.38	5.29	5.29	5.30	5.30	5.28	5.30
Total Delivered												
<b>MAUMEE SUPPLY</b>	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254
Basis	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151
Usage on Columbia	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
Fuel on Columbia	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6276	5.9149	6.0538	5.9664	5.8775	5.3895	5.2967	5.3018	5.3070	5.3142	5.2884	5.3091
Total Delivered	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153
Injection cost	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%
Injection Fuel	5.6030	5.8545	5.9921	5.9254	5.8176	5.3658	5.2734	5.2786	5.2837	5.2909	5.2652	5.2858
Total Injection cost												
<b>BROADRUN COLUMBIA</b>	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254
Basis	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151
Usage on Columbia	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
Fuel on Columbia	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6276	5.9149	6.0538	5.9664	5.8775	5.3895	5.2967	5.3018	5.3070	5.3142	5.2884	5.3091
Total Delivered												
<b>COLUMBIA TO AGT</b>	1.038	1.038	1.038	1.038	1.038	0.386	0.386	0.386	0.386	0.386	0.386	0.386
Basis	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151
Usage on Columbia	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
Fuel on Columbia	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	6.4355	6.7276	6.8665	6.7991	6.6902	5.4328	5.4379	5.4379	5.4431	5.4503	5.4245	5.4452
Total Delivered												

Supply variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864
<b>TRANSCO AT WHARTON</b>												
Basis	0.544	0.544	0.544	0.544	0.544	0.220	0.220	0.220	0.220	0.220	0.220	0.220
usage on NF	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090
usage on Transco	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073
usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel on NF	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Fuel on Transco	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%
Fuel on AGT	1.14%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.9473	6.2374	6.3768	6.3092	6.2000	5.3726	5.2795	5.2847	5.2899	5.2971	5.2713	5.2919
<b>DOMINION TO B &amp; W</b>												
Basis	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Usage on Dominion	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198
Usage to M2	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600	0.0600
Usage on Tetco	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to M2	8.08%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
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	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.9653	6.3557	6.5124	6.4364	6.3136	5.6598	5.5963	5.6021	5.6078	5.6159	5.5871	5.6101
<b>TRANSCO TO DOMINION</b>												
Basis	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)
Usage on Dominion	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198
Usage to M6	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412
Usage on Tetco	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to M6	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%
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	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.7424	6.0121	6.1595	6.0880	5.9724	5.4882	5.3691	5.3946	5.4001	5.4078	5.3803	5.4023
<b>TEXAS GAS TO DOMINION</b>												
Basis	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)
Usage on Texas Gas	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538
Usage on Dominion	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198
Usage on Tetco	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to Dominion	3.29%	3.29%	3.29%	3.29%	3.29%	3.74%	3.74%	3.74%	3.74%	3.74%	3.74%	3.74%
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	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.7065	5.9734	6.1194	6.0466	5.9342	5.4818	5.3833	5.3887	5.3942	5.4019	5.3745	5.3964
<b>ANE TO TENNESSEE</b>												
Basis	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Demand	1.033	1.033	1.033	1.033	1.033	1.033	1.033	1.033	1.033	1.033	1.033	1.033
Commodity	4.381	4.626	4.760	4.695	4.590	4.150	4.060	4.065	4.070	4.077	4.052	4.072
Iroquois usage	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057
NETNE usage	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
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 on NETNE	2.17%	2.17%	2.17%	2.17%	2.17%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
Total Delivered	4.5336	4.7866	4.9250	4.8579	4.7495	4.2840	4.1913	4.1964	4.2016	4.2088	4.1830	4.2036

Supply variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864
<b>NIAGARA TO TENNESSEE</b>												
Basis	0.544	0.544	0.544	0.544	0.544	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Usage	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826
Tennessee Usage	2.09%	2.09%	2.09%	2.09%	2.09%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%
Tennessee Fuel	5.9238	6.1741	6.3109	6.2446	6.1373	5.3437	5.2520	5.2571	5.2622	5.2693	5.2438	5.2642
<b>Tetco to B&amp;W</b>												
Basis	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
usage	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406
Usage to Zn2	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
usage on AGT	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408
fuel to Zn 3	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel on AGT	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
fuel to Zn2	7.41%	8.28%	8.28%	8.28%	8.28%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%
Total Delivered	6.2810	6.6578	6.9069	6.7346	6.6177	6.0281	5.9296	5.9350	5.9405	5.9482	5.9208	5.9427
Injection cost Dom	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207
Injection fuel Dom	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%
total Inj cost Dom	6.0625	6.3989	6.5504	6.4769	6.3583	5.8040	5.7033	5.7089	5.7145	5.7224	5.6944	5.7168
Injection cost Tetco	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365
Injection Fuel Tetco	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%
Total Inj. Cost Tetco	5.9238	6.2501	6.3976	6.3261	6.2105	5.6719	5.5738	5.5793	5.5847	5.5924	5.5651	5.5869
<b>DISTRIGAS FCS</b>												
Total Delivered	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15
<b>Hubline</b>												
Basis	1.1700	1.1700	1.1700	1.1700	1.1700	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
usage	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703
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	6.4709	6.7181	6.8533	6.7877	6.6818	5.3578	5.2671	5.2721	5.2772	5.2842	5.2590	5.2792

Total delivered to the City Gas Gas Supply Costs

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>Tennessee Zn 0</b>												
Delivered Mmbtu	81,270	83,979	83,979	78,561	83,979	82,410	85,157	82,410	85,157	85,157	82,410	85,157
Locked Volumes	0	0	0	0	0	0	0	0	0	0	0	0
NYMEX Volumes	5,342	5,526	5,665	5,651	5,464	4,972	4,885	4,963	5,097	5,124	5,214	5,294
Locked \$/Mmbtu	5,681	6,096	6,025	6,015	5,910	5,352	5,260	5,266	5,279	5,252	5,273	5,273
NYMEX \$/Mmbtu Del	434,160	464,065	475,717	443,920	458,892	409,703	405,143	89,596	248,663	177,888	646,546	548,772
Delivered Cost Locked	0	0	0	0	0	0	0	0	0	0	0	0
Delivered Cost Nymex	434,160	464,065	475,717	443,920	458,892	409,703	405,143	89,596	248,663	177,888	646,546	548,772
Total Delivered Cost	434,160	464,065	475,717	443,920	458,892	409,703	405,143	89,596	248,663	177,888	646,546	548,772
Average Delivered Unit Cost	5.3422	5.5260	5.6647	5.6506	5.4644	4.9715	4.8847	5.1953	5.1689	5.2372	5.2509	5.2774
<b>TENN ZONE 1</b>												
Delivered Mmbtu	124,140	128,278	128,278	120,002	128,278	125,910	130,107	125,910	130,107	130,107	125,910	130,107
Locked Volumes	0	0	0	0	0	0	0	0	0	0	0	0
NYMEX Volumes	5,342	5,526	5,665	5,651	5,464	4,972	4,885	4,963	5,097	5,124	5,214	5,294
Locked \$/Mmbtu	5,674	5,940	5,901	6,015	5,910	5,352	5,260	5,266	5,279	5,252	5,273	5,273
NYMEX \$/Mmbtu Del	663,180	708,860	726,658	678,088	700,957	625,964	635,533	624,885	398,131	177,888	646,546	548,772
Delivered Cost Locked	0	0	0	0	0	0	0	0	0	0	0	0
Delivered Cost Nymex	663,180	708,860	726,658	678,088	700,957	625,964	635,533	624,885	398,131	177,888	646,546	548,772
Total Delivered Cost	663,180	708,860	726,658	678,088	700,957	625,964	635,533	624,885	398,131	177,888	646,546	548,772
Average Delivered Unit Cost	5.3422	5.5260	5.6647	5.6506	5.4644	4.9715	4.8847	5.1953	5.1689	5.2372	5.2509	5.2774
<b>TENN DRACUT</b>												
Delivered Mmbtu	148,500	306,900	306,900	287,100	200,551	450,000	342,415	147,447	84,459	84,459	187,635	464,720
Locked Volumes	0	0	0	0	0	0	0	0	0	0	0	0
NYMEX Volumes	148,500	306,900	306,900	287,100	200,551	450,000	342,415	147,447	84,459	84,459	187,635	464,720
Locked \$/Mmbtu Del	6,4709	6,7181	6,8533	6,7877	6,6818	5,3578	5,2671	5,2721	5,2772	5,2842	5,2590	5,2792
Delivered Cost Locked	0	0	0	0	0	0	0	0	0	0	0	0
Delivered Cost Nymex	960,927	2,061,782	2,103,276	1,948,752	1,340,035	2,411,029	1,803,524	777,357	445,703	446,300	986,773	2,453,337
Total Delivered Cost	960,927	2,061,782	2,103,276	1,948,752	1,340,035	2,411,029	1,803,524	777,357	445,703	446,300	986,773	2,453,337
Average Delivered Unit Cost	6.4709	6.7181	6.8533	6.7877	6.6818	5.3578	5.2671	5.2721	5.2772	5.2842	5.2590	5.2792
<b>TETCO STX</b>												
Delivered Mmbtu	232,372	270,781	270,781	253,311	270,781	212,946	22,558	0	0	0	0	49,252
Locked Volumes	164,437	69,802	82,900	25,851	27,633	125,525	22,558	0	0	0	0	0
NYMEX Volumes	67,935	200,979	187,881	227,460	243,148	87,421	4,958	4,958	5,119	5,1322	5,2084	5,2987
Locked \$/Mmbtu	5,2916	5,5731	5,7111	5,6895	5,501	4,9990	5,2835	5,2890	5,2945	5,3023	5,2746	5,2967
NYMEX \$/Mmbtu Del	5,6386	6,0701	6,2224	6,1485	6,0282	5,3830	5,119	5,2835	5,2945	5,3023	5,2746	5,2967
Delivered Cost Locked	870,139	389,017	473,451	147,079	152,010	627,500	110,890	0	0	0	0	0
Delivered Cost Nymex	383,057	1,219,968	1,169,071	1,398,546	1,465,992	470,589	110,890	0	0	0	0	0
Total Delivered Cost	1,253,196	1,608,985	1,642,522	1,545,625	1,618,002	1,098,089	110,890	0	0	0	0	0
Average Delivered Unit Cost	5.3931	5.9420	6.0659	6.1017	5.9753	5.1567	4.9158	0.0000	0.0000	0.0000	0.0000	5.2967
<b>TETCO ELA</b>												
Delivered Mmbtu	281,001	352,715	358,454	335,329	345,117	226,994	234,561	236,631	243,580	243,580	236,886	253,333
Locked Volumes	206,820	210,250	210,250	196,685	210,250	206,820	213,714	206,820	213,714	213,714	206,820	213,714
NYMEX Volumes	74,181	142,465	148,204	138,644	134,867	20,174	20,847	140,904	29,866	5,1322	30,066	39,619
Locked \$/Mmbtu	5,2916	5,5731	5,7111	5,6895	5,501	4,9990	4,9158	4,958	5,119	5,1322	5,2084	5,2987
NYMEX \$/Mmbtu Del	5,6756	6,0809	6,2310	6,1582	6,0406	5,4227	5,3242	5,3297	5,3352	5,3428	5,3155	5,3373
Delivered Cost Locked	1,094,414	1,171,754	1,200,761	1,119,035	1,156,593	1,033,894	1,050,566	1,033,225	1,092,481	1,096,830	1,077,194	1,132,404
Delivered Cost Nymex	421,022	866,320	923,460	853,799	814,680	109,398	1,110,994	750,974	159,340	1,096,830	159,814	211,460
Total Delivered Cost	1,515,436	2,038,074	2,124,221	1,972,835	1,971,273	1,143,292	1,161,560	1,784,199	1,251,821	1,256,398	1,237,009	1,343,864
Average Delivered Unit Cost	5.3930	5.7782	5.9261	5.6833	5.7119	5.0367	4.9521	7.5400	5.1393	5.1581	5.2220	5.3047

Supply variable cost

Total delivered to the City Gas Gas Supply Costs

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>TETCO WLA</b>												
Delivered Mmbtu	150,033	151,704	169,840	146,225	164,362	96,455	39,767	21,991	0	0	0	0
Locked Volumes	101,709	151,704	131,914	146,225	121,000	96,212	39,767	21,991	0	0	0	0
NYMEX Volumes	48,324	0	37,926	0	43,362	243	0	0	0	0	0	0
Locked \$/Mmbtu	5,2916	5,5731	5,7111	5,6895	5,5010	4,9990	4,9158	4,9958	5,1119	5,1322	5,2084	5,2987
NYMEX \$/Mmbtu Del	5,6749	6,0883	6,2391	6,1659	5,7111	5,4212	5,3278	5,3333	5,3333	5,3410	5,3136	5,3355
Delivered Cost Locked	538,206	845,469	753,375	831,944	665,625	480,964	195,485	109,862	0	0	0	0
Delivered Cost Nymex	274,232	845,469	236,622	831,944	927,872	1,317	195,485	109,862	0	0	0	0
Total Delivered Cost	812,438	\$5.57	\$5.83	\$5.69	5,6453	4,9158	4,9158	0.0000	0.0000	0.0000	0.0000	0.0000
Average Delivered Unit Cost												
<b>TETCO ETX</b>												
Delivered Mmbtu	261,972	280,333	280,333	262,247	252,300	223,920	22,796	54,150	79,955	77,955	68,150	153,942
Locked Volumes	261,972	280,333	280,333	262,247	252,300	207,374	0	19,303	19,947	19,947	16,546	22,796
NYMEX Volumes	0	0	0	0	0	0	0	34,847	60,008	58,008	51,604	131,146
Locked \$/Mmbtu	5,2916	5,5731	5,7111	5,6895	5,5010	4,9990	4,9158	4,9958	5,1119	5,1322	5,2084	5,2987
NYMEX \$/Mmbtu Del	5,6160	6,0200	6,1700	6,0972	5,9796	5,3631	5,2646	5,2701	5,2756	5,2832	5,2559	5,2777
Delivered Cost Locked	1,386,258	1,562,337	1,601,013	1,492,050	1,387,912	82,714	112,060	96,433	101,967	102,373	86,178	120,789
Delivered Cost Nymex	0	0	0	0	0	1,112,174	0	183,647	316,576	306,469	271,223	692,155
Total Delivered Cost	1,386,258	1,562,337	1,601,013	1,492,050	1,387,912	1,194,888	112,060	280,080	418,542	408,842	357,401	812,944
Average Delivered Unit Cost	5,2916	5,5731	5,7111	5,6895	5,5010	5,3362	4,9158	5,1723	5,2347	5,2446	5,2443	5,2808
<b>TETCO - NF</b>												
Delivered Mmbtu	0	0	9,699	9,073	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6,3471	6,7301	6,8826	6,8086	6,6891	6,0884	5,9876	5,9932	5,9988	6,0067	5,9787	6,0011
Delivered Cost	0	0	66,754	61,775	0	0	0	0	0	0	0	0
<b>M3 DELIVERED</b>												
Delivered Mmbtu	0	0	0	6,618	6,511	5,376	5,286	5,291	5,296	5,296	5,303	5,277
Delivered \$/Mmbtu	6,264	6,548	6,683	6,618	6,511	5,376	5,286	5,291	5,296	5,296	5,303	5,277
Delivered Cost	0	0	0	0	0	0	0	0	0	0	0	0
<b>MAUMEE_SUPP</b>												
Delivered Mmbtu	608,533	920,235	920,235	816,177	920,235	89,886	86,448	10,696	17,236	17,236	56,380	31,226
Locked Volumes	145,515	298,964	298,964	279,676	149,482	0	0	0	0	0	0	0
NYMEX Volumes	463,018	621,271	621,271	536,501	770,753	89,886	86,448	10,696	17,236	17,236	56,380	31,226
Locked \$/Mmbtu	\$5,300	\$5,506	\$5,633	\$5,622	\$5,446	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000	\$0,000
NYMEX \$/Mmbtu Del	5,6276	5,9149	6,0538	5,9864	5,8775	5,3695	5,2967	5,3018	5,3070	5,3142	5,2884	5,3091
Delivered Cost FOM and Locked	771,224	1,646,080	1,684,064	1,572,475	814,014	0	0	0	0	0	0	0
Delivered Cost Nymex	2,805,670	3,674,741	3,761,061	3,211,720	4,530,138	484,438	457,889	56,709	91,472	91,596	298,163	165,781
Total Delivered Cost	3,376,894	5,320,821	5,445,126	4,784,195	5,344,152	484,438	457,889	56,709	91,472	91,596	298,163	165,781
<b>BROADRUN_COL</b>												
Delivered Mmbtu	62,089	228,470	228,470	213,730	228,470	5,3895	5,2967	5,3018	5,3070	5,3142	5,2884	5,3091
Daily pricing wacog	5,6276	5,9149	6,0538	5,9864	5,8775	5,3695	5,2967	5,3018	5,3070	5,3142	5,2884	5,3091
Delivered Cost	349,411	1,351,372	1,383,116	1,279,478	1,342,843	0	0	0	0	0	0	0
<b>COLUMBIA_AGT</b>												
Delivered Mmbtu	6,4355	6,7276	6,8665	6,729	6,6902	5,5256	5,4328	5,4379	5,4431	5,4503	5,4245	5,4452
Delivered \$/Mmbtu	0	0	0	0	0	0	0	0	0	0	0	0
Delivered Cost	0	0	0	0	0	0	0	0	0	0	0	0
<b>TRANS WHARTON</b>												
Delivered Mmbtu	0	0	1,255	1,645	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	5,9473	6,2374	6,3768	6,3092	6,2000	5,3726	5,2795	5,2847	5,2899	5,2971	5,2713	5,2919
Delivered Cost	0	0	8,003	10,379	0	0	0	0	0	0	0	0

Supply variable cost

**Total delivered to the City Gas Supply Costs**

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>TRANSCO TO DOMINION</b>												
Delivered Mmbtu	0	16,661	16,661	15,889	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	5,7424	6,0121	6,1595	6,0880	5,9724	5,4882	5,3891	5,3946	5,4001	5,4078	5,3803	5,4023
Delivered Cost	0	100,287	102,747	96,732	0	0	0	0	0	0	0	0
<b>TEXAS GAS TO DOMINION</b>												
Delivered Mmbtu	0	23,436	23,436	21,168	23,436	0	0	0	0	0	0	0
Delivered \$/Mmbtu	5,7065	5,9734	6,1194	6,0486	5,9342	5,4818	5,3833	5,3887	5,3942	5,4019	5,3745	5,3964
Delivered Cost	0	139,993	143,414	128,037	139,074	0	0	0	0	0	0	0
<b>ANE TO TENNESSEE</b>												
Delivered Mmbtu	30,000	31,000	31,000	29,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000
Delivered \$/Mmbtu	4,5336	4,7866	4,9250	4,8579	4,7495	4,2840	4,1913	4,1964	4,2016	4,2088	4,1830	4,2036
Delivered Cost	136,008	148,386	152,676	140,879	147,233	128,520	129,930	125,893	130,249	130,473	125,491	130,313
<b>NIAGARA TO TENNESSEE</b>												
Delivered Mmbtu Niagara	29,349	16,837	30,327	28,370	30,327	32,010	9,182	0	0	0	0	29,261
Delivered \$/Mmbtu Niagara	5,9238	6,1741	6,3109	6,2446	6,1373	5,3437	5,2520	5,2571	5,2622	5,2693	5,2438	5,2642
Total Delivered cost	173,859	103,953	191,392	177,158	186,126	171,052	48,224	0	0	0	0	154,037
<b>TETCO TO B&amp;W</b>												
Delivered Mmbtu	18,139	21,301	8,919	7,935	1,487	0	0	0	0	0	0	0
Locked Volumes	0	0	0	0	0	0	0	0	0	0	0	0
NYMEX Volumes	18,139	21,301	8,919	7,935	1,487	0	0	0	0	0	0	0
Delivered locked \$/Mmbtu	4,3700	4,5210	4,7460	4,8280	5,203	5,2250	5,3710	5,3810	5,1660	4,8270	4,8050	5,294
NYMEX \$/Mmbtu Del	6,2810	6,6578	6,8069	6,7346	6,6177	6,0281	5,9296	5,9350	5,9405	5,9482	5,9208	5,9427
Delivered Cost Locked	0	0	0	0	0	0	0	0	0	0	0	0
Delivered Cost Nymex	113,931	141,817	60,711	53,439	9,841	0	0	0	0	0	0	0
Total Delivered Cost	6,2810	6,6578	6,8069	6,7346	6,6177	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
<b>TENNESSEE ZONE 0 VG</b>												
Delivered Mmbtu	193,950	200,415	200,415	185,020	200,415	193,950	90,754	85,679	69,424	66,334	74,009	187,657
Locked Volumes	164,063	169,532	169,532	88,332	55,426	67,403	0	0	0	0	0	0
NYMEX Volumes	29,887	30,883	30,883	96,688	144,989	126,547	90,754	85,679	69,424	66,334	74,009	187,657
Locked Delivered \$/Mmbtu	5,342	5,526	5,665	5,651	5,464	4,972	4,885	4,963	5,097	5,124	5,214	5,294
NYMEX \$/Mmbtu Del	5,6809	5,9493	6,0961	6,0249	5,9099	5,3523	5,2550	5,2604	5,2668	5,2734	5,2464	5,2680
Delivered Cost Locked	876,456	936,828	960,349	499,132	302,868	335,095	0	0	0	0	0	0
Delivered Cost Nymex	169,786	183,732	188,266	582,535	856,866	677,312	476,917	450,710	365,576	349,806	388,281	988,579
Total Delivered Cost	1,046,242	1,120,561	1,148,615	1,081,667	1,199,734	1,012,408	476,917	450,710	365,576	349,806	388,281	988,579
	5,3944	5,5912	5,7312	5,8462	5,7867	5,2199	5,2550	5,2604	5,2668	5,2734	5,2464	5,2680
<b>TENNESSEE ZONE 1 VG</b>												
Delivered Mmbtu	355,938	345,537	392,258	344,910	398,970	341,426	65,186	7,086	0	0	0	69,882
Locked Volumes	321,532	345,537	335,107	187,170	146,648	187,170	65,186	7,086	0	0	0	0
NYMEX Volumes	34,406	0	57,151	184,331	211,800	192,778	0	0	0	0	0	69,882
Delivered \$/Mmbtu Locked	5,342	5,526	5,665	5,651	5,464	4,972	4,885	4,963	5,097	5,124	5,214	5,294
NYMEX \$/Mmbtu Del	5,674	5,940	6,085	6,015	5,901	5,357	5,260	5,266	5,271	5,279	5,252	5,273
Delivered Cost Locked	1,717,686	1,909,427	1,898,284	907,374	1,022,765	739,006	318,414	35,167	0	0	0	0
Delivered Cost Nymex	195,227	0	347,784	1,108,722	1,249,818	1,032,669	0	0	0	0	0	368,502
Total Delivered Cost	1,912,912	1,909,427	2,246,068	2,016,096	2,272,583	1,771,676	318,414	35,167	0	0	0	368,502
	5,3743	5,5260	5,7260	5,8453	5,6961	5,1890	4,8847	4,9629	0,0000	0,0000	0,0000	5,2732
<b>DISTRIGAS FCS</b>												
Delivered Mmbtu	4,561	138,826	143,938	153,700	76,113	27,923	0	0	0	0	0	81,055
Delivered \$/Mmbtu	5,15	5,15	5,15	5,15	5,15	5,15	5,15	5,15	5,15	5,15	5,15	5,15
Delivered Cost	23,495	715,145	741,479	791,767	392,087	143,842	0	0	0	0	0	417,545

Supply variable cost



	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
<b>HUBLINE</b>													
Delivered Mmbtu	73,286	10,721	115,648	129,012	48,529	100,585	89,219	34,138	48,417	53,507	7,080	99,378	25,266,414
Delivered \$/Mmbtu	6,471	6,718	6,853	6,788	6,682	5,358	5,267	5,272	5,277	5,284	5,259	5,279	\$5,627
Delivered Cost	474,226	72,025	792,570	875,696	324,260	538,919	469,923	179,979	255,504	282,743	37,234	524,634	\$142,185,226
<b>Total Pipeline Volumes</b>													
Delivered all pipeline \$/Dth	2,855,133	3,528,149	3,720,846	3,525,133	3,404,350	2,234,415	1,249,150	836,138	789,335	789,335	868,460	1,665,970	25,266,414
Total Pipeline Costs	\$5,511	\$5,786	\$9,952	\$5,957	\$5,793	\$5,199	\$5,091	\$5,804	\$5,158	\$5,182	\$5,208	\$5,257	\$5,627
	\$14,632,573	\$20,413,358	\$22,146,074	\$21,000,189	\$19,722,875	\$11,616,099	\$6,359,878	\$4,852,984	\$4,071,207	\$4,090,176	\$4,522,575	\$8,757,237	\$142,185,226
<b>Total Delivered Locked volumes</b>													
Delivered Locked \$/Dth	1,571,458	1,738,379	1,721,257	1,358,158	1,215,518	869,474	515,653	399,163	360,568	311,430	265,050	322,819	10,648,927
Locked Delivered Cost	\$5,315	\$5,542	\$5,678	\$5,663	\$5,480	\$4,986	\$4,903	\$4,983	\$5,107	\$5,130	\$5,209	\$5,298	\$5,399
	\$8,351,722	\$9,633,837	\$9,773,672	\$7,691,097	\$6,661,636	\$4,334,839	\$2,528,090	\$1,989,169	\$1,841,242	\$1,597,662	\$1,380,695	\$1,710,143	\$57,493,804
<b>Volumes not locked</b>													
Delivered unlocked \$/Dth	1,083,675	1,789,770	1,999,589	2,166,975	2,188,832	1,364,941	733,497	436,975	428,767	477,905	603,410	1,343,151	14,617,487
Cost of unlocked volumes	\$5,796	\$6,023	\$6,187	\$6,142	\$5,967	\$5,334	\$5,224	\$6,554	\$5,201	\$5,216	\$5,207	\$5,247	\$5,794
	\$6,280,851	\$10,779,521	\$12,372,402	\$13,309,092	\$13,061,239	\$7,281,259	\$3,831,788	\$2,863,815	\$2,229,965	\$2,492,514	\$3,141,881	\$7,047,094	\$84,691,423

**Estimated Underground Storage Balances**

	November	December	January	February	March	April	May	June	July	August	September	October
Estimated Injection Wacog												
1 WACOG	\$5,511	\$5,786	\$5,952	\$5,957	\$5,793	\$5,199	\$5,091	\$5,804	\$5,158	\$5,182	\$5,208	\$5,257
2 Injection	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229	\$0,0229
3 Variable	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788	\$0,0788
4 Fuel	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%	7.13%
5 Delivered Wacog to storage	\$5,983	\$6,279	\$6,458	\$6,464	\$6,288	\$5,647	\$5,532	\$6,299	\$5,603	\$5,629	\$5,657	\$5,709
<b>2004 GCR</b>												
<b>All RI Storages</b>												
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
4 Combined Storages												
5 Beginning Inv Vol	4,534,602	4,392,019	3,654,149	2,532,843	1,459,883	1,049,145	1,209,489	1,846,423	2,546,304	3,187,190	3,755,106	4,260,252
6 Vol Withdrawn	142,583	737,870	1,121,306	1,072,960	410,738	14,336	0	0	0	0	0	0
7 Vol Injected	0	0	0	0	0	174,680	636,934	699,881	640,886	567,916	505,146	232,766
8 Beginning Inv \$	\$23,365,847	\$22,631,146	\$18,829,058	\$13,051,204	\$7,522,468	\$5,406,021	\$6,318,597	\$9,841,839	\$14,250,364	\$17,841,291	\$21,038,058	\$23,895,519
9 \$ Withdrawn	\$734,701	\$3,802,089	\$5,777,854	\$5,528,736	\$2,116,447	\$73,870	\$0	\$0	\$0	\$0	\$0	\$0
10 \$ Injected - Wacog	\$0	\$0	\$0	\$0	\$0	\$986,446	\$3,523,242	\$4,408,524	\$3,590,928	\$3,196,767	\$2,857,461	\$1,328,959
11 Ending Vol	4,392,019	3,654,149	2,532,843	1,459,883	1,049,145	1,209,489	1,846,423	2,546,304	3,187,190	3,755,106	4,260,252	4,493,018
12 Ending \$	\$22,631,146	\$18,829,058	\$13,051,204	\$7,522,468	\$5,406,021	\$6,318,597	\$9,841,839	\$14,250,364	\$17,841,291	\$21,038,058	\$23,895,519	\$25,224,479
	\$5,1528	\$5,1528	\$5,1528	\$5,1528	\$5,1528	\$5,2242	\$5,3302	\$5,5965	\$5,5978	\$5,6025	\$5,6089	\$5,6142

Storage variable



	NOV.	DEC.	JAN-04.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.
<b>STORAGE FIXED COST UNIT PRICES</b>												
TEXAS EASTERN SS-1 DEMAND	\$/Dth \$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455	\$5,455
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 \$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897	\$0,897
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 \$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889
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 \$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889	\$1,889
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
DOMINION 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
DOMINION 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 \$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508	\$1,508
COLUMBIA FSS CAPACITY	\$/Dth \$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029	\$0,029
NATIONAL FUEL ESS DEMAND	\$/Dth \$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135	\$2,135
NATIONAL FUEL ESS CAPACITY	\$/Dth \$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043	\$0,043
<b>STORAGE DELIVERY FIXED UNIT RATES (\$/Dth)</b>												
ALGONQUIN FOR TETCO SS-1	\$/Dth \$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854
ALGONQUIN DELIVERY FOR FSS-1	\$/Dth \$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854
TETCO DELIVERY FOR FSS-1	\$/Dth \$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080	\$5,2080
ALGONQUIN SCT FOR SS-1	\$/Dth \$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342
ALGONQUIN DELIVERY FOR GSS, GSS-TE,	\$/Dth \$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854
ALGONQUIN DELIVERY FOR GSS CONV,	\$/Dth \$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854	\$9,7854
TENNESSEE DELIVERY FOR GSS	\$/Dth \$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400
TENNESSEE DELIVERY FOR FSMA	\$/Dth \$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400	\$5,9400
TETCO DELIVERY FOR GSS	\$/Dth \$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510	\$5,3510
TETCO DELIVERY FOR GSS-TE	\$/Dth \$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760	\$6,5760
TETCO DELIVERY FOR GSS CONV,	\$/Dth \$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640	\$6,8640
DOMINION DELIVERY FOR GSS	\$/Dth \$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790	\$5,1790
DOMINION DELIVERY FOR GSS CONV	\$/Dth \$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048	\$5,5048
ALGONQUIN DELIVERY FOR FSS	\$/Dth \$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854	\$6,5854
ALGONQUIN DELIVERY FOR ESS	\$/Dth \$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540	\$6,0540
NATIONAL FUEL DELIVERY FOR ESS	\$/Dth \$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550	\$3,5550
TRANSCO DELIVERY FOR ESS	\$/Dth \$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529	\$4,6529
ALGONQUIN DELIVERY FOR ESS	\$/Dth \$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342	\$2,6342
DISTRIGAS FLS CALL PAYMENT	\$/Dth \$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000	\$2,3000

	DEMAND BILLING UNITS											
	NOV.	DEC.	JAN-04.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.
PIPELINE FIXED COST BILLING UNITS												
ALGONQUIN AFT-EAFT-1 DEMAND	88,663	11,063	11,063	88,663	11,063	11,063	88,663	11,063	11,063	88,663	11,063	88,663
ALGONQUIN AFT-3 DEMAND	11,063	3,398	3,398	11,063	3,398	3,398	11,063	3,398	3,398	11,063	3,398	11,063
ALGONQUIN AFT-ES/IS DEMAND	11,063	13,844	13,844	11,063	13,844	13,844	11,063	13,844	13,844	11,063	13,844	11,063
TEXAS EASTERN STX CDS DEMAND Z3	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 WLA CDS DEMAND Z3	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 ELA CDS DEMAND Z3	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995	7,995
TEXAS EASTERN ETX CDS DEMAND Z3	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934	45,934
TETCO MA TO M3 DEMAND Z3	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435	1,435
TEXAS EASTERN FTIS DEMAND	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099	2,099
TEXAS EASTERN FTIS DEMAND 1-3	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474	1,474
TETCP SCT DEMAND 1-3	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432	9,432
TEXAS EASTERN FT-A DEMAND ZONE 0 TO 8	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903	19,903
TEXAS EASTERN FT-A DEMAND ZONE 1 TO 8	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 DRAGOUT	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 FT-A DEMAND ZONE 5 TO 8	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
NETUNE	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
IRCOQUIOS	138	138	138	138	138	138	138	138	138	138	138	138
DOMINION FTIN DEMAND	3	3	3	3	3	3	3	3	3	3	3	3
TRANSCO DEMAND ZONE 2 TO 6	964	964	964	964	964	964	964	964	964	964	964	964
TRANSCO DEMAND ZONE 3 TO 6	964	964	964	964	964	964	964	964	964	964	964	964
TRANSCO DEMAND ZONE 6	964	964	964	964	964	964	964	964	964	964	964	964
NATIONAL FUEL DEMAND	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455	47,455
COLUMBIA FTS DEMAND	17,608	17,608	17,608	17,608	17,608	17,608	17,608	17,608	17,608	17,608	17,608	17,608
TEXAS GAS DEMAND Zone SL	6,510	6,510	6,510	6,510	6,510	6,510	6,510	6,510	6,510	6,510	6,510	6,510
TEXAS GAS DEMAND Zone 1	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
HUBLINE												
SUPPLIER FIXED COST BILLING UNITS												
ANE	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
ANE OPS DEMAND	450,000	465,000	465,000	450,000	465,000	465,000	450,000	465,000	465,000	450,000	465,000	465,000
BP	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300
DISTRIGAS FCS												
STORAGE FIXED COST BILLING UNITS												
TEXAS EASTERN SS-1 DEMAND	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	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	944	944	944	944	944	944	944	944	944	944	944	944
TEXAS EASTERN FSS-1 CAPACITY	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	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-TE DEMAND	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304	1,039,304
DOMINION GSS-TE CAPACITY	14,270	14,270	14,270	14,270	14,270	14,270	14,270	14,270	14,270	14,270	14,270	14,270
DOMINION GSS-TE DEMAND	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
DOMINION GSS-TE CAPACITY	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 DEMAND	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343	815,343
TENNESSEE FSMA CAPACITY	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 DEMAND	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957	203,957
COLUMBIA FSS CAPACITY	276	276	276	276	276	276	276	276	276	276	276	276
NATIONAL FUEL ESS DEMAND	41,676	41,676	41,676	41,676	41,676	41,676	41,676	41,676	41,676	41,676	41,676	41,676
NATIONAL FUEL ESS CAPACITY												



	NOV.	DEC.	JAN-04.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	Total
SUPPLIER FIXED COST DOLLARS													
ANIE OFS DEMAND	\$ 31,888	\$ 39	\$ 31,888	\$ 39	\$ 31,888	\$ 39	\$ 31,888	\$ 39	\$ 31,888	\$ 39	\$ 31,888	\$ 39	\$ 392,656
BP	\$ 33,750	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 34,875	\$ 411,750
DISTRIGAS FCS	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 141,113	\$ 1,663,350
TOTAL SUPPLIER DEMAND COSTS	\$ 206,740	\$ 207,915	\$ 207,915	\$ 206,665	\$ 207,915	\$ 206,790	\$ 207,915	\$ 206,790	\$ 207,915	\$ 207,915	\$ 206,790	\$ 207,915	\$ 2,486,228
STORAGE FIXED COST DOLLARS													
TEXAS EASTERN SS-1 DEMAND	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 80,745	\$ 968,939
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	\$ 160,336
TEXAS EASTERN FSS-1 DEMAND	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 847	\$ 10,161
TEXAS EASTERN FSS-1 CAPACITY	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 610	\$ 7,324
DOMINION GSS DEMAND	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 21,537	\$ 258,442
DOMINION GSS CAPACITY	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 15,070	\$ 180,839
DOMINION GSS-TE DEMAND	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 26,952	\$ 323,421
DOMINION GSS-TE CAPACITY	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 19,957	\$ 239,480
TENNESSEE FSMA DEMAND	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 24,344	\$ 292,132
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	\$ 181,006
COLUMBIA FSS DEMAND	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 3,838	\$ 46,054
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	\$ 70,977
NATIONAL FUEL LESS DEMAND	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 569	\$ 6,828
NATIONAL FUEL LESS CAPACITY	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 21,600
NATIONAL 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	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 386,148	\$ 4,641,060
STORAGE DELIVERY FIXED COSTS													
ALONGQUIN FOR TETCO SS-1	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 92,038	\$ 1,104,451
ALONGQUIN DELIVERY FOR FSS-1	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 6,144	\$ 73,730
TETCO DELIVERY FOR FSS-1	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 4,916	\$ 58,986
ALONGQUIN SGT FOR FSS-1	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 1,731	\$ 20,768
ALONGQUIN DELIVERY FOR GSS GSS-TE	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 71,880	\$ 862,556
ALONGQUIN DELIVERY FOR GSS CONW	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 19,943	\$ 239,312
TENNESSEE DELIVERY FOR GSS	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 39,091	\$ 469,094
TENNESSEE DELIVERY FOR FSMA	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 25,275	\$ 303,296
TETCO DELIVERY FOR GSS	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 29,318	\$ 351,818
TETCO DELIVERY FOR GSS-TE	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 33,538	\$ 402,455
TETCO DELIVERY FOR GSS CONW	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 34,396	\$ 412,746
DOMINION DELIVERY FOR GSS	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 10,674	\$ 128,087
DOMINION DELIVERY FOR GSS CONW	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 29,407	\$ 354,033
ALONGQUIN DELIVERY FOR FSS	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 11,345	\$ 136,145
COLUMBIA DELIVERY FOR FSS	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 16,569	\$ 198,828
NATIONAL FUEL DELIVERY FOR ESS	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 15,407	\$ 183,942
TRANSCO DELIVERY FOR ESS	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 981	\$ 11,770
ALONGQUIN DELIVERY FOR ESS	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 1,284	\$ 15,407
DISTRIGAS FLS CALL PAYMENT	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 124,200	\$ 1,515,240
TOTAL STORAGE DELIVERY DEMAND COSTS	\$ 538,855	\$ 542,985	\$ 542,985	\$ 534,715	\$ 542,985	\$ 534,715	\$ 542,985	\$ 534,715	\$ 542,985	\$ 542,985	\$ 534,715	\$ 542,985	\$ 6,520,417
TOTAL ALL DEMAND COSTS	\$ 3,474,509	\$ 3,480,001	\$ 3,480,001	\$ 3,469,017	\$ 3,480,001	\$ 3,474,121	\$ 3,480,001	\$ 3,469,017	\$ 3,480,001	\$ 3,480,001	\$ 3,474,121	\$ 3,480,001	\$ 41,444,341

	NOV.	DEC.	JAN-04.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	Total
<b>Market Demand Charge Credits</b>													
<b>Capacity Release Volumes</b>													
Tennessee	2,122	2,122	2,122	2,122	2,122	2,122	2,122	2,122	2,122	2,122	2,122	2,122	21,222
Algonquin	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	11,229
Telco STX/AGT	3,717	3,717	3,717	3,717	3,717	3,717	3,717	3,717	3,717	3,717	3,717	3,717	37,117
Telco WLA/AGT	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	1,985	19,855
Telco ELA/AGT	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	2,969	29,689
Columbia/Downington	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>11,922</b>	<b>119,222</b>
<b>Cost per Mmbtu</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>	<b>\$15.938</b>
<b>Total Demand Charge Credit</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$190,013</b>	<b>\$1,900,113</b>
<b>TOTAL PIPELINE DEMANDS (LESS RELEASES)</b>	<b>\$2,150,702</b>	<b>\$2,150,929</b>	<b>\$2,150,929</b>	<b>\$2,150,476</b>	<b>\$2,150,929</b>	<b>\$2,152,801</b>	<b>\$2,153,028</b>	<b>\$2,152,801</b>	<b>\$2,153,028</b>	<b>\$2,153,028</b>	<b>\$2,152,801</b>	<b>\$2,153,028</b>	<b>\$25,824,483</b>
<b>TOTAL SUPPLIER DEMANDS</b>	<b>\$206,790</b>	<b>\$207,915</b>	<b>\$207,915</b>	<b>\$205,065</b>	<b>\$207,915</b>	<b>\$206,790</b>	<b>\$206,790</b>	<b>\$207,915</b>	<b>\$207,915</b>	<b>\$207,915</b>	<b>\$206,790</b>	<b>\$207,915</b>	<b>\$2,488,228</b>
<b>TOTAL STORAGE FACILITIES</b>	<b>\$388,149</b>	<b>\$388,149</b>	<b>\$388,149</b>	<b>\$386,149</b>	<b>\$388,149</b>	<b>\$385,759</b>	<b>\$385,759</b>	<b>\$385,759</b>	<b>\$385,759</b>	<b>\$385,759</b>	<b>\$385,759</b>	<b>\$385,759</b>	<b>\$4,641,060</b>
<b>TOTAL STORAGE DELIVERY DEMANDS</b>	<b>\$538,855</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,715</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$542,895</b>	<b>\$6,210,417</b>
<b>Total All Demands</b>	<b>\$3,284,496</b>	<b>\$3,289,988</b>	<b>\$3,289,988</b>	<b>\$3,279,004</b>	<b>\$3,288,988</b>	<b>\$3,284,108</b>	<b>\$3,249,600</b>	<b>\$3,244,108</b>	<b>\$3,249,600</b>	<b>\$3,249,600</b>	<b>\$3,244,108</b>	<b>\$3,249,600</b>	<b>\$39,164,187</b>
<b>Capacity Release Revenue</b>	<b>\$57,800</b>	<b>\$92,000</b>	<b>\$27,800</b>	<b>\$45,100</b>	<b>\$55,000</b>	<b>\$60,000</b>	<b>\$105,000</b>	<b>\$105,000</b>	<b>\$98,600</b>	<b>\$105,000</b>	<b>\$57,500</b>	<b>\$52,000</b>	<b>\$860,800</b>
<b>Demand Net of Releases to Marketers</b>	<b>\$3,226,696</b>	<b>\$3,197,988</b>	<b>\$3,262,188</b>	<b>\$3,233,904</b>	<b>\$3,234,988</b>	<b>\$3,184,108</b>	<b>\$3,144,600</b>	<b>\$3,139,108</b>	<b>\$3,151,000</b>	<b>\$3,144,600</b>	<b>\$3,186,608</b>	<b>\$3,197,600</b>	<b>\$38,303,387</b>

Pipeline and storage fixed



**GCR GAS COSTS  
NOVEMBER 2003 - OCTOBER 2004  
LNG AND PROPANE COSTS**

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
<b>Providence and Exeter</b>													
1	742,657	778,657	811,157	552,499	523,221	556,491	592,491	629,691	665,691	702,891	740,091	776,091	
2	18,000	23,300	311,900	85,078	22,530	18,000	18,600	18,000	18,600	18,600	18,000	18,600	18,600
3	54,000	55,800	53,242	55,800	55,800	54,000	55,800	54,000	55,800	55,800	54,000	55,800	55,800
4	5,291,090	5,488,090	4,510,917	3,832,899	3,596,285	3,789,174	3,979,379	4,172,626	4,361,528	4,558,392	4,756,888	4,948,670	4,948,670
5	128,242	164,222	2,181,579	590,219	154,857	122,563	124,924	119,276	121,865	120,625	115,694	118,601	118,601
6	325,242	349,754	340,855	353,605	347,746	312,768	318,172	308,178	318,730	319,120	307,476	318,841	318,841
7	778,657	811,157	552,499	523,221	556,491	592,491	629,691	665,691	702,891	740,091	776,091	813,291	813,291
8	5,488,090	5,673,622	3,832,899	3,596,285	3,789,174	3,979,379	4,172,626	4,361,528	4,558,392	4,756,888	4,948,670	5,148,910	5,148,910
9	7,0481	6,9945	6,9374	6,8734	6,8090	6,7164	6,6265	6,5519	6,4852	6,4274	6,3764	6,3310	6,3310
<b>Valley Gas</b>													
10	34,261	80,000	77,210	40,261	33,861	29,861	40,190	48,000	45,300	42,510	39,720	76,720	76,720
11	2,700	2,790	36,949	6,400	4,000	2,700	2,790	2,700	2,790	2,790	2,700	2,790	2,790
12	48,439	0	0	0	0	13,029	10,600	0	0	0	39,700	13,990	13,990
13	211,597	483,134	466,285	243,143	204,493	180,336	241,553	287,854	271,662	254,931	238,199	458,222	458,222
14	16,675	16,849	223,142	38,651	24,157	16,306	16,769	16,192	16,732	16,732	16,192	16,664	16,664
15	288,212	0	0	0	0	77,523	63,070	0	0	0	236,215	83,241	83,241
16	80,000	77,210	40,261	33,861	29,861	40,190	48,000	45,300	42,510	39,720	76,720	87,920	87,920
17	483,134	466,285	243,143	204,493	180,336	241,553	287,854	271,662	254,931	238,199	458,222	524,799	524,799
18	6,0392	6,0392	6,0392	6,0392	6,0392	6,0103	5,9970	5,9970	5,9970	5,9970	5,9727	5,9691	5,9691
<b>Combined LNG Inv</b>													
19	776,918	858,657	888,367	592,760	557,082	586,352	632,681	677,691	710,991	745,401	779,811	852,811	852,811
20	20,700	26,090	348,849	91,478	26,530	20,700	21,390	20,700	21,390	21,390	20,700	21,390	21,390
21	102,439	55,800	53,242	55,800	55,800	67,029	66,400	54,000	55,800	55,800	93,700	69,790	69,790
22	5,502,687	5,971,224	4,977,202	4,076,042	3,800,777	3,969,509	4,220,931	4,460,480	4,633,190	4,813,323	4,995,087	5,406,892	5,406,892
23	144,917	181,071	2,404,720	628,870	179,013	138,869	141,693	135,468	138,596	137,356	131,866	135,265	135,265
24	613,454	349,754	340,855	353,605	347,746	390,291	381,242	308,178	318,730	319,120	543,691	402,082	402,082
25	858,657	888,367	592,760	557,082	586,352	632,681	677,691	710,991	745,401	779,811	852,811	901,211	901,211
26	5,971,224	6,139,907	4,076,042	3,800,777	3,969,509	4,220,931	4,460,480	4,633,190	4,813,323	4,995,087	5,406,892	5,673,709	5,673,709
27	6,9541	6,9115	6,8764	6,8227	6,7698	6,6715	6,5819	6,5165	6,4574	6,4055	6,3401	6,2957	6,2957

Propane and LNG costs

**GCR GAS COSTS  
NOVEMBER 2003 - OCTOBER 2004  
LNG AND PROPANE COSTS**

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Westerly and Newport													
28 Westerly LNG Vol Vapor	0	0	2,304	0	0	0	0	0	0	0	0	0	0
29 Newport LNG Vol Vapor	0	0	254	0	0	0	0	0	0	0	0	0	0
30 Trucking Costs	0	0	2,430	0	0	0	0	0	7,357.4	7,305.5	7,240.1	7,195.7	0
31 Avg \$/Dth	6,954.1	6,911.5	6,876.4	6,822.7	6,769.8	7,571.5	7,481.9	7,416.5	0	0	0	0	0
32 Total cost	0	0	20,020	0	0	0	0	0	0	0	0	0	0
<b>33 Total All LNG Costs</b>	<b>144,917</b>	<b>181,071</b>	<b>2,424,740</b>	<b>628,870</b>	<b>179,013</b>	<b>138,869</b>	<b>141,693</b>	<b>135,468</b>	<b>138,596</b>	<b>137,356</b>	<b>131,886</b>	<b>135,265</b>	<b>4,517,744</b>
<b>PROPANE</b>													
Cumberland													
34 Beginning Inv Vol	43,197	43,197	43,197	35,218	31,997	31,997	31,997	31,997	31,997	31,997	31,997	31,997	31,997
35 Vol Withdrawn	0	0	7,979	3,221	0	0	0	0	0	0	0	0	0
36 Vol Injected -	0	0	0	0	0	0	0	0	0	0	0	0	0
37 Beginning Inv \$	355,470	355,470	566,698	283,998	258,024	258,024	258,024	258,024	258,024	258,024	258,024	258,024	258,024
38 \$ Withdrawn	0	0	71,471	25,974	0	0	0	0	0	0	0	0	0
39 \$ Injected	0	0	0	0	0	0	0	0	0	0	0	0	0
40 Ending Vol	43,197	43,197	35,218	31,997	31,997	31,997	31,997	31,997	31,997	31,997	31,997	31,997	31,997
41 Ending \$	355,470	355,470	283,998	258,024	258,024	258,024	258,024	258,024	258,024	258,024	258,024	258,024	258,024
42 Avg \$/Dth	8,2290	8,2290	8,0640	8,0640	8,0640	8,0640	8,0640	8,0640	8,0640	8,0640	8,0640	8,0640	8,0640
<b>43 Total All LNG and Propane</b>	<b>144,917</b>	<b>181,071</b>	<b>2,496,211</b>	<b>654,844</b>	<b>179,013</b>	<b>138,869</b>	<b>141,693</b>	<b>135,468</b>	<b>138,596</b>	<b>137,356</b>	<b>131,886</b>	<b>135,265</b>	<b>4,615,190</b>

2004 GCR Storage Withdrawal costs

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
<b>Storage Withdrawals Dth</b>													
1	7,109	5,687	5,924	5,450	6,872	0	0	0	0	0	0	0	0
2	127,267	68,164	63,129	95,929	98,350	0	0	0	0	0	0	0	0
3	0	270,190	284,315	265,972	130,022	0	0	0	0	0	0	0	0
4	0	2,184	5,514	1,331	1,039	0	0	0	0	0	0	0	0
5	0	14,404	70,468	52,382	13,766	0	0	0	0	0	0	0	0
6	0	4,885	7,442	7,083	2,687	0	0	0	0	0	0	0	0
7	0	16,860	40,308	15,289	15,289	0	0	0	0	0	0	0	0
8	0	39,782	154,910	147,246	20,855	0	0	0	0	0	0	0	0
9	0	15,996	24,135	23,194	8,798	0	0	0	0	0	0	0	0
10	0	19,850	30,293	28,782	10,917	0	0	0	0	0	0	0	0
11	0	243,778	332,435	314,428	82,153	0	0	0	0	0	0	0	0
12	0	7,613	15,583	14,884	3,776	0	0	0	0	0	0	0	0
13	0	7,023	14,310	13,760	3,441	2,752	0	0	0	0	0	0	0
14	8,208	8,481	8,481	7,934	8,481	0	0	0	0	0	0	0	0
15	0	20,550	70,741	57,425	7,634	10,574	0	0	0	0	0	0	0
16	142,583	745,446	1,129,204	1,080,391	414,371	14,366	0	0	0	0	0	0	0

STORAGE VARIABLE RATES

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
19	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102	\$0.0102
20	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895
21	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171	\$0.0171
22	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194	\$0.0194
23	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895	\$0.0895
24	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610	\$0.0610
25	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173	\$0.0173
26	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386	\$0.0386
27	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621	\$0.0621
28	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153	\$0.0153
29	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322	\$0.0322
30	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160	\$0.0160
31	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465	\$0.0465

GAS YEAR 2003 - 2004

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
<b>Withdrawal Costs</b>													
32	\$73	\$58	\$60	\$56	\$70	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$317
33	\$11,390	\$6,101	\$5,650	\$8,586	\$8,802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,529
34	\$0	\$6,569	\$10,578	\$9,755	\$3,463	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$30,403
35	\$0	\$5,969	\$7,602	\$6,870	\$3,038	\$20	\$0	\$0	\$0	\$0	\$0	\$0	\$23,500
36	\$0	\$6,846	\$20,292	\$19,362	\$4,212	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,712
37	\$0	\$15,299	\$21,151	\$20,020	\$5,221	\$168	\$0	\$0	\$0	\$0	\$0	\$0	\$61,859
38	\$0	\$4,339	\$5,999	\$5,678	\$1,481	\$48	\$0	\$0	\$0	\$0	\$0	\$0	\$17,544
39	\$0	\$294	\$602	\$578	\$146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,619
40	\$0	\$473	\$968	\$931	\$234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,605
41	\$0	\$314	\$1,082	\$879	\$117	\$162	\$0	\$0	\$0	\$0	\$0	\$0	\$2,554
42	\$0	\$682	\$2,278	\$1,849	\$246	\$340	\$0	\$0	\$0	\$0	\$0	\$0	\$5,375
43	\$131	\$136	\$136	\$127	\$136	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$665
44	\$382	\$384	\$384	\$369	\$384	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,934
45	\$11,976	\$47,453	\$76,792	\$75,059	\$27,580	\$756	\$0	\$0	\$0	\$0	\$0	\$0	\$239,296

Storage withdrawal costs

Withdrawal fuel est  
2004 GCR Filing

FUEL COSTS ASSIGNED STORAGE

Withdrawal Fuel est 2004 GCR Filing	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Volumes withdrawn Dth													
1 TENN_8995	7,109	5,687	5,924	5,450	6,872	0	0	0	0	0	0	0	0
2 TENN_501	127,267	68,164	63,129	95,929	98,350	0	0	0	0	0	0	0	0
3 GSS TE_600003	0	270,190	284,315	265,972	130,022	0	0	0	0	0	0	0	0
4 GSS TE_600042	0	2,184	5,514	5,514	1,039	0	0	0	0	0	0	0	0
5 GSS_600018	0	14,404	70,468	52,382	13,766	0	0	0	0	0	0	0	0
6 GSS_300123	0	4,885	7,442	7,083	2,687	0	0	0	0	0	0	0	0
7 GSS_300140	0	16,860	41,523	40,308	15,289	0	0	0	0	0	0	0	0
8 GSS_300141	0	39,782	154,910	147,246	20,855	0	0	0	0	0	0	0	0
9 GSS_300142	0	15,996	24,135	23,194	8,798	0	0	0	0	0	0	0	0
10 GSS_300143	0	19,850	30,293	28,782	10,917	0	0	0	0	0	0	0	0
11 TETCO_400221	0	243,778	332,435	314,428	82,153	0	0	0	0	0	0	0	0
12 TETCO_400515	0	7,613	15,583	14,984	3,776	0	0	0	0	0	0	0	0
13 TETCO_400185	0	7,023	14,310	13,780	3,441	2,752	0	0	0	0	0	0	0
14 NF ESS 1488	8,208	8,481	8,481	7,934	8,481	0	0	0	0	0	0	0	0
15 COL FS 38010	0	20,550	70,741	57,425	7,634	10,574	0	0	0	0	0	0	0
16 Total	142,583	745,446	1,129,204	1,080,391	414,371	14,366	0	0	0	0	0	0	0
17 Fuel % Delivered	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
18 Tennessee Storage	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%	2.17%
19 Dominion GSS-TE Storage	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%	5.86%
20 Dominion GSS Storage	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%	6.12%
21 Tetco Storage	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%	5.54%
22 Columbia Storage	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%	3.56%
23 National Fuel Storage	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%	3.87%
24 Storage Fuel Volumes Dth	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
25 Tennessee Storage	2,916	1,603	1,498	2,200	2,283	0	0	0	0	0	0	0	0
26 Dominion GSS-TE Storage	0	15,961	16,984	15,909	7,697	61	0	0	0	0	0	0	0
27 Dominion GSS Storage	0	6,841	20,121	18,298	4,425	0	0	0	0	0	0	0	0
28 Tetco Storage	0	14,316	20,073	19,012	4,951	152	0	0	0	0	0	0	0
29 Columbia Storage	318	732	2,518	2,044	272	376	0	0	0	0	0	0	0
30 National Fuel Storage	3,234	328	328	307	328	590	0	0	0	0	0	0	0
31 Total	5,153	39,780	61,523	57,771	19,957	5,224	5,330	5,596	5,598	5,603	5,609	5,614	
32 Average Cost of inventory	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
33 Withdrawal Fuel Costs	\$15,025	\$8,258	\$7,721	\$11,336	\$11,765	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34 Tennessee Storage	\$0	\$82,244	\$87,515	\$81,976	\$39,663	\$318	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35 Dominion GSS-TE Storage	\$0	\$35,249	\$103,678	\$94,288	\$22,804	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36 Dominion GSS Storage	\$0	\$73,768	\$103,432	\$97,964	\$25,512	\$797	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37 Tetco Storage	\$0	\$3,770	\$12,977	\$10,534	\$1,400	\$1,967	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38 Columbia Storage	\$1,637	\$1,691	\$1,691	\$1,582	\$1,691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39 National Fuel Storage	\$16,662	\$204,980	\$317,014	\$297,680	\$102,835	\$3,081	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40 Total	\$942,252												\$942,252

Storage fuel cost

**New England Gas Company - RI Companies  
Preliminary Summary of Transportation Capacity Release  
Pipeline Path Availability and Pricing  
Nov 2003 - October 2004**

Path to City Gate	Projected Releases(a)	New Total Available	Remaining Available	Cost /Dth	(Credit)/ Surcharge
<b>Company Weighted Average</b>				<b>\$1.034</b>	
Tennessee Zone 1 to ProvGas	2,235	5,000	2,765	\$0.927	\$0.107
Algonquin @ Lambertville, NJ	1,189	2,714	1,525	\$1.013	\$0.021
Texas Eastern - South Texas Algonquin @ Lambertville, NJ	3,914	4,044	130	\$1.471	(\$0.437)
Texas Eastern - West La Algonquin @ Lambertville, NJ	2,166	3,000	834	\$1.285	(\$0.251)
Texas Eastern - East La Algonquin @ Lambertville, NJ	3,126	5,442	2,316	\$1.171	(\$0.137)
Columbia (Maumee/Downington) at 5:1 ratio**	0	3,000	3,000	\$0.802	\$0.232
<b>Totals</b>	11,922	23,200	11,278		

(a) as of August 2003 adjusted to the Nov. 1 ratio of the Maximum Pipeline Quantity to the Average Winter Day

\*\* 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 2003 - 2004  
TEXAS EASTERN SO. TEXAS SUPPLY PATH COST MATRIX  
CITY GATE DELIVERED MDQ = 4,044 DTH

	UNIT PRICING												TOTAL
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
<b>FIXED</b>													
TETCO STX SUPPLY ZONE DEMAND	\$/Dth	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804	\$6.804
TETCO WLA SUPPLY ZONE DEMAND	\$/Dth	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827	\$2.827
TETCO ELA SUPPLY ZONE DEMAND	\$/Dth	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375	\$2.375
TETCO STX M1 TO M3 DEMAND	\$/Dth	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741	\$10.741
ALGONQUIN AFT-E 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
<b>VARIABLE</b>													
TETCO USAGE STX TO M3	\$/Dth	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084	\$0.084
ALGONQUIN USAGE	\$/Dth	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017	\$0.017
NYMEX strip 8/18/03	\$/Dth	\$5.173	\$5.418	\$5.552	\$5.487	\$5.382	\$4.942	\$4.852	\$4.862	\$4.869	\$4.844	\$4.864	\$4.864
SUPPLY AREA BASIS (3 yr average)	\$/Dth	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)	(\$0.177)
NET COST AFTER BASIS	\$/Dth	\$4.996	\$5.241	\$5.375	\$5.310	\$5.205	\$4.765	\$4.675	\$4.680	\$4.692	\$4.667	\$4.687	\$4.687
<b>BILLING UNITS</b>													
<b>FIXED</b>													
TETCO STX SUPPLY ZONE DEMAND	Dth	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091
TETCO WLA SUPPLY ZONE DEMAND	Dth	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091
TETCO ELA SUPPLY ZONE DEMAND	Dth	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091
TETCO STX M1 TO M3 DEMAND	Dth	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091	4,091
ALGONQUIN AFT-E DEMAND	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
<b>VARIABLE</b>													
TETCO USAGE STX TO M3	Dth	432,746	464,276	464,276	419,346	464,276	368,616	269,062	24,083	36,715	0	430,422	4,498,841
ALGONQUIN USAGE	Dth	393,626	413,856	413,856	373,805	413,856	335,293	244,739	21,906	33,396	0	391,512	4,060,202
PURCHASE VOLUMES	Dth	432,746	464,276	464,276	419,346	464,276	368,616	269,062	24,083	36,715	0	430,422	4,498,841
DELIVERED VOLUMES	Dth	391,382	409,138	409,138	369,544	409,138	333,382	243,344	21,781	33,206	0	389,280	4,028,419
TETCO STX M1 TO M3 FUEL	%	9.04%	10.86%	10.86%	10.86%	10.86%	9.04%	9.04%	9.04%	9.04%	9.04%	9.04%	9.04%
ALGONQUIN AFT-E FUEL	%	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
<b>FIXED</b>													
TETCO STX SUPPLY ZONE DEMAND	\$	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835	\$27,835
TETCO WLA SUPPLY ZONE DEMAND	\$	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565	\$11,565
TETCO ELA SUPPLY ZONE DEMAND	\$	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716	\$9,716
TETCO STX M1 TO M3	\$	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937	\$43,937
ALGONQUIN AFT-E	\$	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631	\$26,631
<b>VARIABLE</b>													
TETCO USAGE STX TO M3	\$	\$36,264	\$38,906	\$38,906	\$35,141	\$38,906	\$30,890	\$22,547	\$2,018	\$3,077	\$0	\$36,069	\$393,098
ALGONQUIN USAGE	\$	\$6,810	\$7,160	\$7,160	\$6,467	\$7,160	\$5,801	\$4,234	\$379	\$578	\$0	\$6,773	\$71,660
PURCHASE COST	\$	\$2,161,830	\$2,433,092	\$2,495,305	\$2,226,566	\$2,416,378	\$1,756,312	\$1,257,761	\$112,699	\$172,255	\$0	\$2,017,219	\$20,966,324
TOTAL FIXED	\$	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685	\$119,685
TOTAL VARIABLE	\$	\$2,204,904	\$2,479,158	\$2,541,371	\$2,268,174	\$2,462,444	\$1,793,003	\$1,284,543	\$115,096	\$175,909	\$0	\$2,060,062	\$19,428,082
DELIVERED VOLUMES AT NYMEX	\$	\$2,024,619	\$2,216,710	\$2,271,534	\$2,027,688	\$2,201,981	\$1,647,574	\$1,180,705	\$105,790	\$161,680	\$0	\$1,893,458	\$19,428,082
NET NON-GAS VARIABLE COST	\$	\$180,285	\$262,448	\$269,837	\$240,486	\$260,463	\$145,429	\$103,838	\$9,306	\$14,229	\$0	\$166,604	\$2,003,000
AVERAGE NON-GAS VARIABLE COST	\$/Dth												0.497
AVERAGE FIXED COST	\$/Dth												29.62
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth												0.974
TOTAL PATH COST	\$/Dth												1.471

Path valuation

**Gas Year 2003 - 2004  
TEXAS EASTERN WE. LOUISIANA SUPPLY PATH TO ALGONQUIN CITY GATE  
CITY GATE DELIVERED MDQ = 3,000 DTH**

**UNIT PRICING**

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
<b>FIXED</b>													
TETCO WLA SUPPLY ZONE DEMAND	\$/Dth	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827	\$2,827
TETCO ELA SUPPLY ZONE DEMAND	\$/Dth	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375
TETCO WLA M1 TO M3 DEMAND	\$/Dth	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741
ALGONQUIN AFT-E 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
<b>VARIABLE</b>													
TETCO USAGE WLA TO M3	\$/Dth	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079	\$0,079
ALGONQUIN USAGE	\$/Dth	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017
NYMEX strip 8/18/03	\$/Dth	\$5,173	\$5,418	\$5,552	\$5,487	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864	\$4,864
SUPPLY AREA BASIS (3 yr average)	\$/Dth	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)	(\$0,101)
NET COST AFTER BASIS	\$/Dth	\$5,072	\$5,317	\$5,451	\$5,386	\$4,841	\$4,751	\$4,756	\$4,761	\$4,768	\$4,743	\$4,763	\$4,763
<b>FIXED</b>													
TETCO WLA SUPPLY ZONE DEMAND	Dth	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035
TETCO ELA SUPPLY ZONE DEMAND	Dth	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035
TETCO WLA M1 TO M3 DEMAND	Dth	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035
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
<b>VARIABLE</b>													
TETCO USAGE WLA TO M3	Dth	202,863	242,529	242,529	219,059	74,961	128,350	124,210	158,909	161,345	156,140	178,918	2,367,243
ALGONQUIN USAGE	Dth	185,884	218,373	218,373	197,241	68,687	117,607	113,814	145,608	147,841	143,072	163,942	2,154,217
PURCHASE VOLUMES	Dth	202,863	242,529	242,529	219,059	74,961	128,350	124,210	158,909	161,345	156,140	178,918	2,367,243
DELIVERED VOLUMES	Dth	184,824	215,884	215,884	194,992	68,295	116,937	113,165	144,778	146,998	142,256	163,008	2,137,209

**BILLING UNITS**

**FUEL USE %**

TETCO WLA M1 TO M3 FUEL	%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%	9.96%
ALGONQUIN AFT-E FUEL	%	0.57%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
<b>FIXED</b>													
TETCO WLA SUPPLY ZONE	\$	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$8,579	\$137,217
TETCO ELA SUPPLY ZONE DEMAND	\$	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$7,207	\$115,288
TETCO WLA M1 TO M3	\$	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$32,595	\$522,777
ALGONQUIN AFT-E	\$	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$316,099
<b>VARIABLE</b>													
TETCO USAGE WLA TO M3	\$	\$15,925	\$19,039	\$19,039	\$17,196	\$5,884	\$10,075	\$9,750	\$12,474	\$12,666	\$12,257	\$14,045	\$189,329
ALGONQUIN USAGE	\$	\$3,216	\$3,778	\$3,778	\$3,412	\$1,188	\$2,035	\$1,969	\$2,519	\$2,558	\$2,475	\$2,836	\$37,591
PURCHASE COST	\$	\$1,028,866	\$1,289,461	\$1,321,960	\$1,179,790	\$362,864	\$609,757	\$590,709	\$756,520	\$769,250	\$740,531	\$852,136	\$11,592,001
<b>TOTAL FIXED</b>	\$	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$68,137	\$1,091,382
<b>TOTAL VARIABLE</b>	\$	\$1,048,006	\$1,312,278	\$1,344,777	\$1,200,398	\$369,937	\$621,867	\$602,428	\$771,513	\$784,473	\$755,263	\$869,018	\$11,818,921
<b>DELIVERED VOLUMES AT NYMEX</b>	\$	\$956,095	\$1,169,660	\$1,198,588	\$1,069,921	\$337,514	\$567,378	\$549,642	\$703,911	\$715,733	\$689,088	\$792,871	\$10,670,057
<b>NET NON-GAS VARIABLE COST</b>	\$	\$91,912	\$142,618	\$146,189	\$130,477	\$32,423	\$54,488	\$52,786	\$67,602	\$68,740	\$66,175	\$76,147	\$1,148,864
<b>AVERAGE NON-GAS VARIABLE COST</b>	\$/Dth												0.54
<b>AVERAGE FIXED COST</b>	\$/Dth												22.74
<b>AVERAGE COST AT 100% LOAD FACTOR</b>	\$/Dth												0.748
<b>TOTAL PATH COST</b>	\$/Dth												1.285

Gas Year 2003 - 2004  
TEXAS EASTERN EAST LOUISIANA SUPPLY PATH TO ALGONQUIN CITY GATE  
CITY GATE DELIVERED MDQ = 5,442 DTH

UNIT PRICING

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
<b>FIXED</b>													
TETCO ELA SUPPLY ZONE DEMAND	\$/Dth	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375	\$2,375
TETCO ELA M1 TO M3 DEMAND	\$/Dth	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741	\$10,741
ALGONQUIN AFT-E 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
<b>VARIABLE</b>													
TETCO USAGE ELA TO M3	\$/Dth	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076	\$0,076
ALGONQUIN USAGE	\$/Dth	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017
NYMEX strip 8/18/03	\$/Dth	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,852	\$4,857	\$4,864	\$4,869	\$4,864	\$4,864	\$4,864
SUPPLY AREA BASIS (3 yr average)	\$/Dth	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)	(\$0,082)
NET COST AFTER BASIS	\$/Dth	\$5,091	\$5,336	\$5,470	\$5,405	\$5,300	\$4,770	\$4,775	\$4,780	\$4,787	\$4,782	\$4,782	\$4,782

BILLING UNITS

<b>FIXED</b>													
TETCO ELA SUPPLY ZONE DEMAND	Dth	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505
TETCO ELA M1 TO M3 DEMAND	Dth	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505	5,505
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
<b>VARIABLE</b>													
TETCO USAGE ELA TO M3	Dth	400,349	292,599	485,880	447,322	485,880	263,515	256,419	249,042	250,571	245,563	249,587	4,814,029
ALGONQUIN USAGE	Dth	368,001	264,597	439,381	404,513	439,381	242,223	235,700	228,920	230,325	225,722	229,421	4,400,115
PURCHASE VOLUMES	Dth	400,349	292,599	485,880	447,322	485,880	263,515	256,419	249,042	250,571	245,563	249,587	4,814,029
DELIVERED VOLUMES	Dth	365,903	261,561	434,372	399,902	434,372	240,842	234,357	224,615	229,012	224,435	228,113	4,366,730

FUEL USE %

TETCO ELA M1 TO M3 FUEL	%	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
ALGONQUIN AFT-E FUEL	%	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
<b>FIXED</b>													
TETCO ELA SUPPLY ZONE	\$	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074	\$13,074
TETCO ELA M1 TO M3	\$	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127	\$59,127
ALGONQUIN AFT-E	\$	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838	\$35,838
<b>VARIABLE</b>													
TETCO USAGE ELA TO M3	\$	\$30,507	\$22,296	\$37,024	\$34,086	\$37,024	\$20,080	\$19,539	\$18,977	\$19,094	\$18,712	\$19,019	\$380,448
ALGONQUIN USAGE	\$	\$6,386	\$4,578	\$7,601	\$6,998	\$7,601	\$4,190	\$4,078	\$3,960	\$3,985	\$3,905	\$3,969	\$77,418
PURCHASE COST	\$	\$2,038,242	\$1,561,358	\$2,657,843	\$2,417,851	\$2,575,243	\$1,257,009	\$1,224,444	\$1,190,465	\$1,199,525	\$1,169,412	\$1,193,568	\$22,922,544
<b>TOTAL FIXED</b>	\$	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$108,038	\$1,730,884
<b>TOTAL VARIABLE</b>	\$	\$2,075,115	\$1,588,231	\$2,702,469	\$2,458,935	\$2,619,868	\$1,281,279	\$1,248,061	\$1,213,402	\$1,222,603	\$1,192,029	\$1,216,556	\$23,380,410
<b>DELIVERED VOLUMES AT NYMEX</b>	\$	\$1,892,816	\$1,417,246	\$2,411,633	\$2,194,262	\$2,337,790	\$1,138,272	\$1,106,664	\$1,115,059	\$1,087,163	\$1,109,542	\$1,109,542	\$21,119,799
<b>NET NON-GAS VARIABLE COST</b>	\$	\$182,299	\$170,986	\$290,834	\$264,573	\$282,078	\$112,714	\$109,769	\$106,738	\$107,544	\$104,866	\$107,014	\$2,260,611
<b>AVERAGE NON-GAS VARIABLE COST</b>	\$/Dth												\$0.518
<b>AVERAGE FIXED COST</b>	\$/Dth												\$19.879
<b>AVERAGE COST AT 100% LOAD FACTOR</b>	\$/Dth												\$0.654
<b>TOTAL PATH COST</b>	\$/Dth												\$1.171

Path valuation



Gas Year 2003 - 2004  
MAUMEE/DOWNINGTON COLUMBIA PATH TO CITY GATE  
CITY GATE DELIVERED MDQ = 3,000 DTH

UNIT PRICING

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
<b>FIXED</b>													
COLUMBIA FTS DEMAND	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225	\$6,225
ALGONQUIN DEMAND	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585	\$6,585
<b>VARIABLE</b>													
COLUMBIA USAGE	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015	\$0,015
ALGONQUIN USAGE	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017
NYMEX strip 8/18/03	\$5,173	\$5,418	\$5,552	\$5,487	\$4,862	\$4,862	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864	\$4,864
SUPPLY AREA BASIS MAUMEE	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254	\$0,254
SUPPLY AREA BASIS DOWNINGTON	\$1,309	\$1,309	\$1,309	\$1,309	\$1,309	\$0,404	\$0,404	\$0,404	\$0,404	\$0,404	\$0,404	\$0,404	\$0,404
NET COST AFTER BASIS MAUMEE	\$5,427	\$5,672	\$5,806	\$5,741	\$5,636	\$5,196	\$5,111	\$5,116	\$5,116	\$5,123	\$5,098	\$5,118	\$5,118
NET COST AFTER BASIS DOWNINGTON	\$6,482	\$6,727	\$6,861	\$6,796	\$6,691	\$5,346	\$5,256	\$5,261	\$5,266	\$5,273	\$5,248	\$5,268	\$5,268
<b>FIXED</b>													
COLUMBIA FTS DEMAND	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035	3,035
ALGONQUIN DEMAND	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
<b>VARIABLE</b>													
COLUMBIA USAGE	92,229	95,303	95,303	86,081	95,303	92,229	95,303	60,871	49,558	47,652	66,405	95,303	95,303
ALGONQUIN USAGE	90,000	93,000	93,000	84,000	93,000	90,000	93,000	59,400	48,360	46,500	64,800	93,000	93,000
PURCHASE VOLUMES MAUMEE	75,430	78,394	78,394	70,807	78,394	75,430	77,944	49,784	40,531	38,972	54,310	77,944	77,944
PURCHASE VOLUMES DOWNINGTON	15,086	15,679	15,679	14,161	15,679	15,086	15,589	9,957	8,106	7,794	10,862	15,589	15,589
DELIVERED VOLUMES MAUMEE	75,000	77,500	77,500	70,000	77,500	75,000	77,500	49,500	40,300	38,750	54,000	77,500	77,500
DELIVERED VOLUMES DOWNINGTON	15,000	15,500	15,500	14,000	15,500	15,000	15,500	9,900	8,060	7,750	10,800	15,500	15,500
<b>COLUMBIA FUEL</b>													
ALGONQUIN AFT-E FUEL	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%	2.417%
	0.570%	1.140%	1.140%	1.140%	1.140%	0.570%	0.570%	0.570%	0.570%	0.570%	0.570%	0.570%	0.570%
<b>FIXED</b>													
COLUMBIA FTS DEMAND	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890	\$18,890
ALGONQUIN DEMAND	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756	\$19,756
<b>VARIABLE</b>													
COLUMBIA USAGE	\$1,439	\$1,439	\$1,439	\$1,393	\$1,439	\$1,393	\$1,439	\$919	\$748	\$720	\$1,003	\$1,439	\$20,214
ALGONQUIN USAGE	\$1,609	\$1,609	\$1,609	\$1,453	\$1,609	\$1,557	\$1,609	\$1,028	\$837	\$804	\$1,121	\$1,609	\$23,339
PURCHASE COST MAUMEE	\$409,365	\$444,656	\$455,160	\$406,510	\$441,833	\$391,940	\$397,990	\$254,449	\$207,360	\$199,658	\$276,875	\$398,925	\$5,425,469
PURCHASE COST DOWNINGTON	\$97,790	\$105,474	\$107,575	\$96,244	\$104,910	\$80,650	\$81,935	\$52,382	\$42,687	\$41,100	\$57,003	\$82,122	\$1,184,946
<b>TOTAL FIXED</b>													
TOTAL VARIABLE	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$38,647	\$618,688
	\$510,105	\$553,178	\$565,783	\$505,507	\$549,791	\$475,540	\$482,973	\$308,778	\$251,632	\$242,282	\$336,002	\$484,095	\$6,653,967
<b>DELIVERED VOLUMES AT NYMEX</b>													
NET NON-GAS VARIABLE COST	\$465,570	\$503,874	\$516,336	\$460,908	\$500,526	\$444,780	\$451,236	\$288,506	\$235,126	\$226,409	\$313,891	\$452,352	\$6,155,748
AVERAGE NON-GAS VARIABLE COST	\$44,535	\$49,304	\$49,447	\$44,599	\$49,265	\$30,760	\$31,737	\$20,272	\$16,506	\$15,873	\$22,111	\$31,743	\$0.378
<b>AVERAGE FIXED COST</b>													
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
TOTAL PATH COST	\$12,889	\$0,424	\$0,802										

Gas Year 2003 - 2004  
TENNESSEE ZONE 1 TO CITY GATE  
CITY GATE DELIVERED MDQ = 5,000 DTH

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
<b>FIXED</b>	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$15,200	\$152,000
<b>VARIABLE</b>	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$0,156	\$1,560
TENNESSEE ZONE 1 TO 6 DEMAND	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,864	\$4,844	\$4,864	\$48,644
NYMEX strip 8/18/03	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$0,099)	(\$1,099)
SUPPLY AREA BASIS (3 yr average)	\$5,074	\$5,319	\$5,453	\$5,388	\$5,283	\$4,843	\$4,753	\$4,758	\$4,763	\$4,770	\$4,745	\$4,765	\$47,655
NET COST AFTER BASIS	\$5,074	\$5,319	\$5,453	\$5,388	\$5,283	\$4,843	\$4,753	\$4,758	\$4,763	\$4,770	\$4,745	\$4,765	\$47,655
<b>FIXED</b>	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000
<b>VARIABLE</b>	228,889	236,519	236,519	221,259	236,519	226,069	233,604	226,069	233,604	233,604	226,069	233,604	2,336,044
TENNESSEE ZONE 1 TO 6 DEMAND	228,889	236,519	236,519	221,259	236,519	226,069	233,604	226,069	233,604	233,604	226,069	233,604	2,336,044
PURCHASE VOLUMES	210,990	218,023	218,023	203,957	218,023	210,990	218,023	210,990	218,023	218,023	210,990	218,023	2,180,233
DELIVERED VOLUMES													
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%	6.67%
<b>TRANSPORTATION COST</b>													
<b>FIXED</b>	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$760,000
<b>VARIABLE</b>	\$35,798	\$36,992	\$36,992	\$34,605	\$36,992	\$35,357	\$36,536	\$35,357	\$36,536	\$36,536	\$35,357	\$36,536	\$365,357
TENNESSEE ZONE 1 TO 6 DEMAND	\$1,161,403	\$1,258,063	\$1,289,757	\$1,192,165	\$1,249,548	\$1,094,870	\$1,110,341	\$1,075,654	\$1,112,677	\$1,114,313	\$1,072,715	\$1,113,145	\$11,131,455
PURCHASE COST													
TOTAL FIXED	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$760,000
TOTAL VARIABLE	\$1,197,201	\$1,295,055	\$1,326,749	\$1,226,770	\$1,286,540	\$1,130,227	\$1,146,877	\$1,111,011	\$1,149,213	\$1,150,848	\$1,108,072	\$1,149,680	\$11,496,806
DELIVERED VOLUMES AT NYMEX	\$1,091,451	\$1,181,249	\$1,210,464	\$1,119,112	\$1,173,400	\$1,042,713	\$1,057,848	\$1,024,778	\$1,060,078	\$1,061,554	\$1,022,036	\$1,060,464	\$10,628,873
NET NON-GAS VARIABLE COST	\$105,750	\$113,806	\$116,284	\$107,658	\$113,140	\$87,515	\$89,029	\$86,233	\$89,185	\$89,294	\$86,037	\$89,216	\$892,133
AVERAGE NON-GAS VARIABLE COST	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
AVERAGE FIXED COST	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
TOTAL PATH COST	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$15,205	\$152,050
	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$0,500	\$5,000
	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$0,927	\$9,270

Gas Year 2003 - 2004  
ALGONQUIN CITY GATE  
CITY GATE DELIVERED MDQ = 2,714 DTH

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	TOTAL
<b>FIXED</b>	\$6,585	\$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-E DEMAND	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
<b>VARIABLE</b>	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017	\$0,017
ALGONQUIN AFT-E USAGE	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
NYMEX strip 8/18/03	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864	\$4,864
SUPPLY AREA BASIS (3 yr average)	\$1,203	\$1,203	\$1,203	\$1,203	\$1,203	\$0,325	\$0,325	\$0,325	\$0,325	\$0,325	\$0,325	\$0,325	\$0,325
NET COST AFTER BASIS	\$6,376	\$6,621	\$6,755	\$6,690	\$6,585	\$5,267	\$5,177	\$5,182	\$5,187	\$5,194	\$5,169	\$5,189	\$5,189
<b>BILLING UNITS</b>													
<b>FIXED</b>	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	43,424
ALGONQUIN AFT-E DEMAND	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth
<b>VARIABLE</b>	46,838	67,434	85,078	76,845	62,887	43,954	37,773	37,773	36,261	30,218	30,974	39,284	732,056
ALGONQUIN AFT-E USAGE	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth	Dth
PURCHASE VOLUMES	46,838	67,434	85,078	76,845	62,887	43,954	37,773	37,773	35,261	30,218	30,974	39,284	732,056
DELIVERED VOLUMES	46,454	66,685	84,134	75,992	62,189	43,457	37,463	37,463	35,964	29,970	30,720	38,962	725,069
ALGONQUIN AFT-E FUEL	%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
<b>TRANSPORTATION COST</b>													
<b>FIXED</b>	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$285,964
ALGONQUIN AFT-E DEMAND	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>VARIABLE</b>	\$810	\$1,167	\$1,472	\$1,329	\$1,088	\$760	\$653	\$653	\$627	\$523	\$536	\$680	\$12,870
ALGONQUIN AFT-E USAGE	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
PURCHASE COST	\$298,640	\$446,477	\$574,704	\$514,093	\$414,111	\$231,504	\$195,549	\$195,738	\$188,088	\$156,951	\$160,105	\$203,845	\$4,099,225
<b>TOTAL FIXED</b>	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$17,873	\$285,964
<b>TOTAL VARIABLE</b>	\$299,450	\$447,644	\$576,176	\$515,422	\$415,199	\$232,264	\$196,203	\$196,392	\$188,715	\$157,474	\$160,640	\$204,525	\$4,112,095
DELIVERED VOLUMES AT NYMEX	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
NET NON-GAS VARIABLE COST	\$240,307	\$361,299	\$467,112	\$416,968	\$334,701	\$214,764	\$181,770	\$181,958	\$174,857	\$145,924	\$148,808	\$189,511	\$3,534,489
AVERAGE NON-GAS VARIABLE COST	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
AVERAGE FIXED COST	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
AVERAGE COST AT 100% LOAD FACTOR	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth	\$/Dth
<b>TOTAL PATH COST</b>	\$59,143	\$86,345	\$109,064	\$98,454	\$80,498	\$17,500	\$14,432	\$14,434	\$13,858	\$11,550	\$11,833	\$15,014	\$0,797
	\$6,585												\$6,585
	\$0,217												\$0,217
	\$1,013												\$1,013



2004 GCR PROJECTED PRICES  
UNIT PRICES

CALCULATION OF SYSTEM WEIGHTED AVERAGE DEMAND COSTS

SUPPLIER FIXED COST BILLING UNITS	NOV-03	DEC	JAN-04	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total
ANE	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	\$7,006,576
ANE OPS DEMAND	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	\$1,427,844
BP	450,000	465,000	465,000	435,000	465,000	450,000	465,000	450,000	465,000	465,000	450,000	465,000	\$1,172,446
DISTRIGAS FCS	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	5,300	\$130,350
<b>TOTAL SUPPLIER DEMAND COSTS</b>													\$94,195
<b>TOTAL PIPELINE DEMAND COSTS</b>													\$1,883,382
<b>TOTAL DEMAND COSTS</b>													\$3,606,222
<b>100% LOAD FACTOR UNIT VALUE \$/Dth</b>													\$411,750
<b>AVERAGE SYSTEM VARIABLE UNIT VALUE \$/Dth</b>													\$1,693,350
<b>TOTAL AVERAGE SYSTEM UNIT VALUE \$/Dth</b>													\$2,105,100

NEW ENGLAND GAS COMPANY - RI COMPANIES  
2004 GCR (PATH PRICING SCENARIO)  
NORMAL WEATHER SCENARIO

New Energy Associates, LLC  
SENDOUT@ Version 9.0.2 REP013 25-Aug-2003  
Report 13 15:20:04

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	Natural Gas Supply VS. Requirements												TOTAL
	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	
Forecast Demand													
RI FIRM NORM	2,815,290	4,260,880	5,153,514	4,641,494	3,825,933	2,268,891	1,270,540	856,838	810,725	810,725	889,160	1,687,360	29,291,350
FT-1 NORMAL	241,066	321,902	296,327	314,959	288,674	182,420	115,078	77,740	77,614	87,023	91,205	146,931	2,240,939
FT-2 NORMAL	64,597	97,766	118,247	106,499	87,786	52,060	29,152	19,660	18,400	18,400	20,180	38,296	671,043
Total Demand	3,120,953	4,680,548	5,568,088	5,062,952	4,202,393	2,503,371	1,414,770	954,238	906,739	916,148	1,000,545	1,872,587	32,203,332
Storage Injections													
TENN_8995	0	0	0	0	0	0	0	0	26,632	0	0	0	26,632
TENN_501	0	0	0	0	0	1,292	80,902	113,754	99,281	110,758	37,613	55,783	499,383
GSSTE_600003	0	0	0	0	0	139,834	144,357	139,834	144,357	144,357	85,550	126,253	924,542
GSSTE_600042	0	0	0	0	0	0	5,320	3,230	1,917	3,420	1,174	1,760	16,821
GSS_600018	0	0	0	0	0	0	31,365	31,907	33,750	33,750	12,560	16,224	159,556
GSS_300123	0	0	0	0	0	0	0	6,330	5,409	4,629	1,488	2,232	20,088
GSS_300140	0	0	0	0	0	0	11,429	30,878	31,878	31,878	10,121	14,743	130,927
GSS 300142	0	0	0	0	0	0	2,794	89,017	123,122	119,857	32,214	46,925	413,929
GSS 300144	0	0	0	0	0	0	5,099	12,641	13,041	7,041	5,519	5,519	67,000
GSS 300143	0	0	0	0	0	0	18,140	18,900	17,000	8,400	6,000	9,000	81,000
TETCO_400221	0	0	0	0	0	0	21,700	18,900	196,284	196,284	85,215	66,923	971,077
TETCO_400515	0	0	0	0	0	0	196,284	190,177	9,021	9,021	3,398	5,098	45,878
TETCO 400185	0	0	0	0	0	0	9,021	8,730	5,000	3,119	3,119	4,679	44,711
NF ESS 1488	0	0	0	0	0	0	15,500	13,294	0	0	0	0	0
COL FS 38010	0	0	0	0	0	0	0	0	0	48,016	13,044	15,170	175,444
LNG EXETER	26,500	26,000	0	0	0	0	0	48,807	18,500	18,500	28,000	10,000	148,100
LNG PROV	27,500	29,800	52,023	49,164	55,800	54,000	25,800	16,400	37,300	0	0	45,800	393,587
LNG VALLEY	12,224	23,786	0	0	0	0	0	2,500	12,198	25,250	21,200	12,750	109,908
VGC PROPANE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Injection	66,224	79,586	52,023	49,164	55,800	241,724	562,612	746,999	825,097	764,280	346,215	438,859	4,228,583
Total Req	3,187,177	4,760,134	5,620,111	5,112,116	4,258,193	2,745,095	1,977,382	1,701,237	1,731,836	1,680,428	1,346,760	2,311,446	36,431,915

avg system variable cost

Sources of Supply	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	TOTAL
TENNZN 0 PGC	81,270	91,977	91,977	86,043	91,977	89,010	91,977	89,010	91,977	91,977	89,010	91,977	1,078,182
TENNZN 1 PGC	210,990	218,023	218,023	203,957	218,023	210,990	218,023	210,990	218,023	218,023	210,990	218,023	2,574,078
TENN_DRACUT	148,500	306,900	306,900	287,100	306,900	450,000	153,450	148,500	153,450	153,450	148,500	153,450	2,563,650
TETCO_STX	391,382	409,138	409,138	369,544	409,138	333,382	243,344	21,781	78,341	33,206	0	389,280	3,087,674
TETCO_ELA	365,903	261,581	434,372	399,902	434,372	226,718	240,842	234,357	227,615	229,012	224,435	228,113	3,507,222
TETCO_WLA	184,824	215,884	194,992	194,992	215,884	68,295	116,937	113,165	144,778	146,998	142,256	163,008	1,922,905
TETCO_ETX	223,920	231,384	231,384	208,992	231,384	223,920	231,384	223,920	231,384	231,384	148,063	231,384	2,648,503
TETCO_NF	0	0	9,699	9,073	0	0	0	0	0	0	0	0	18,772
HUBLINE	73,286	10,721	115,648	129,012	69,018	137,865	139,500	135,000	139,500	139,500	135,000	139,500	1,363,550
M3_DELIVERED	0	20,031	24,614	28,257	0	0	0	0	0	0	0	0	72,902
MAUMEE_SUPP	890,550	920,235	920,235	831,180	920,235	255,673	45,962	32,290	38,400	32,000	12,237	18,356	4,917,353
BROADRUN_COL	183,770	306,745	306,745	277,060	306,745	0	0	0	0	0	0	0	1,381,065
COLUMBIA_AGT	0	5,846	0	31,213	0	0	0	0	0	0	0	0	37,059
TRANSCO_DOM	0	4,185	4,185	3,780	3,375	0	0	0	0	0	0	0	15,525
TRAN_WHART	18,139	1,953	1,953	1,764	1,575	0	0	0	0	0	0	0	25,384
TETCO_B&W	0	11,463	18,445	34,990	30,885	0	0	0	0	0	0	0	95,783
TETCO TO DOMINION B&W	0	0	0	0	0	0	0	0	0	0	0	0	0
TEXASGAS_DOM	0	23,436	23,436	21,168	18,900	0	0	0	0	0	0	0	86,940
ANE	30,000	31,000	31,000	29,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000	366,000
NIAGARA	29,876	33,077	33,077	29,876	26,675	32,010	33,077	32,010	33,077	33,077	32,010	33,077	380,919
TENNZN 0 VGC	193,950	200,415	200,415	186,490	200,415	193,950	200,415	193,950	200,415	200,415	105,559	200,415	2,276,804
TENNZN 1 VGC	49,678	398,970	398,970	360,360	398,970	386,100	184,436	176,214	54,643	76,486	0	325,163	2,809,990
DISTR FCS VG	21,273	164,300	164,300	153,700	140,313	17,232	0	2,500	12,198	25,250	21,200	12,750	735,016
WESTERLY LNG	0	1,120	3,534	2,926	0	0	0	0	0	0	0	0	7,580
NEWPORT LNG	0	116	243	110	0	0	0	0	0	0	0	0	469
LNG_REFILL	54,000	55,800	55,800	52,200	55,800	54,000	25,800	37,000	55,800	18,500	28,000	55,800	548,500
Total Take	3,151,311	3,924,300	4,219,977	3,932,689	3,958,134	2,709,145	1,956,147	1,680,687	1,710,601	1,660,278	1,327,260	2,291,296	32,521,825
Storage Withdrawals													
TENN 8995	6,960	7,192	6,960	6,728	7,192	0	0	0	0	0	0	0	35,032
TENN 501	0	119,054	133,790	127,629	43,266	0	0	0	0	0	0	0	423,739
GSSTE 600003	0	262,852	267,654	250,386	113,907	0	0	0	0	0	0	0	894,799
GSSTE 600042	0	2,951	5,549	5,191	0	978	0	0	0	0	0	0	14,669
GSS 600018	0	4,406	76,167	51,597	0	0	0	0	0	0	0	0	132,170
GSS 300123	0	6,524	7,223	6,757	576	0	0	0	0	0	0	0	21,080
GSS 300140	0	27,821	40,765	38,135	1,315	0	0	0	0	0	0	0	107,836
GSS 300141	0	36,398	158,534	148,306	0	0	0	0	0	0	0	0	343,238
GSS 300142	0	22,154	23,653	22,127	871	0	0	0	0	0	0	0	68,805
GSS 300143	0	26,292	29,109	27,231	2,368	0	0	0	0	0	0	0	85,000
TETCO 400221	0	223,564	308,889	297,009	102,172	0	0	0	0	0	0	0	931,634
TETCO 400515	0	10,762	14,726	14,160	0	0	0	0	0	0	0	0	39,648
TETCO 400185	0	9,884	13,517	12,998	2,600	0	0	0	0	0	0	0	38,999
NF ESS 1488	8,356	8,335	8,525	7,975	7,157	1,624	0	0	0	0	0	0	41,972
COL FS 38010	0	22,556	76,074	66,637	0	10,198	0	0	0	0	0	0	175,465
LNG EXETER	3,000	3,100	59,800	2,900	3,100	3,000	3,100	3,000	3,100	3,100	3,000	3,100	93,300
LNG PROV	15,000	39,554	121,050	87,261	15,000	15,000	15,500	15,000	15,500	15,500	15,000	15,500	385,365
LNG VALLEY	2,550	2,635	36,949	6,400	2,635	2,550	2,635	2,550	2,635	1,550	1,500	1,550	66,139
VGC PROPANE	0	0	11,200	0	0	0	0	0	0	0	0	0	11,200
Total Withdrawals	35,866	835,834	1,400,134	1,179,427	300,059	35,950	21,235	20,550	21,235	20,150	19,500	20,150	3,910,090
Total Supply	3,187,177	4,760,134	5,620,111	5,112,116	4,258,193	2,745,095	1,977,382	1,701,237	1,731,836	1,680,428	1,346,760	2,311,446	36,431,915

avg system variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864
<b>DELIVERED SUPPLY COST</b>												
<b>TENNESSEE ZN 0</b>												
Basis	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)	(0.154)
usage	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669	0.1669
fuel	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%	8.71%
Total Delivered	5.6809	5.9493	6.0961	6.0249	5.9099	5.3523	5.2550	5.2604	5.2658	5.2734	5.2464	5.2680
<b>TENNESSEE ZN 1</b>												
Basis	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)	(0.099)
usage to Zn 6	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564	0.1564
usage to Zn 4	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090
fuel to Zn 6	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%
fuel to Zn 4	5.90%	5.90%	5.90%	5.90%	5.90%	5.06%	5.06%	5.06%	5.06%	5.06%	5.06%	5.06%
Total Delivered	5.6742	5.9400	6.0854	6.0148	5.9009	5.3568	5.2603	5.2657	5.2711	5.2786	5.2518	5.2732
Injection Charge	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102	0.0102
Injection Fuel	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%	1.49%
Total Injection Cost	5.7145	5.9791	6.1237	6.0536	5.9402	5.4159	5.3196	5.3250	5.3303	5.3378	5.3111	5.3325
<b>TENNESSEE DRACUT</b>												
Basis	1.1700	1.1700	1.1700	1.1700	1.1700	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
usage	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703	0.0703
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	6.4709	6.7181	6.8533	6.7877	6.6818	5.3578	5.2671	5.2721	5.2772	5.2842	5.2590	5.2792
<b>TETCO STX</b>												
Basis	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)	(0.177)
Usage to M3	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838	0.0838
Usage to M2	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676	0.0676
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to M3	9.04%	10.86%	10.86%	10.86%	10.86%	9.04%	9.04%	9.04%	9.04%	9.04%	9.04%	9.04%
Fuel to M2	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.6386	6.0701	6.2224	6.1485	6.0292	5.3830	5.2835	5.2890	5.2945	5.3023	5.2746	5.2967
Injection cost Dom	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207
Injection Fuel Dom	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%
Total Injection cost	5.8128	6.2210	6.3770	6.3013	6.1791	5.5495	5.4469	5.4526	5.4583	5.4663	5.4378	5.4606
Usage to M2/M3	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741	0.0741
Fuel to M2/M3	8.46%	10.09%	10.09%	10.09%	10.09%	8.46%	8.46%	8.46%	8.46%	8.46%	8.46%	8.46%
Injection cost Tetco	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365
Injection Fuel Tetco	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%
Total Injection cost	5.6312	6.0726	6.2244	6.1508	6.0318	5.4217	5.3218	5.3273	5.3329	5.3406	5.3129	5.3351
<b>TETCO WLA</b>												
Basis	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)	(0.101)
Usage to M3	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785	0.0785
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to M3	8.37%	9.96%	9.96%	9.96%	9.96%	8.37%	8.37%	8.37%	8.37%	8.37%	8.37%	8.37%
Fuel on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.6749	6.0883	6.2391	6.1659	6.0478	5.4212	5.3223	5.3278	5.3333	5.3410	5.3136	5.3355

avg system variable cost



	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5.173	\$5.418	\$5.552	\$5.487	\$5.382	\$4.942	\$4.852	\$4.857	\$4.862	\$4.869	\$4.844	\$4.864
TETCO ELA	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Basis	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762
Usage to M3	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel to M3	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6756	6.0809	6.2310	6.1582	6.0406	5.4227	5.3242	5.3297	5.3352	5.3428	5.3155	5.3373
Total Delivered												
<b>TETCO ETX</b>	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)	(0.136)
Basis	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762	0.0762
Usage to M3	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel to M3	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6160	6.0200	6.1700	6.0972	5.9796	5.3631	5.2646	5.2701	5.2756	5.2832	5.2559	5.2777
Total Delivered												
<b>TETCO TO NF</b>	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Basis	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062	0.3062
Usage to M2	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090
Usage on NF	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408
Usage on Transco	7.41%	8.28%	8.28%	8.28%	8.28%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%
Fuel to M2	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Fuel on NF	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%
Fuel on Transco	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	6.3471	6.7301	6.8826	6.8086	6.6891	6.0884	5.9876	5.9932	5.9988	6.0067	5.9787	6.0011
Total Delivered	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139
Injection cost	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Injection Fuel	5.6453	5.9731	6.1225	6.0500	5.9330	5.3903	5.2909	5.2965	5.3020	5.3097	5.2821	5.3042
Total Injection cost												
<b>M3 DELIVERED</b>	1.301	1.301	1.301	1.301	1.301	0.39	0.39	0.39	0.39	0.39	0.39	0.39
Basis	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	6.53	6.81	6.95	6.88	6.78	5.38	5.29	5.29	5.30	5.30	5.28	5.30
Total Delivered												
<b>MAUMEE SUPPLY</b>	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254
Basis	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151
Usage on Columbia	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Usage on AGT	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
Fuel on Columbia	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Fuel on AGT	5.6276	5.9149	6.0538	5.9864	5.8775	5.3895	5.2967	5.3018	5.3070	5.3142	5.2884	5.3091
Total Delivered	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153	0.0153
Injection cost	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%
Injection Fuel	5.6030	5.8545	5.9921	5.9254	5.8176	5.3658	5.2734	5.2786	5.2837	5.2909	5.2652	5.2858
Total Injection cost												

avg system variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 6/18/03</b>												
<b>BROADRUN COLUMBIA</b>												
Basis	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254	0.254
Usage on Columbia	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel on Columbia	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
Fuel on AGT	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.6276	5.9149	6.0538	5.9864	5.8775	5.3895	5.2967	5.3070	5.3142	5.2884	5.3091	5.3091
<b>COLUMBIA TO AGT</b>												
Basis	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038
Usage on Columbia	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151	0.0151
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel on Columbia	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
Fuel on AGT	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	6.4355	6.7276	6.8665	6.7991	6.6902	5.5256	5.4328	5.4379	5.4431	5.4503	5.4245	5.4452
<b>NATIONAL FUEL TO PGC</b>												
Basis	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544
usage on NF	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090
usage on Transco	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073
usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel on NF	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Fuel on Transco	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%	0.73%
Fuel on AGT	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.9473	6.2374	6.3768	6.3092	6.2000	5.3726	5.2795	5.2847	5.2899	5.2971	5.2713	5.2919
<b>DOMINION TO B &amp; W</b>												
Basis	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Usage on Telco to Zn 2	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
Usage on Dominion	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198
Usage on Telco	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Usage on AGT	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408
Fuel to M2	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
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 Telco	1.29%	1.76%	1.76%	1.76%	1.76%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%
Fuel on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	6.5051	6.9899	7.1485	7.0716	6.9473	6.2396	6.1362	6.1419	6.1476	6.1557	6.1270	6.1499
<b>TRANSCO TO DOMINION</b>												
Basis	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)	(0.036)
Usage on Dominion	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198
Usage to M6	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412	0.0412
Usage on Telco	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to M6	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%	4.23%
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 Telco	1.29%	1.76%	1.76%	1.76%	1.76%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%
Fuel on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.7424	6.0817	6.2309	6.1585	6.0416	5.4682	5.3891	5.3946	5.4001	5.4078	5.3803	5.4023

avg system variable cost

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>NYMEX strip 8/18/03</b>	\$5,173	\$5,418	\$5,552	\$5,487	\$5,382	\$4,942	\$4,852	\$4,857	\$4,862	\$4,869	\$4,844	\$4,864
<b>TEXAS GAS TO DOMINION</b>												
Basis	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)	(0.027)
Usage on Texas Gas	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538	0.0538
Usage on Dominion	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198	0.0198
Usage on Tetco	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Usage on AGT	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
Fuel to Dominion	3.29%	3.29%	3.29%	3.29%	3.29%	3.74%	3.74%	3.74%	3.74%	3.74%	3.74%	3.74%
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%	1.76%	1.76%	1.76%	1.76%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%
Fuel on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	5.7065	6.0419	6.1895	6.1179	6.0022	5.4818	5.3833	5.3887	5.3942	5.4019	5.3745	5.3964
<b>ANE TO TENNESSEE</b>												
Basis	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Demand	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978
Commodity	4.435	4.680	4.814	4.749	4.644	4.204	4.114	4.119	4.124	4.131	4.106	4.126
Iroquois usage	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057	0.0057
NETNE usage	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
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 on NETNE	2.17%	2.17%	2.17%	2.17%	2.17%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
Total Delivered	4.5899	4.8429	4.9813	4.9142	4.8057	4.3401	4.2474	4.2526	4.2577	4.2649	4.2392	4.2598
<b>NIAGARA TO TENNESSEE</b>												
Basis	0.544	0.544	0.544	0.544	0.544	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Tennessee Usage	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826	0.0826
Tennessee 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	5.9238	6.1741	6.3109	6.2446	6.1373	5.3437	5.2520	5.2571	5.2622	5.2693	5.2438	5.2642
<b>Tetco to B&amp;W</b>												
Basis	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)	(0.082)
Usage	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406	0.406
Usage to Zn2	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
usage on AGT	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408
fuel to Zn 3	8.08%	9.57%	9.57%	9.57%	9.57%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%	8.08%
Fuel on AGT	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
fuel to Zn2	7.41%	8.28%	8.28%	8.28%	8.28%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%	7.41%
Total Delivered	6.2810	6.7003	6.8503	6.7775	6.6599	6.0281	5.9296	5.9350	5.9405	5.9482	5.9208	5.9427
Injection cost Dom	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207	0.0207
Injection fuel Dom	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%	3.22%
Total Inj cost Dom	6.0625	6.3989	6.5504	6.4769	6.3583	5.8040	5.7033	5.7089	5.7145	5.7224	5.6944	5.7168
Injection cost Tetco	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365
Injection Fuel Tetco	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%	0.86%
Total Inj. Cost Tetco	5.9238	6.2501	6.3976	6.3261	6.2105	5.6719	5.5738	5.5793	5.5847	5.5924	5.5651	5.5869
<b>DISTRIGAS FCS</b>												
Total Delivered	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15
<b>Hubline</b>												
Basis	1.1700	1.1700	1.1700	1.1700	1.1700	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
usage	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173	0.0173
fuel	0.57%	1.14%	1.14%	1.14%	1.14%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%	0.57%
Total Delivered	6.4709	6.7181	6.8533	6.7877	6.6818	5.3578	5.2671	5.2721	5.2772	5.2842	5.2590	5.2792

avg system variable cost

Total delivered to the City Gas Supply Costs

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<b>Tennessee Zn 0</b>												
Delivered Dth	81,270	91,977	91,977	86,043	91,977	89,010	91,977	89,010	91,977	91,977	89,010	91,977
NYMEX \$/Dth Del	5.681	5.949	6.096	6.025	5.910	5.352	5.255	5.260	5.266	5.273	5.246	5.268
Total Delivered Cost	461,689	547,199	560,700	518,400	543,572	476,405	483,343	468,232	484,337	485,032	466,983	484,536
<b>TENN ZONE 1</b>												
Delivered Dth	210,990	218,023	218,023	203,957	218,023	210,990	218,023	210,990	218,023	218,023	210,990	218,023
NYMEX \$/Dth Del	5.674	5.940	5.803	6.015	5.901	5.357	5.260	5.266	5.271	5.279	5.252	5.273
Total Delivered Cost	1,197,201	1,295,055	1,221,583	1,226,770	1,286,540	1,130,227	1,146,877	1,111,011	1,149,213	1,150,848	1,108,072	1,149,680
<b>TENN DRACUT</b>												
Delivered Dth	148,500	306,900	306,900	287,100	153,450	450,000	153,450	148,500	153,450	153,450	148,500	153,450
NYMEX \$/Dth Del	6.4709	6.7181	6.8533	6.7877	6.6818	5.3578	5.2671	5.2721	5.2772	5.2842	5.2590	5.2792
Delivered Cost	960,927	2,061,782	2,103,276	1,948,752	1,025,317	2,411,029	808,232	782,909	809,780	810,863	780,962	810,089
<b>TETCO STX</b>												
Delivered Dth	391,382	409,138	409,138	369,544	409,138	333,382	243,344	21,781	78,341	33,206	0	389,280
NYMEX \$/Dth Del	5.6386	6.0701	6.2224	6.1485	6.0292	5.3830	5.2835	5.2890	5.2945	5.3023	5.2746	5.2967
Total Delivered Cost	2,206,838	2,483,519	2,545,820	2,272,154	2,466,782	1,794,602	1,285,696	115,199	414,778	176,067	0	2,061,910
<b>TETCO ELA</b>												
Delivered Dth	365,903	261,581	434,372	399,902	434,372	226,718	240,842	234,357	227,615	229,012	224,435	228,113
NYMEX \$/Dth Del	5.6756	6.0809	6.2310	6.1582	6.0406	5.4227	5.3242	5.3297	5.3352	5.3428	5.3155	5.3373
Total Delivered Cost	2,076,721	1,590,657	2,706,575	2,462,681	2,623,875	1,229,431	1,282,294	1,249,049	1,214,362	1,223,570	1,192,974	1,217,518
<b>TETCO WLA</b>												
Delivered Dth	184,824	215,884	215,884	194,992	215,884	68,295	116,937	113,165	144,778	146,998	142,256	163,008
NYMEX \$/Dth Del	5.6749	6.0883	6.2391	6.1659	6.0478	5.4212	5.3223	5.3278	5.3333	5.3410	5.3136	5.3355
Total Delivered Cost	1,048,849	1,314,372	1,346,913	1,202,309	1,305,630	370,239	622,378	602,924	772,148	785,118	755,885	869,732
<b>TETCO ETX</b>												
Delivered Dth	223,920	231,384	231,384	208,992	231,384	223,920	231,384	223,920	231,384	231,384	148,063	231,384
NYMEX \$/Dth Del	5.6160	6.0200	6.1700	6.0972	5.9796	5.3631	5.2646	5.2701	5.2756	5.2832	5.2559	5.2777
Total Delivered Cost	1,257,536	1,392,922	1,427,647	1,274,274	1,383,593	1,200,913	1,218,147	1,180,077	1,220,680	1,222,453	778,197	1,221,186
<b>TETCO - NF</b>												
Delivered Dth	0	0	9,699	9,073	0	0	0	0	0	0	0	0
NYMEX \$/Dth Del	6.3471	6.7301	6.8826	6.8086	6.6991	6.0884	5.9876	5.9932	5.9988	6.0067	5.9787	6.0011
Delivered Cost	0	0	66,754	61,775	0	0	0	0	0	0	0	0
<b>M3 DELIVERED</b>												
Delivered Dth	0	20,031	24,614	28,257	0	0	0	0	0	0	0	0
NYMEX \$/Dth Del	6.529	6.814	6.950	6.884	6.778	5.376	5.286	5.291	5.296	5.296	5.303	5.277
Delivered Cost	0	136,491	171,056	194,515	0	0	0	0	0	0	0	0

avg system variable cost

Total delivered to the City Gas Supply Costs

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<b>MAUMEE_SUPP</b>												
Delivered Dth	890,550	920,235	920,235	831,180	920,235	255,673	45,962	32,290	38,400	32,000	12,237	18,356
NYMEX \$/Dth Del	5,6276	5,9149	6,0538	5,9864	5,8775	5,3895	5,2967	5,3018	5,3070	5,3142	5,2884	5,3091
Delivered Cost	5,011,641	5,443,075	5,570,935	4,975,793	5,408,725	1,377,941	243,447	171,197	203,789	170,055	64,715	97,453
<b>BROADRUN_COL</b>												
Delivered Dth	183,770	306,745	306,745	277,060	306,745	0	0	0	0	0	0	0
NYMEX \$/Dth Del	5,6276	5,9149	6,0538	5,9864	5,8775	5,3895	5,2967	5,3018	5,3070	5,3142	5,2884	5,3091
Delivered Cost	1,034,180	1,856,978	1,856,978	1,658,598	1,802,908	0	0	0	0	0	0	0
<b>COLUMBIA_AGT</b>												
Delivered Dth	0	5,846	0	31,213	0	0	0	0	0	0	0	0
NYMEX \$/Dth Del	6,4355	6,7276	6,8665	6,7991	6,6902	5,5256	5,4328	5,4379	5,4431	5,4503	5,4245	5,4452
Delivered Cost	0	39,329	0	212,221	0	0	0	0	0	0	0	0
<b>TRANS WHARTON</b>												
Delivered Dth	18,139	1,953	1,953	1,764	1,575	0	0	0	0	0	0	0
NYMEX \$/Dth Del	5,9473	6,2374	6,3768	6,3092	6,2000	5,3726	5,2795	5,2847	5,2899	5,2971	5,2713	5,2919
Delivered Cost	107,878	12,182	12,454	11,129	9,765	0	0	0	0	0	0	0
<b>TRANSCO TO DOMINION</b>												
Delivered Dth	0	4,185	4,185	3,780	3,375	0	0	0	0	0	0	0
NYMEX \$/Dth Del	5,7424	6,0817	6,2309	6,1585	6,0416	5,4882	5,3891	5,3946	5,4001	5,4078	5,3803	5,4023
Delivered Cost	0	25,452	26,076	23,279	20,390	0	0	0	0	0	0	0
<b>TEXAS GAS TO DOMINION</b>												
Delivered Dth	0	23,436	23,436	21,168	18,900	0	0	0	0	0	0	0
NYMEX \$/Dth Del	5,7065	6,0419	6,1895	6,1179	6,0022	5,4818	5,3833	5,3887	5,3942	5,4019	5,3745	5,3964
Delivered Cost	0	141,598	145,068	129,504	113,442	0	0	0	0	0	0	0
<b>ANE TO TENNESSEE</b>												
Delivered Dth	30,000	31,000	31,000	29,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000
NYMEX \$/Dth Del	4,5899	4,8429	4,9813	4,9142	4,8057	4,3401	4,2474	4,2526	4,2577	4,2649	4,2392	4,2598
Delivered Cost	137,697	150,131	154,421	142,511	148,978	130,204	131,670	127,577	131,989	132,213	127,176	132,053
<b>NIAGARA TO TENNESSEE</b>												
Delivered Dth	29,876	33,077	33,077	29,876	26,675	32,010	33,077	32,010	33,077	33,077	32,010	33,077
NYMEX \$/Dth Del	5,9238	6,1741	6,3109	6,2446	6,1373	5,3437	5,2520	5,2571	5,2622	5,2693	5,2438	5,2642
Delivered Cost	176,981	204,220	208,747	186,562	163,713	171,052	173,720	168,280	174,057	174,293	167,856	174,125
<b>TETCO TO B&amp;W</b>												
Delivered Dth	0	11,463	18,445	34,990	30,885	0	0	0	0	0	0	0
NYMEX \$/Dth Del	6,2810	6,7003	6,8503	6,7775	6,6599	6,0281	5,9296	5,9350	5,9405	5,9482	5,9208	5,9427
Delivered Cost	0	76,805	126,354	237,146	205,692	0	0	0	0	0	0	0

avg system variable cost

**Total delivered to the City Gas Supply Costs**

	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
<b>TENNESSEE ZONE 0 VG</b>												
Delivered Dth	193,950	200,415	200,415	186,490	200,415	193,950	200,415	193,950	200,415	200,415	105,559	200,415
NYMEX \$/Dth Del	5.6809	5.9493	6.0961	6.0249	5.9099	5.3523	5.2550	5.2604	5.2658	5.2734	5.2464	5.2680
Delivered Cost	1,101,817	1,192,330	1,221,748	1,123,582	1,184,427	1,038,071	1,053,190	1,020,264	1,055,355	1,056,870	553,805	1,055,788
<b>TENNESSEE ZONE 1 VG</b>												
Delivered Dth	49,678	398,970	398,970	360,360	398,970	386,100	184,436	176,214	54,643	76,486	0	325,163
NYMEX \$/Dth Del	5.674	5.940	6.085	6.015	5.901	5.357	5.260	5.266	5.271	5.279	5.252	5.273
Delivered Cost	281,883	2,369,878	2,427,875	2,167,509	2,354,297	2,068,253	970,198	927,891	288,027	403,736	0	1,714,652
<b>DISTRIGAS FCS</b>												
Delivered Dth	21,273	164,300	164,300	153,700	140,313	17,232	0	2,500	12,198	25,250	21,200	12,750
NYMEX \$/Dth Del	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514	5.1514
Delivered Cost	109,585	846,371	846,371	791,767	722,805	88,769	0	12,878	62,836	130,072	109,209	65,680
<b>HUBLINE</b>												
Delivered Dth	73,286	10,721	115,648	129,012	69,018	137,865	139,500	135,000	139,500	139,500	135,000	139,500
NYMEX \$/Dth Del	6.471	6.718	6.853	6.788	6.662	5.368	5.267	5.272	5.277	5.284	5.259	5.279
Delivered Cost	474,226	72,025	792,570	875,696	461,162	738,659	734,756	711,735	736,163	737,148	709,965	736,445
Pipeline Purchases	3,097,311	3,867,264	4,160,400	3,877,453	3,902,334	2,655,145	1,930,347	1,643,687	1,654,801	1,641,778	1,299,260	2,235,496
Cost of Pipeline Purchases	17,645,650	23,209,752	25,539,911	23,696,925	23,231,615	14,225,794	10,153,949	8,649,224	8,717,514	8,668,339	6,815,798	11,790,847
\$/Dth	5.70	6.00	6.14	6.11	5.95	5.36	5.26	5.26	5.27	5.27	5.25	5.27
NYMEX value of Pipeline Purchases	16,022,390	20,952,836	23,098,541	21,275,585	21,002,362	13,121,727	9,366,044	7,983,388	8,045,642	7,993,817	6,293,615	10,873,453
Non Gas Cost												
Average \$/Dth non-gas cost												
												166,029,399
												16,305,919
												0.510

**Operational Parameters**  
**Non-Daily Metered FT-2 Storage and Peaking Resources**

The following Operational Parameters are pursuant to RIPUC NEGC No. 101, Section 5, Schedule E:

Effective Period: November 1, 2003 through October 31, 2004

Underground Storage:

Maximum Inventory Level at any time is 100% of Aggregation Pool's MSQ-U

Minimum Inventory Levels:

November 1st	98%
December 1st	90%
January 1st	73%
February 1st	48%
March 1st	27%
April 1st	10%

Maximum Monthly Withdrawals expressed as percentage of MSQ-U:

November	10%
December	23%
January	25%
February	23%
March	22%

Maximum Daily Withdrawals:

Level of Storage Inventory Expressed as % of MSQ-U	Allowable Daily Withdrawal Expressed as % of MDQ-U
>35% to 100%	100%
>25% to 35%	85%
>10% to 25%	68%
>0% to 10%	50%

Maximum Daily Injections expressed as percentage of MDQ-U:

April - September	55%
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Peaking Inventory:

Injections are not allowed.  
Inventory Level allocated on November 1, 2001 = MSQ-P

Minimum Inventory Levels:

	<u>Minimum</u>
November 1st	100%
January 1st	81%
February 1st	42%
March 1st	14%
April 1st	8%

Maximum Daily Withdrawals = MDQ-P

MSQ-U Maximum Storage Quantity - Underground  
MDQ-U Maximum Daily Quantity - Underground  
MSQ-P Maximum Storage Quantity - Peaking  
MDQ-P Maximum Daily Quantity - Peaking



**NEW ENGLAND GAS COMPANY**  
**TRANSPORTATION DEFAULT SERVICE**

Price Sheet

As indicated in Item 2.04.0 of Section 5, Schedule E of the Company's Transportation Terms and Conditions, two Default Transportation Services are available in the event that a marketer stops delivering gas on behalf of Large and Extra Large FT-1 customers who have elected to forgo the Company's assignment of pipeline capacity:

**Short-Notice Service:**

The commodity charge for Short-Notice service shall be the higher of:

OR

- a. The Company's applicable firm sales rate
- b. Winter (November – March) – 135% of the Daily Algonquin Citygates average price or 135% of the Daily Tennessee Zone 6 (delivered) average price published in Gas Daily. The citygate (Algonquin or Tennessee) used for pricing shall be based on the customer's location, load characteristics and distribution system requirements in accordance with Item 1.08.1 of the Company's Transportation Terms and Conditions. The published price will be converted to Ccf and adjusted for Company Fuel Allowance and GET as appropriate.

Summer (April – October) – 115% of the Daily Algonquin Citygates average price or 115% of the Daily Tennessee Zone 6 (delivered) average price published in Gas Daily. The citygate (Algonquin or Tennessee) used for pricing shall be based on the customer's location, load characteristics and distribution system requirements in accordance with Item 1.08.1 of the Company's Transportation Terms and Conditions. The published price will be converted to Ccf and adjusted for Company Fuel Allowance and GET as appropriate.

**Advance-Notice Service:**

The commodity charge for Advance-Notice service shall be the higher of:

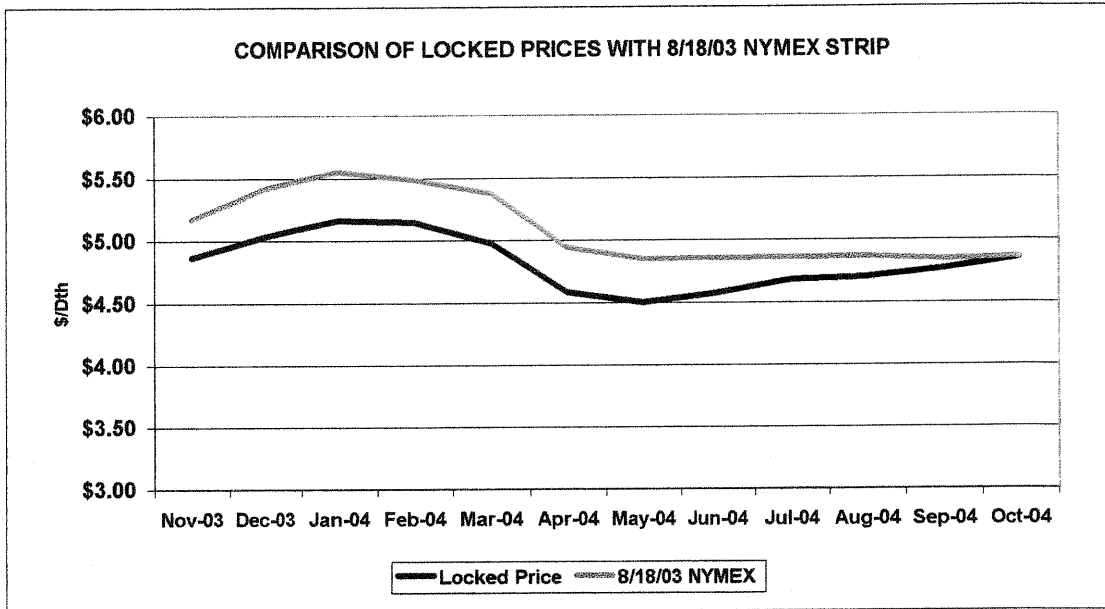
**NEW ENGLAND GAS COMPANY**  
**TRANSPORTATION DEFAULT SERVICE**

OR

- a. The Company's applicable firm sales rate
- b. Winter (November – March) – 135% of the Algonquin Citygates Monthly Contract Index price or 135% of the Tennessee Zone 6 (delivered) Monthly Contract Index price published in the Gas Daily Price Guide. The citygate (Algonquin or Tennessee) used for pricing shall be based on the customer's location, load characteristics and distribution system requirements in accordance with Item 1.08.1 of the Company's Transportation Terms and Conditions. The published price will be converted to Ccf and adjusted for Company Fuel Allowance and GET as appropriate.

Summer (April – October) – 115% of the Algonquin Citygates Monthly Contract Index price or 115% of the Tennessee Zone 6 (delivered) Monthly Contract Index price published in the Gas Daily Price Guide. The citygate (Algonquin or Tennessee) used for pricing shall be based on the customer's location, load characteristics and distribution system requirements in accordance with Item 1.08.1 of the Company's Transportation Terms and Conditions. The published price will be converted to Ccf and adjusted for Company Fuel Allowance and GET as appropriate.

The Company and Default Transportation Service supplier shall review the pricing of these services annually and file any necessary revisions with the Commission concurrent with the Company's annual Gas Charge Clause filing.



**Summary of Gas Purchasing Program**  
**All Transactions Through August 15, 2003**  
**New England Gas Company - Rhode Island**

<u>Month</u>	<u>Monthly Forecasted Volumes-Dth</u>	<u>Monthly "Locked" Volumes-Dth</u>	<u>Percent "Locked"</u>	<u>Average Wellhead/ NYMEX Price</u>	<u>Total Cost of Purchases</u>
Nov-03	2,881,377	1,704,000	59%	\$4.8675	\$8,294,280
Dec-03	3,590,853	1,891,000	53%	\$5.0376	\$9,526,083
Jan-04	3,872,675	1,872,400	48%	\$5.1639	\$9,668,869
Feb-04	3,614,628	1,476,100	41%	\$5.1500	\$7,601,886
Mar-04	3,677,545	1,326,800	36%	\$4.9794	\$6,606,612
Apr-04	2,455,331	942,000	38%	\$4.5835	\$4,317,615
May-04	1,713,502	558,000	33%	\$4.5044	\$2,513,480
Jun-04	1,633,112	432,000	26%	\$4.5748	\$1,976,325
Jul-04	1,614,191	390,600	24%	\$4.6829	\$1,829,124
Aug-04	1,413,660	337,900	24%	\$4.7016	\$1,588,657
Sep-04	1,259,202	288,000	23%	\$4.7706	\$1,373,940
Oct-04	2,024,416	350,300	17%	\$4.8546	\$1,700,552
		11,569,100		\$4.9267	\$56,997,422

Forecasted monthly volumes based on June 2003 estimate

**Summary of Gas Purchasing Program  
Transactions Through May 31, 2003  
New England Gas Company - Rhode Island**

<u>Month</u>	<u>Monthly Forecasted Volumes-Dth</u>	<u>Monthly "Locked" Volumes-Dth</u>	<u>Percent "Locked"</u>	<u>Average Wellhead/ NYMEX Price</u>	<u>Total Cost of Purchases</u>
Nov-03	2,881,377	1,338,000	46%	\$4.6949	\$6,281,730
Dec-03	3,590,853	1,506,600	42%	\$4.8526	\$7,310,947
Jan-04	3,872,675	1,484,900	38%	\$4.9623	\$7,368,514
Feb-04	3,614,628	1,075,900	30%	\$4.9810	\$5,359,070
Mar-04	3,677,545	1,060,200	29%	\$4.8070	\$5,096,354
Apr-04	2,455,331	708,000	29%	\$4.4215	\$3,130,455
May-04	1,713,502	421,600	25%	\$4.3652	\$1,840,377
Jun-04	1,633,112	300,000	18%	\$4.4322	\$1,329,645
Jul-04	1,614,191	232,500	14%	\$4.5380	\$1,055,085
Aug-04	1,413,660	198,400	14%	\$4.5688	\$906,440
Sep-04	1,259,202	162,000	13%	\$4.6200	\$748,440
Oct-04	2,024,416	155,000	8%	\$4.7592	\$737,676
		8,643,100		\$4.7627	\$41,164,732

Forecasted monthly volumes based on June 2003 estimate

**Summary of Gas Purchase Incentive Program  
Transactions From June 1 to August 15, 2003  
New England Gas Company - Rhode Island**

<u>Month</u>	<u>Monthly Forecasted Volumes-Dth</u>	<u>Monthly "Locked" Volumes-Dth</u>	<u>Percent "Locked"</u>	<u>Average Wellhead/ NYMEX Price</u>	<u>Total Cost of Purchases</u>
Nov-03	2,881,377	366,000	13%	\$5.4988	\$2,012,550
Dec-03	3,590,853	384,400	11%	\$5.7626	\$2,215,135
Jan-04	3,872,675	387,500	10%	\$5.9364	\$2,300,355
Feb-04	3,614,628	400,200	11%	\$5.6042	\$2,242,817
Mar-04	3,677,545	266,600	7%	\$5.6649	\$1,510,258
Apr-04	2,455,331	234,000	10%	\$5.0733	\$1,187,160
May-04	1,713,502	136,400	8%	\$4.9348	\$673,103
Jun-04	1,633,112	132,000	8%	\$4.8991	\$646,680
Jul-04	1,614,191	158,100	10%	\$4.8959	\$774,039
Aug-04	1,413,660	139,500	10%	\$4.8904	\$682,217
Sep-04	1,259,202	126,000	10%	\$4.9643	\$625,500
Oct-04	2,024,416	195,300	10%	\$4.9302	\$962,876
		<u>2,926,000</u>		<u>\$5.4110</u>	<u>\$15,832,689</u>

Forecasted monthly volumes based on June 2003 estimate